

OUTLINE OF  
GROUP AND REGION-FOCUSED  
TRAINING PROGRAMS IN JAPANESE  
FISCAL YEAR 2008

COURSES STARTING BETWEEN APRIL 2008 AND MARCH 2009

JAPAN INTERNATIONAL COOPERATION AGENCY  
(JICA)

## **Foreword:**

### **A new JICA and its Program for Training & Dialogue**

Since its re-organization as an independent administrative institution in October 2003, JICA has moved forward its reform activities with three major pillars: field based management, human security, and effective, efficient and prompt operation. In addition to this initial reform plan, in March 2005, JICA announced the second part of its reform plan. At the core of this second phase reform plan is the review of JICA's training & dialogue program conducted in Japan, particularly with respect to its effectiveness and appropriateness in meeting the evolving needs of its development partners.

#### **Technical Cooperation conducted in Japan**

JICA's training & dialogue program conducted in Japan has been occupying an important place in JICA's operations. Being conducted in Japan, the Program can mobilize inputs from almost every corner of the society. As this booklet illustrates, more than 500 courses/projects/forums of the JICA's training & dialogue program cover a wide range of issues such as agricultural technology, advanced industrial technology, hospital management and local governance systems to name a few. Being implemented in collaboration with Japan's leading organizations and academics in respective fields, the Program could provide ideal opportunities to those who would try to find answers for their own issues referring to Japan's experiences.

While recognizing the positive role that the Program can play, we are at the same time increasingly cognizant of the challenges to make it more relevant to practical needs and concrete actions in partner countries. For example, appropriate measures to encourage the ex-participants to put their acquired knowledge in practice need to be strengthened, especially for the capacity development of the organizations they work for. Based on this recognition, JICA is now starting to make serious efforts to meet such challenges. Our efforts include the integration of preparatory sessions and post-program activities in some of the course/projects/forums. Likewise, a systematic follow-up support for motivated ex-participants and interested organizations is going to be strengthened.

This booklet provides information on such efforts for improvement. The reader may wish to refer to such information and, where applicable, to use JICA's training & dialogue program not merely as a means of enhancing skills/knowledge of any particular individuals but also in relation to organizational capacity development needs.

## Japanese Development Experience

Japan was one of the first non-European countries to have successfully modernized and industrialized its economy. At the core of this process started more than 140 years ago was the “*adopt and adapt*” concept by which a wide range of appropriate skills and knowledge have been imported from developed countries; these skills and knowledge have been adapted and/or improved using the local skills, knowledge and initiatives. They finally became internalized in the Japanese society to suit its local needs and conditions.

From engineering technology to production management methods; from pollution prevention technology to rural community development, most of the know-how that has enabled Japan to become what it is today has emanated from this “*adoption and adaptation*” processes, which, of course, have accompanied countless failures and errors behind success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are struggling with the current challenges facing developing countries.

However, it is rather challenging to share with our partners this whole body of Japan’s developmental experience. This difficulty has to do in part with the challenge of explaining a body of “tacit knowledge”, a type of knowledge that cannot fully be expressed in words or numbers. Adding to this difficulty are the social and cultural systems of Japan that vastly differ from those of other western industrialized countries, and hence still remain unfamiliar to many partner countries. Simply stated, coming to Japan might be one way of overcoming such a cultural gap.

I therefore would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with Japanese people, witness the advantages as well as the disadvantages of Japanese systems, so that the integration of their findings will become useful to the accomplishment of their developmental objectives.

Takashi Kaneko  
Vice President,  
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# 2008 年度プログラム概要

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# I . Reference for Selection of Group and Region-Focused Training Programs



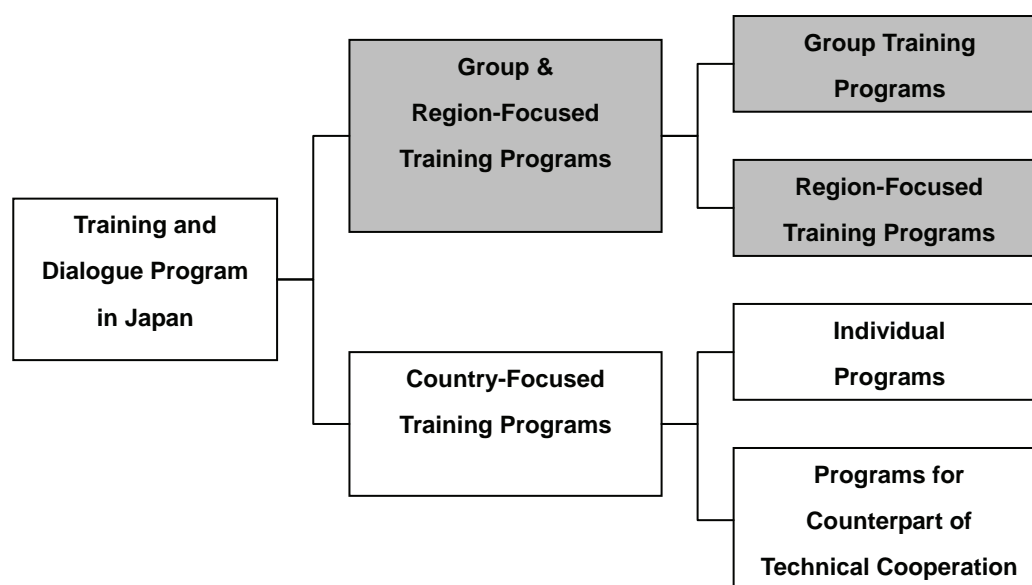
(Photo: Kenshiro Imamura)

## Reference for Selection of Group and Region-Focused Training Programs

### 1. What are Group and Region-Focused Training Programs ?

Being conducted in Japan, Group and Region-Focused Training Programs of JICA offer rare opportunities for those who are interested in Japanese experiences. Around five hundred programs are designed in collaboration with leading organizations in respective fields and offered to partner countries. While Group Training Programs target the whole world, Region-Focused Training Programs are offered to specified regions with contents specific to issues in the region. In the Japanese fiscal year 2008, totally 583 programs are implemented.

<Chart1: Types of Training and Dialogue Programs in Japan>



Group and Region-Focused Training Programs have the following features which are not seen in other types of technical cooperation, because the programs are proposed by Japan and implemented inside Japan.

- (1) The programs will be opportunities for leaders of partner countries to share knowledge, experience, and idea of practitioners at the forefront and professionals in Japan who cannot be dispatched as a mission member or expert to partner countries
- (2) The programs will be opportunities to transfer the tacit knowledge to participants effectively such as sense of value, concepts, systems, machinery of organization which are unique to Japanese society and can be understood only through first-hand experiences by participants
- (3) The programs will be opportunities for partner countries to share experiences and create innovative knowledge together with other partner countries which face similar difficulties or

issues

Group and Region-Focused Training Programs, which have the advantage of being implemented inside Japan as explained above, can produce significant effects when organically combined with other technical cooperation or financial aid for partner countries.

## **2. Recent Changes in Group and Region-Focused Training Programs**

Group and Region-Focused Training Programs have been conducted for many years as one of the oldest forms of technical cooperation. Their main objective has been human resource development focused on mid-level personnel in partner countries.

While the Programs have been contributing to the empowerment of future leaders, JICA decided to review their objective and modality, considering recent changes in the business environment surrounding the programs. They include among others, changes in the needs of the partner countries, changes caused by the progress of the program approaches in Japan's international cooperation, as well as the administrative reform of the Government of Japan to further improve efficiency. As a result, Group and Region-Focused Training Programs are being largely transformed as explained below.

### **(1) Change in objective: Problem solving in addition to human resource development**

Group and Region-Focused Training Programs have traditionally aimed at human resource development of mid-level personnel. These traditional training programs have come to be reviewed in terms of efficiency since training opportunities in partner countries have been expanded and improved in recent years. Training in Japan should be re-focused at truly core professionals or decision makers in organizations or should be offered to only those organizations which are ready to take concrete steps in dissemination of the knowledge brought back by their personnel dispatched to the programs.

On the other hand, the objectives of partner countries in sending personnel to Japan are not limited to medium- and long-term human resource development. They also could send their personnel to study Japan's experiences to re-create their own solutions for their specific issues such as the introduction of a new institution/system or improvements in the operation of their organization. JICA is strengthening those programs which could effectively facilitate partner countries to create their own solutions by utilizing the advantages of the training program that is technical cooperation conducted in Japan.

JICA has classified Group and Region-Focused Training Programs into four standard categories as shown below, in order to clarify the objectives of the Group and Region-Focused Training Programs whose contents are becoming more diverse in response to changes in the environment surrounding the programs.

**<Chart 2: 4 standard categories of Group and Region-Focused Training Programs>**

Standard category	Concept
Leaders Training Programs	The primary objective is to enhance the capacity of personnel who are involved in important decision making in an organization or who are engaged in highly specialized areas.
Trainers Training Programs	This type aims to disseminate the kinds of knowledge and skills which become significant when many people learn them. This type of programs target at mid-level personnel of “front-line” occupations such as teachers, nurses and extension officers. Such program is implemented with the aim of the specified final beneficiaries gaining knowledge and skills thorough program participants, in addition to the development of the abilities of the participants themselves.
Solution Creation Programs	This type aims to facilitate problem solving in an organization or a society such as making improvements in the operation of an organization, the creation of political measures and the establishment of systems. Programs of this type provide an opportunity for partner countries to consider the measures needed to solve the problems in their countries by using the Japanese experience as a reference.
International Dialogue Programs	This type aims to share experience related to regional or global problems and to develop new knowledge. It promotes international dialogues and the creation of networks for important problems.

**(2) Change in modality : From individuals to organizations**

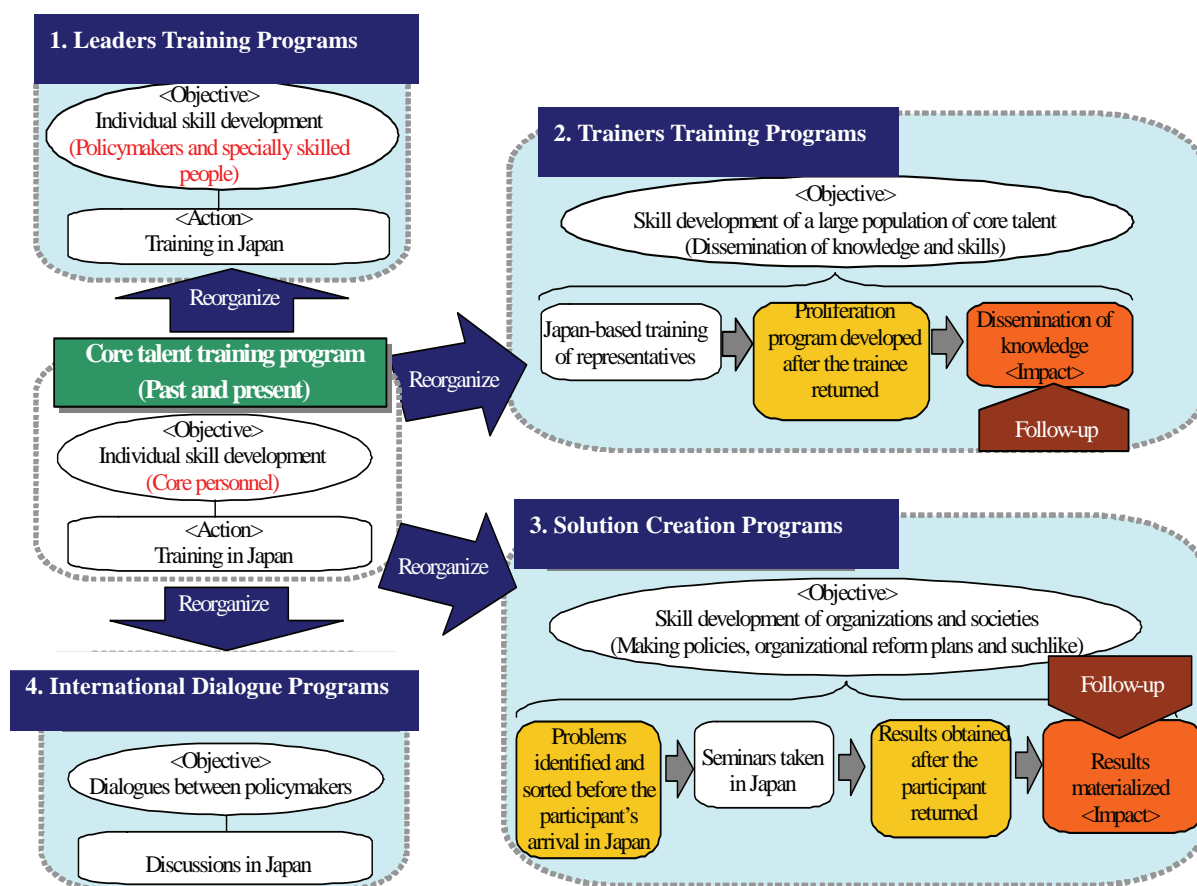
Conventional Group and Region-Focused Training Programs have been completed in Japan. However, when the program aims to disseminate knowledge or to solve problems of an organization rather than enhancement of the capacities of individual participants, it is necessary to have the involvement of the organizations which send participants to the program and to have activities before and after a program in Japan. Therefore, JICA is expanding the scope of program methods to include a “preliminary phase” which is held prior to a program in Japan, a “finalization phase” which is held based on the results of the program in Japan after the participants return to their own countries and “follow-up cooperation” after the program ends. JICA is also diversifying the tools for programs, to include distance learning using a teleconference system and a complementary program in a third country.

Such flexible approaches have led to the creation of various forms of Group and Region-Focused Training Programs which go beyond the traditional image of Group Training Programs. Examples of the new forms of programs include a project-type training in which a program is held targeting similar countries for three years with different contents in each year to



gain final results within three years and one in which distance learning and a program in Japan are combined and participants can obtain an academic degree in one year.

**<Chart 3: Reorganization of Group and Region-Focused Training Programs and the establishment of standard category-clarification of the aims and more flexibility in approaches>**



**(3) Change in contents: More focus on “Japanese ways”**

In the context of the administrative reform by the Japanese government, from the viewpoint of cost-effectiveness, the training programs in Japan are expected to be implemented only when they are really worth being carried out in Japan.

It is assumed that training programs in other countries than Japan would be more effective to transfer universal technologies and theories. However, as a result that Japan has actively adapted the Western systems, approaches and technologies in accordance with own conditions, it has unique experiences and knowledge which cannot be found in the Western countries, ranging from organizational systems like organizational management and personnel management to social systems like campaigns for improvements in daily lives and local

administration.

It may be difficult for partner countries to apply these unique experiences of Japan as they are because conditions of these countries would be very different from those of Japan. But they can utilize the Japanese experiences and knowledge as useful catalysts when they invent their own approaches or measures to solve problems they face.

Recently JICA has formulated more programs than before that make the most of the advantages of the Japanese unique experiences and knowledge. It also has developed learning materials by which partner countries can understand the Japanese unique experiences easily, overcoming the difference between the both sides.

**<Chart 4: Recent Examples of programs that make full use of the unique experiences of Japan>**

Subject	Name of program	Details
Japanese-style management	Seminar on Creating a New Methodology for the Knowledge society (Since 2004)	Internationally renowned economists summarize and systemize the approaches of Japanese-style organization management.
Japanese-style management	Management of Human Capacity Development Programs (Since 2006)	Some of Japanese leading companies cooperate in the systemization of Japanese approaches to personnel affairs and human resource development.
Japanese-style administrative reform	Top Management Forum on Local Government Reform for Asia and Africa (Since 2006)	Reflecting the internationally unique development of Japan, administrative and financial reform systems in Japanese local communities are programmed into a bidirectional international forum.
Japanese-style participatory development	Promotion of Enabling Environment for Civil Society and Community Development (Since 2006)	What is referred to as hometown science and other approaches unique to Japanese local development are systemized from the viewpoint of development.
Livelihood Improvement Approach	Rural Community Development by Livelihood Improvement Approach (Since 2006)	The combination of Japanese life improvement movement and agrarian reform was the driving force of the postwar rural development. The experience of the commitment is systemized.
Recycling-based Society	Construction and Designing of Recycling-based Society (Since 2006)	Japans' unique values and ideas, represented by Mottainai, the abhorrence of waste, are systemized.
School health	School health (Since 2006)	The internationally rare system of our school health and the experience of its application are systemized.
Experiences of Okinawa	Maternal and Child Health Promotion Based on Community (Since 2006)	The Okinawa Prefecture's unique experience of stationed nursing staff is systemized.

### **3. Utilization of Group and Region-Focused Training Programs**

#### **(1) Combination with the JICA Programs**

Group and Region-Focused Training Programs has increasingly been combined with a technical cooperation project or an individual program such as expert dispatches, an in-country training, and so on. As a result of the operation review of the Group and Region-Focused Training Programs, it has become easier to combine them with other projects.

Major changes in the operation are as follows;

#### **Changes in the allocations of programs**

- In order to make it possible to utilize the Programs in a systematic manner, the allocation of each program is fixed for the period of its implementation, which is generally three years. Accordingly, the official requests by partner countries and subsequent bilateral agreements are made for the period of three years.
- In order to make it possible to utilize the Programs intensively, the maximum number of participants for each program in one year is set at two for the Group Training and four for the Region Focused Training.
- While allocation of a program is fixed for the period of its implementation, partner countries can cancel the allocation of the second or third year. On the other hand, it would be possible as well to request allocation for a program on its second or third year even if the program wasn't allocated on its first year, while realization of the request may depend upon situation of the program.

#### **Changes in the procedures of the request survey**

- To enhance the realization of requests and predictability of the training request survey, the number of participants is to be determined flexibly based on the request survey in the planning of JFY2008, instead of the previous system that conducted the survey after allocations of programs and the number of participants to partner countries.
- In the planning for JFY2008, a request survey for the Group Training Programs and the one for the Region Focused Training Programs have been unified, and the number of programs of each type will be determined based on the magnitude of requests. It is envisioned that programs conducted in other than English or regionally tailored programs will increase.
- In the planning for JFY2008, the Long Term Training Programs have been integrated

into either the Group Training Programs or the Region Focused Training Programs. This will enable the partner country, the Embassy of Japan, and the JICA overseas office to select as many “long term type” programs for academic degree as they wish. In this relation, it is to be noted that a request for a seat of “long term type” programs is regarded as two seats for ordinary programs due to difference in costs.

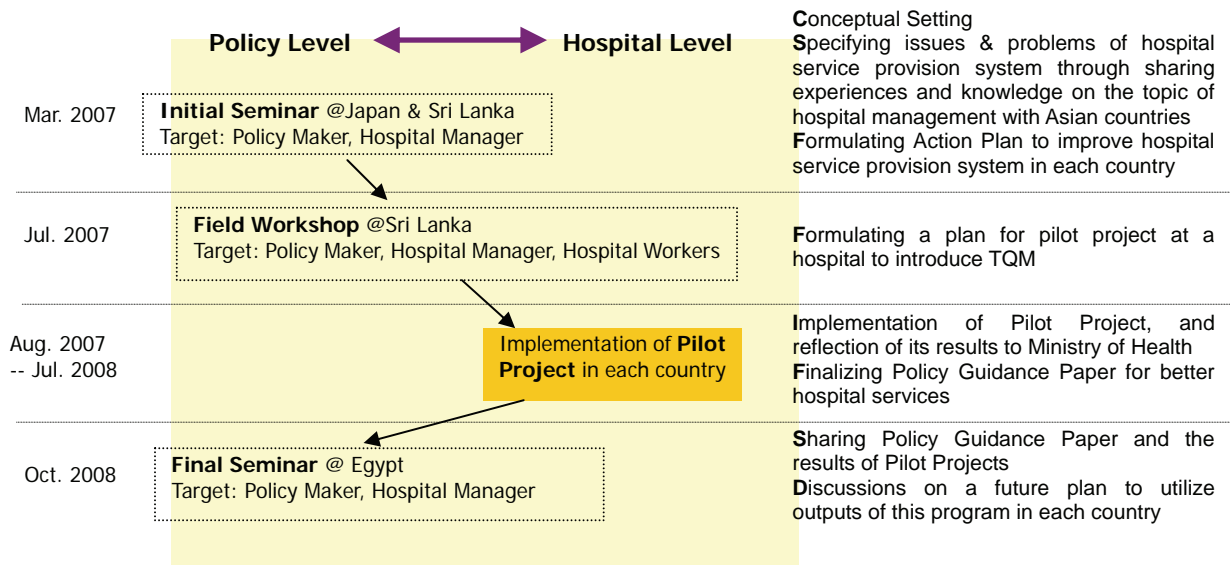
- While allocations for new and renewed programs will be fixed for the period of implementation, they could be adjusted as mentioned in the previous section. As for the planning of JFY2009, allocations for continuing programs will be confirmed by the partner country, the Embassy of Japan, and the JICA overseas office based on allocations made in JFY 2008. The current allocations would be either confirmed or modified, which would be fixed up to the end of each program.

It is expected that more Group and Region-Focused Training Programs will be utilized for project formulation, follow-up activities after the completion of projects, and indirect support for ongoing projects. For more details, please refer appendix for the utilization of the Group and Region-Focused Training Programs in Bilateral Programs.

## Case 1: Strategic model to envision for further assistance projects

Program: “Asia-Africa Knowledge Co-Creation Program (AAKCP) — Total Quality Management for Better Hospital Services: Holistic Approach to Utilize Existing Resources “

Target Countries: Kenya, Uganda, Tanzania, Malawi, Senegal, Madagascar, Nigeria, Eritrea



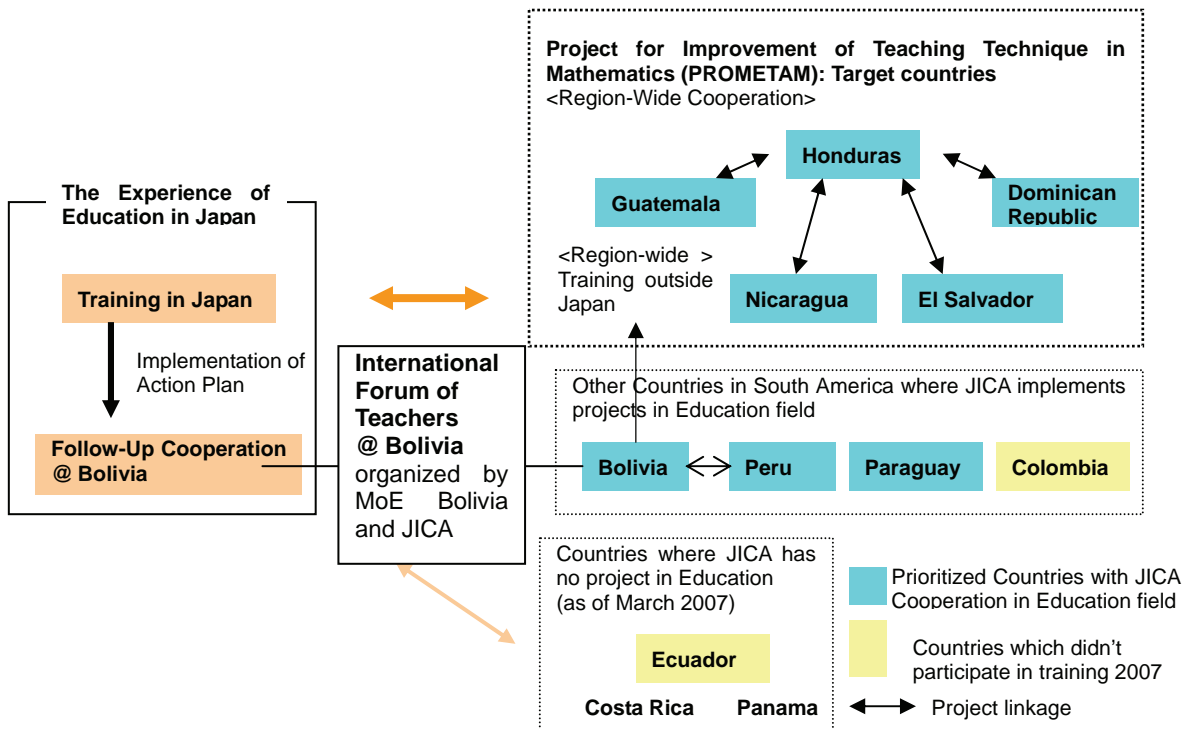
### <Key Points>

AAKCP aims to provide the forum where Asian and African countries share each experience and knowledge in several sectors, and thereby to facilitate each country to create its own method of development which suits mostly to its contexts. The second sub-program of the AAKCP covers comprehensively a wide range of issues for quality management in hospitals, such as improvement of hospital environment and awareness-raising of hospital staff. This second sub-program comprises four components throughout a program period of one and half year: (1) Initial Seminar conducted in Japan and Sri Lanka, (2) Field Workshop in Sri Lanka, (3) Implementation of Pilot Projects for one year in each country, and (4) Final Seminar to present overall achievements. For the countries whose initiatives in improving the quality of hospital services come out well, JICA examines the possibility of further support to put these countries' efforts and engagement into much wider practice such as developing a technical cooperation project, after AAKCP. In addition, a regional technical cooperation project may become an option to be developed, utilizing a health-sector network established among African countries through AAKCP. Effective utilization of JICA Training & Dialogue Program combined with other development assistance scheme can create the common “seedbed” to be developed for future support and leads to strategic development of JICA assistance projects.

**Case 2: Effective linkage between a Training Program and a Technical Cooperation Project: Training Program incorporated in Technical Cooperation Projects**

Program: “Education in Japan: Applying Japan's Experience to Developing Countries”

Target Countries: Bolivia, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Paraguay, Peru



**<Key Points>**

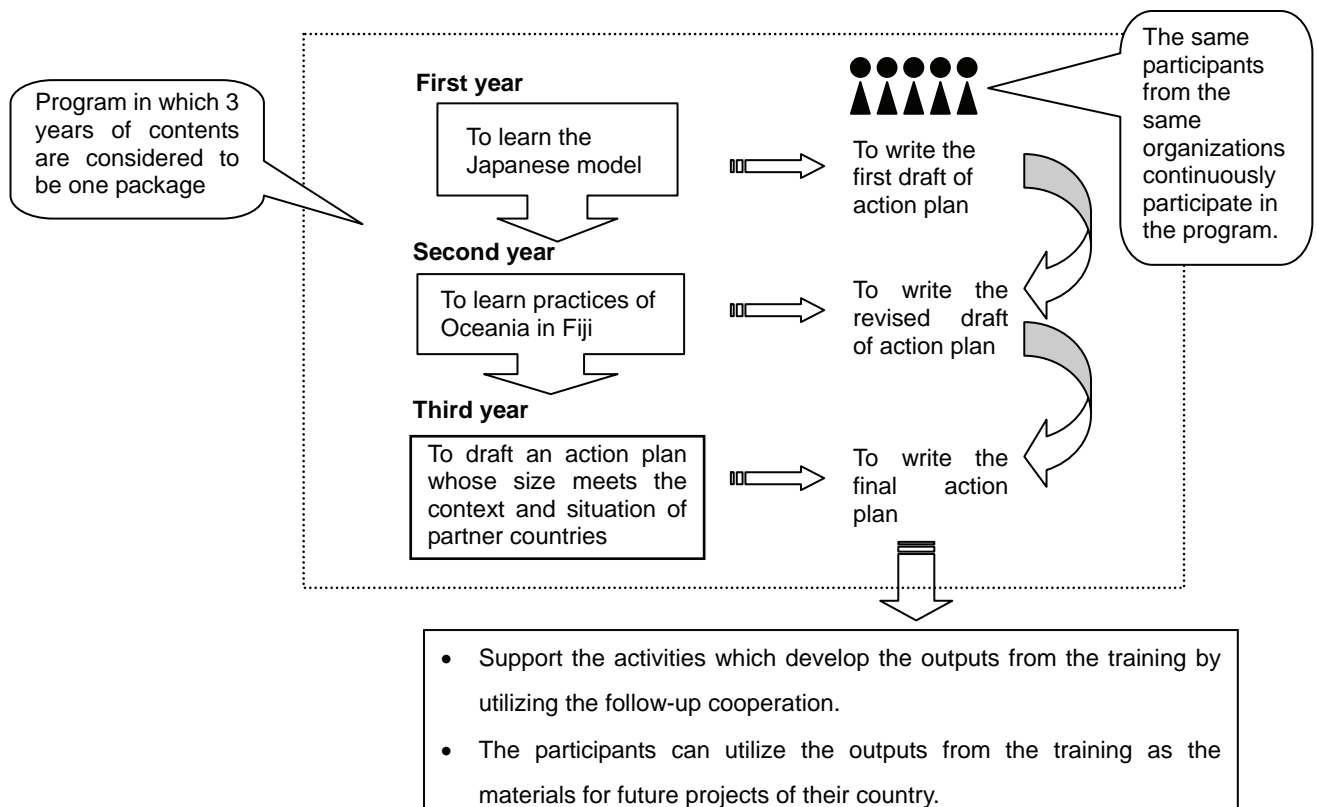
This training program, which mainly targets prioritized countries in Latin America in JICA Educational Cooperation, is considered as a component of development program in respective countries. JICA overseas offices and JICA project staff actively engaged in the selection process of nominees. These participants of senior officials, who are supervisors of JICA project counterparts, joined the training program with high motivation, and proposed the finalized action plans developed in line with JICA technical cooperation projects in their own countries.

Effective linkage between trainings and projects enables JICA and partner countries to design a training program tailored to the needs of partner countries, select appropriate participants for training, and utilize strategically a Follow-Up Cooperation scheme based on the training result.

**Case 3: Regional program which continuously supports target groups for three straight years**

**Program: Region-Focused Training Program “Community-based Fisheries Diversification in Pacific Small Island States”**

**Target countries: Fiji, Nauru, Palau, Papua New Guinea, Samoa, Solomon islands, Tonga, Tuvalu, Vanuatu**



**<Key Points>**

Working on common issues in multiple countries, this program is a new approach which accepts the same participants from the same organizations for three consecutive years in order to educate personnel from a long-term point of view. It is thought that the approach where “three years are considered as one package” is an efficient and effective training method for countries in Oceania with limited personnel.

By integrating this Region-Focused Training Program in the regional fishery program for Oceania, further strategic projects can be developed under the same concept, utilizing the ex-participants as the contacts or the starting personnel for the projects in each country.

## **(2) Promotion of organizational involvement**

If Group and Region-Focused Training Programs meet the organizational needs of partner countries, the programs produce considerable results. On the other hand, greater importance needs to be attached to the cost-effectiveness since the Group and Region-Focused Training Programs requires as much cost as that of the short-term expert dispatches. Consequently, programs that require the organizational involvement of partner countries have been increased. In response to this trend, partner countries have begun to strive for more active organizational utilization of the training results obtained in Japan.

Continuous results will be produced efficiently by encouraging the efforts of the partner countries on their own initiative. It is therefore expected that the respective country offices of JICA will be involved as much as possible in the following actions.

### ■ **Selection of the target organizations and nominees**

In order to attain objective outcomes in programs, target organizations and the nominees should be carefully chosen by confirming their commitment and readiness. From this viewpoint, priority should be given to organizations and people which are related to on-going or planned bilateral cooperation projects and activities as their commitment and readiness are already confirmed. Accordingly it is appreciated that target organization(s) and nominee(s) for each allocated program would be selected by the Government of partner country in close consultation with the JICA overseas office. Organizations and nominees without linkage to bilateral cooperation projects and activities are eligible for programs on condition that their commitment and readiness are confirmed by the JICA overseas office. As for programs selected in relation to activities of JICA experts and volunteers, it is advised to involve them in the selection process as in a case of ordinary counterparts training.

### ■ **Promotion of continuous participation**

As most programs are to be allocated successively for three years, it is advised that the same organization or a group of mutually interrelated organizations should be selected for each program. Particularly programs categorized as “Solution Creation” require the same organization or a group of mutually interrelated organizations to achieve a goal at the end of three year program. In this connection, the application form, formerly called as “A2A3 form”, has been revised so that commitment and readiness of applying organizations should be clearly described.

### ■ **Involvement with activities before and after core phase in Japan**



Each selected organization should be reminded to take necessary actions within the organization according to program plan described in “General Information”. Special attention should be paid to programs categorized as “Trainers Training” and “Solution Creation” since those programs include activities to be conducted in participating organizations before and/or after core phase in Japan. Participating organizations are requested to prepare and send final reports to JICA overseas offices upon completion of programs. On the part of JICA, programs categorized as “Trainers Training” and “Solution Creation” are enriched with special components such as a supplementary program in third country, follow-up support and so on.

## **Appendix: Manual for Utilizing Group and Region-Focused Training Programs in Bilateral Programs**

### **I. How to utilize Group and Region-Focused Training Programs**

Group and Region-Focused Training Programs in which several countries participate have been carried out with about 500 diverse and unique programs. They have an advantage over Country-Focused Training Programs because they are elaborately prepared for a substantial period of time in cooperation with Japan's leading organizations and experts.

So far, Country-Focused Training Programs have generally been integrated into the JICA programs and projects, but we find Group Training Programs and Region Focused Training Program utilized strategically more than before. Such cases are shown below as "Options 1-10" for your reference as you plan and implement your program and project.

#### **<Promoting ownership by partner countries in project formation>**

Option 1: Facilitating identification and formulation of a project

Option 2: Facilitating decision-making

Option 3: Creating "critical mass"

#### **< For improving the effect and impact of project implementation**

Option 4: Dispatching key person to Japan outside of project's framework

Option 5: Building consensus among diverse stakeholders

Option 6: Substituting for a short-term expert

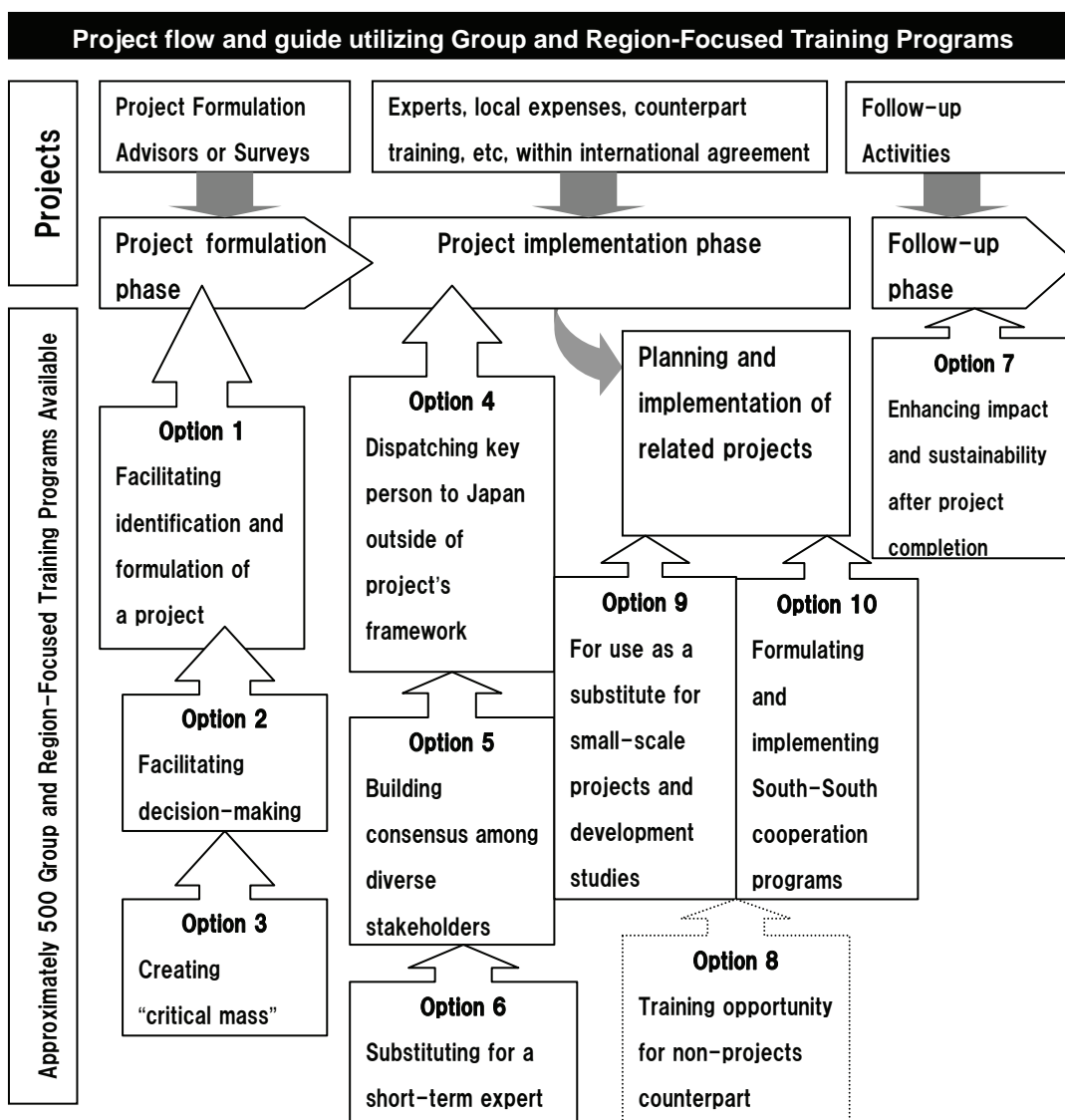
Option 7: Enhancing impact and sustainability after project completion

Option 8: Training opportunity for non-projects counterpart

#### **<Flexible responses to particular needs>**

Option 9: For use as a substitute for small-scale projects and development surveys

Option 10: Formulating and implementing South-South cooperation programs



**<Promoting ownership by partner countries in project formation>**

**Option 1: Facilitating identification and formulation of a project**

Ownership of partner countries is the most important factor which determines a project's success. In order to promote such ownership, various kinds of ideas have been put into practice. One of the most effective methods for a partner country is to play an independent role in the project formulation stage. Once realized, the sense of ownership on the part of a partner country will be enhanced in its project implementation stage, as well as after its completion.

Formulating a program/project is generally carried out through project formulation advisors or project formulation surveys. Group and Region-Focused Training Programs can be effectively used as a complementary measure. Either when planting the seeds of cooperation to reap five years later, or when a particular cooperation project is almost to be determined, Group

and Region-Focused Training Programs may be used as effective tool for partner countries to address their genuine needs.

To be more specific, a partner country will choose an Group and Region-Focused Training Programs which is related to the issue being addressed, dispatch a concerned official to a program to let him or her explore what the root of the issue in his or her own country is, and contemplate what of Japan's experiences might be applied. Then, the participant shall make a proposal when he or she returns to his or her country. Among such proposals, highly sophisticated ones may be linked with local-survey results that program formulation advisors or project formulation surveys have done. On the other hand, a partner country can also dispatch its officials who are suited for the related training program on the issue that the Japanese side has focused through their own surveys. It may enhance the quality of the project to be formulated. For instance, when a result of development study leads to a start of a new technical cooperation project, the ripeness of a project planned can be enhanced by using intensively the Group and Region-Focused Training Programs as a significant connector between them.

The training program which can be used for project formulation is classified as "Solution Programs". Although it is a group-type training program, it can closely correspond to individual needs. Moreover, in order to improve the usefulness of Group and Region-Focused Training Programs, we reexamined the principle of "one participant for one program" to be changed into a new system which will allow more than one participant per program for more than single fiscal year.

**Case: An urban environmental conservation program of the Dominican Republic**

*The urban environmental conservation program of the Dominican Republic was formally launched in 2004. Among the program a project for solid wastes issue, the intensive execution of training programs for the counterpart organization, Santo Domingo City Hall, played a great role in setting the foundation for the activities thereafter. Since 2004, concerned personnel have been dispatched intensively to Japan to participate in Group and Region-Focused Training Programs to study solid waste management, city planning, and environmental administration and formed a program-promoting group which was organized by more than 10 ex-participants. The year of 2005 marked the start of a development study, "Comprehensive Solid Wastes Management Plan of Santo Domingo City," as the core of this program. During the two-year preparation period, from the planning and proposal stage in 2003 to its commencement in 2005, the sense of ownership on the Dominican Republic side, as well as the effects of the study, were enhanced by the intensive use of Group and Region-Focused Training Programs.*

**Option 2: Facilitating decision-making**

Group and Region-Focused Training Programs include one- to two-week seminars and workshops which are available for a secretary or a director. Such programs, instead of the usual “training” programs, have the characteristic of being the place for international dialogues (referred to as the “Dialogue Programs”). Programs of such type are prepared by the initiative of high level officials of Japanese side like ministries or agencies concerned to welcome senior officials of partner countries.

While they are in Japan, as the decision-makers of partner countries would come to realize the policy issues of their countries, and as they become more convinced of the necessity for improvements, their commitment to the project is expectedly reinforced with the program/project formation likewise expectedly promoted. Moreover, usually such high level officials hardly get to spend much time for a specific project in their own countries. However, as they participate in the program in Japan, away from their own busy office, they can spend substantial time enough to listen to the opinions of the Japanese side and to ponder their ideas as well.

In formulating a project that includes a policy or a system, the independent involvement of partner countries is particularly important. Such dialogue programs type of Group and Region-Focused Training Programs can be used as effective means.

**Case: Group Training Programs: “Local Finance / Forum of Top Management Leaderships-Dialogue of International Reform from Local Finance Perspective-”**

*This program invites a pair of participants, a high-level government official who has the decision-making authority in intergovernmental reform policies and mid-level senior staff from an organization responsible for local administration and finance reform and provides them with a place to examine how to solve policy issues of local administration and finance in detail. They will be provided support in making their policies and plans to promote reform and implementation. It is not a “training” in the general sense, but it is a program that features dialogues among participants and puts emphasis on the presentation of issues by the partner countries. At the same time, an overseas scholar is invited as a resource person to deepen the discussion. In order to continuously ensure results, partner countries and organizations are fixed for three years.*

*This training program designates particular countries which are now implementing a technical cooperation program in the field of local administration, and countries which have implemented such program before. As a forum with leading resource persons, the program will get high-level commitments from partner countries and effectively promote formulation, implementation and follow-ups of technical cooperation programs.*

### **Option 3: Creating “critical mass”**

The number of projects that focus organizational and social standards is increasingly in demand, such as business improvement via a bottom-up approach and collaboration between government administration and local residents. The concept behind these standards cannot be obtained from textbooks, but rather through experiences. Therefore, it cannot easily be passed on from person to person. Only when people genuinely understand a new concept and a certain number of people identify with it, the concept will be accepted into organizations and the society, and take root as a new standard.

For creating “critical mass” of a certain number of people capable of changing organizational and social standards, Group and Region-Focused Training Programs are available for a functional purpose. In the case of a project aiming to change some organizational and social standards by referring to some noteworthy experiences of Japan, you can significantly promote the project’s development by providing several people with opportunities to learn them in Japan in the early stages of project formulation. Basically, planning Country-focused Training programs are given priority for that purpose, but it is often not carried out due to a capacity of implementing organizations or budgetary constraints. Instead, the effective use of Group and Region-Focused Training Programs would be expected.

#### ***Case: The Project for Strengthening District Health Services in Morogoro Region in Tanzania***

*“The Project for Strengthening District Health Services in Morogoro Region” is a technical cooperation project in Tanzania which was carried out between 2001 and 2006. 26 members among the counterparts consisting of administrators and medical officers from the regional government and six districts in the target region (1 city, 5 prefectures) were dispatched to Japan to participate in the training programs of “local health services” and “maternal and child health”, and they formed a group to lead the project in each support region (22 participants for Region-Focused Training Programs, 2 participants for Country-Focused Training Programs, and 2 participants for Country-Focused Training Programs of other countries). These counterpart groups contributed to structuring the administration model to carry out formulation, evaluation and monitoring of regional and district health measures based on the actual data collected at the sites of medical activities. This project is also highly appreciated by the Tanzanian government and is to be implemented throughout the nation from fiscal year 2007.*

<For improving the effect and impact of project implementation>

**Option 4: Dispatching key person to Japan outside of Project's framework**

For technical cooperation projects and development studies, officials of partner countries are basically dispatched to Japan under the framework of Counterpart training. However, since program approach is becoming a standard, it is justified more than before that personnel from partner countries are dispatched to Japan who are involved in the projects but are excluded from the framework of R/D, for example, in the case that new policy concepts is introduced to a high-level official of a ministry which supervises a project and its counterpart or that problem solving is promoted which is usually regarded as an external factors but closely linked with the achievement of project objectives.

In these cases, it is generally required that a new official request be issued for a Country-focused Training program and that an international agreement be concluded to carry out the program. To save transaction costs, the effective use of a line-up of about 500 Group and Region-Focused Training Programs is recommended. Please apply for the Group and Region-Focused Training Programs of your needs at the time of the request survey.

Moreover, if partner countries take part in Group and Region-Focused Training Programs by using the allotment of Country-Focused Training program, it is possible to add special programs before or after the Group and Region-Focused Training Programs based on needs of projects. On the other hand, if they participate in Group and Region-Focused Training Programs by using the allotment of Group and Region-Focused Training Programs itself, addition of special program cannot be considered. However, it would be flexibly considered to give partner countries opportunities to individually discuss with some Japanese officials concerned during the time of Group and Region-Focused Training Programs.

**Option 5: Building consensus among diverse stakeholders**

In projects related to regional development and environmental management, stakeholders come with diverse backgrounds. The success of a project is often determined by the collaboration of the stakeholders. As projects become more comprehensive based on the concept of capacity development, these projects which involve people of various levels are expected to be expanded in the future.

As a way to coordinate diverse opinions among stakeholders, a steering committee meeting and a public hearing are generally organized, but it is not always easy to deepen the mutual understanding among participants in such public places. However, when a number of stakeholders participate as a team in Group and Region-Focused Training Programs, their mutual understanding sometimes generates rapid progress so that projects go smoothly

thereafter. In the first place, the participants find common experiences in Japan. In the second place, since they have a plenty of time ranging from a week to around two months in Japan, they can engage in thorough discussions to deepen mutual understanding and find ways to address their issues.

As a means to promote consensus building among these stakeholders, the Country-Focused Training programs are more convenient, but the Group and Region-Focused Training Programs are also being prepared to receive a multiple number of participants. When the Country-Focused Training program is not available for your needs because of a capacity of a implementing organization, the use of Group and Region-Focused Training Programs instead might be useful.

**Case: Technical cooperation project “The Local Management Cooperation Project in Thailand”**

*This project aims at formulating cooperation measures between local autonomies under the present law by holding many workshops at three pilot sites. High-level stakeholders of each bureaucratic level, including the Director-General of the Department of Local Administration and vice governors of the pilot sites participated in the training program held in Japan. Those executive counterparts who could not usually afford time for a series of meetings were confined in Japan for a certain period to give them time to focus on the magnitude of their project. After the training program in Japan is over, project activities, not only at the pilot sites but also on the part of the Department of Local Administration, have remarkably progressed, as well as achieved a marked improvement in the amendment of the Local Administration Code for local management cooperation.*

**Option 6: Substituting for a short-term expert**

Generally speaking, advanced Japanese knowledge of natural science can be transferred to partner countries. On the other hand, that of social science cannot be transferred easily because it is inseparable from a society and context and Japanese experiences can be only used for just a reference. Therefore, partner countries need to harness their own knowledge in making policies, structuring systems and promoting organizational and business improvement.

When a project requires inputs of these social scientific “software”, sending personnel from the concerned country to Japan to “uncover” its genuine problems and to create solutions is sometimes more effective than inviting an expert or a consultant from Japan to analyze the problem of a certain country and come up with solutions. In such cases, we substitute the short-term expert program with the Group and Region-Focused Training Programs. The programs focusing system and organizational issues, which are classified as the “Solution Programs”, are carefully prepared to promote problem solutions of partner countries with notable Japanese experiences.



In addition, the line-up of about 500 Group and Region-Focused Training Programs include programs focusing standard problem-solving methods which would be adapted for issues of specific sectors such as “institutional development,” “human resources development,” “project management,” and “project evaluation.” These programs are implemented with the cooperation of Japan’s leading authorities. However, dispatching such personnel to the local site of a concerned country as an expert or having them individually provide a Country-Focused Training program is generally extremely difficult. Rather, the use of Group and Region-Focused Training Programs is strongly recommended.

**Case: Region-Focused Training Program “Seminar on Creating a New Methodology for the Knowledge society ”**

*The seminar is conducted by Dr. Ikujiro Nonaka, Professor of Graduate School of International Cooperate Strategy, Hitotsubashi University. He is the world’s authority on knowledge management. This program features the “knowledge creation theory” applicable to foreigners, which theorizes on the strong points of Japanese organizations, such as Honda and Seven-Eleven to introduce the key concept of “tacit knowledge”. Public organization in concerned countries, that are interested in Japanese experiences to strengthen their organizations, dispatch a secretary, a director general, and university presidents to participate in the program. They work out practical measures to improve their organizations through the most noteworthy lectures and case studies. For your information, either dispatching heavily engaged Dr. Nonaka as an expert or individually asking him to provide a Country-focused Training program is practically impossible.*

**\*The Knowledge Creation Theory:** *The theory is based on the belief that converting “tacit knowledge” into “explicit knowledge” to share the knowledge of an organization, and increasing the knowledge asset of an organization and its members will boost organizational power as well as bring about the creation of renewed power and behavior to solve problems.*

**Option 7: Enhancing impact and sustainability after project completion**

After the completion of a technical cooperation project or development study, various measures are sometimes required to enhance impact and sustainability for the outcome. Group and Region-Focused Training Programs may be used as an effective measure just as well as dispatching an expert. If the allotment of a Group and Region-Focused Training Programs is already secured at the time of request survey, you can smoothly undergo it without any other international agreement.

### **Option 8: Training opportunity for non-projects counterpart**

Unlike a technical cooperation project and developmental study, when a counterpart of an individual expert or an official who is involved in an individual project such as an in-country training, Japan Overseas Cooperation Volunteer (JOCV), or JICA Partnership Program (JPP), is sent to Japan, it is required in the same manner as Option 7 to issue an official request for an individual program of Country-focused Training and to conclude an international agreement to implement the program. In such cases, Group and Region-Focused Training Programs are also very beneficial. Particularly for the Senior Volunteer of Japan Overseas Cooperation Volunteer (JOCV), or JICA Partnership Program (JPP), we presume that there is significant potential need for these kinds of training programs in Japan.

In the case of Group and Region-Focused Training Programs, since partner countries sometimes autonomously select applying organizations and personnel, an intention of Japanese side may not be reflected. Nevertheless, when the Japanese side is able to negotiate with concerned organizations and personnel for the selection of an applying organization, it would be advisable to use the program effectively.

### **<Flexible responses to particular needs>**

### **Option 9: For use as a substitute for small-scale projects and development studies**

Although a partner country is interested in the use of Japanese methods in the improvement of hospital management or improvement in the system of agricultural extension, it cannot start a project suddenly. It is also not always possible to add a component by altering the R/D of existing project. In these cases, dispatching an individual expert has been the general solution so far. However, using the Group and Region-Focused Training Programs sometimes brings about a huge success.

On the other hand, diverse subjects, such as “support for persons with disabilities”, “criminal investigation” and “museum study”, are available in the line-up of Group Training Programs formulated by Japanese proposals. These subjects are often not conducted through the program approach. When the needs of partner countries are clearly outlined and an organization does commit itself, though it is not possible to start a project, its problem solutions can be promoted through the Group and Region-Focused Training Programs. For example three participants are dispatched to Japan yearly for three years and a Follow-up cooperation is integrated, it becomes a real “small-size project”.

To use Group and Region-Focused Training Programs in a similar way as a project is particularly suitable for the needs of small-scale development studies on organizations, systems and policies, which should be worked out independently by concerned countries. Dispatching personnel from the concerned country to Japan and formulating improvement measures often

produces qualitatively and economically better results than inviting Japanese consultants who are not qualified to give suggestions as they are not knowledgeable with the local situation. If the partner country has a clear sense of purpose and is ready to take action, the Group and Region-Focused Training Programs is an excellent choice.

**Case: Region-Focused Training Program: “Support for the establishment of Neonatal Screening for Congenital Hypothyroidism”**

*For those countries that are actually aiming to systemize neonatal mass screening, this program provides the curriculum to support the formulation of a public system by inviting a group of three experts consisting of a medical administrator, an inspection engineer and a pediatric doctor. In addition, follow-up cooperation will be carried out to grant examination equipment and reagents--which are indispensable for practicing a model examination to let them verify the practical methods and effectiveness of neonatal mass screening--to the persons concerned as early as they go back to their country so they can apply the knowledge and technique acquired through the program.*

**Option 10: Formulating and implementing South-South cooperation programs**

To handle issues such as environment or physical distribution which cover wide areas beyond national boundaries or to handle issues that countries in the same region share a background of common social similarities, it is advantageous to promote collaborative efforts among the countries concerned in the region beyond the framework of bilateral cooperation. However, in general, since formulating a wide-area project/program that involves several countries requires a considerable amount of transaction costs and difficulties, such programs are seldom formulated.

On the other hand, Region-Focused Training Program, with target regions limited, can effectively focus such wide-area issues or common issues, and are available to help formulate a wide-area program/project efficiently. For instance, within the framework of a Region Focused Training program, workshops can be carried out at the policy-making stage in the first year to determine common issues and to determine the contents of the program for the following years, and then in the second year a program can be done for personnel on the working level.

In addition to the training program held in Japan, it is possible to conduct supplementary training in a partner country, or to dispatch concerned Japanese officials to it. Furthermore, it is also possible to support local activities as part of follow-up cooperation. As far as Region Focused Training programs are concerned, although they are multi-national programs, it is easy to conclude an international agreement as it is signed in a form of a list collectively every year. In the case of wide-area programs regarding policies or systems which do not require large-scale local activities, practically the same objective as a project can be

achieved effectively by using the framework of the Region-Focused Training Program.

**Case: Region-Focused Training Program “Administration of Disaster Management in Central America”**

*The program began in 2000 to support the establishment of a region which is resistant to natural disasters. It features sequential activities: preliminary training; training program in Japan; action plans; follow-ups; and preliminary training for the following year’s program. The project is being developed autonomously by ex-participants, including expansion activities, with follow-ups and preliminary training. These are planned and executed by the former JICA participants from the previous year’s program. In 2006, a new program called “Intensive Disaster Management Program for the Central American Region” was to be launched. The program is expected to create further impact by designating former JICA participants as the core of the system, and integrating the Group and Region-Focused Training Programs with a wide-area technical cooperation program and a third country training program.*

**II. The Usefulness of Group and Region-Focused Training Programs**

Group and Region-Focused Training Programs have different features from those of other cooperation scheme: it is a technical cooperation program conducted in Japan, and training is proposed by the Japanese side to partner countries. With these features, Group and Region-Focused Training Programs have the following strengths to help resolve issues in partner countries.

**Strength 1: Facilitation of ownership**

Promoting initiative from the partner country’s side is the most important and difficult in any technical cooperation. As is often heard, “His/her attitude and behavior have changed after participating in the training in Japan,” the training in Japan can effectively result in the enhancement of motivation and initiative on the part of the participants.

In the first place, it is very difficult to impart a Japanese behavior pattern such as “teaching others by showing a good example” or “placing importance on actual working sites” to people in partner countries at their own working spaces. Rather, participants from partner countries often appreciate such values through first-hand experiences of being in a Japanese organization and society. It is also true that people tend to act on something when they themselves have come to realize certainly rather than when being told to do something by someone else. In this regard, Group and Region-Focused Training Programs is a program wherein participants themselves are expected to come up with solutions to the issues of their society and organization instead of being prescribed solutions by the Japanese side, thereby

drawing out initiative from the partner countries' side through a proper follow-up after the training.

A training program in Japan gives participants from partner countries a situation different from their daily routine. This aspect of training, when conducted during the formulation stage or implementation stage of a project, will help draw out a sense of ownership of a JICA program/project on the part of the partner countries and help enhance the impact and sustainability of the programs/projects.

<b>Strength 2: Facilitation of organizational &amp; institutional changes</b>
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As the review of technical assistance is going on globally, much attention is being paid to the importance of organizational and system aspects. Operations of an organization and systems of society are closely linked with the mechanism peculiar to each country or society. Therefore, it is essentially desirable that such be improved by the ideas and actions of the people of the country or society. Consequently, technical cooperation with regard to such field needs to take a different approach from cooperation in other areas of knowledge such as natural science, various skills, economic theory, etc. which is universal and transferable.

Group and Region-Focused Training Programs appropriately supports an organization/system. To uncover the genuine root of their issues, and to be convinced of the necessity for improvement, it is most effective for participants from partner countries to have firsthand experience in an actual work setting in Japan. Furthermore, they may come up with a solution to problems better suited to their situation by applying Japan's experiences. The outcome brought about through such a process will be very good in the light of effectiveness and the will of execution. Currently, the support for organizational and system aspects are mainly conducted through the proposals and the advice of experts and consultants dispatched from Japan. In JICA's efforts to strengthen involvement in "capacity development" on an organizational and social level, there is still much room to further utilize these strengths from this type of training in Japan.

While there is much difference between a situation in Japan and that of a partner country, there are often cases wherein Japan's experiences cannot be applied as they are. Therefore, as part of the reform in training programs, efforts are being made to improve the "commercial value" of Japan's experiences, which will further help promote recognition and creativity in partner countries. These efforts include systematizing the method of introducing Japan's experiences, the development of core text materials, conversion from one-way lectures and observational tours to case studies, and such.



### Comparative advantages of Group and Region-Focused Training Programs over Country-Focused Training Programs

The training programs in Japan are mainly divided into two: Group and Region-Focused Training Programs and Country-Focused Training Programs. The former comprises Region-Focused Training which is limited to particular regions and Group Training Programs which is not limited to any region. Country-Focused Trainings Programs are planned and implemented based on the request of a recipient country, and therefore the programs can generally correspond to the particular needs of the participants as compared with Group and Region-Focused Training Programs. Therefore, when considering the utilization of training under a JICA program/project, a recipient country generally requests a Country-Focused Training Program. However, as is written below, items a) and b), when Group and Region-Focused Training Programs can provide higher quality substance, or when it is difficult to implement a Country-Focused Training, it would be advisable to select from the list of Group and Region-Focused Training Programs which is most suited to your needs.

- a) When it is difficult for a Country-Focused Training Program to provide high quality substance

There are quite a number of Group and Region-Focused Training Programs proposed by

the Japan side which have been improved over the years and are carefully prepared before implementation of every program. As for knowledge in the social sciences, which is difficult to acquire through a routine visit, Group and Region-Focused Training Programs often provide more appropriate contents that contain various clues to recognize what is important, as compared with Country-Focused Training Programs, which is prepared in 2-3 months.

b) When a Country-Focused Training Program is difficult to implement due to implementing circumstances

Due to recent circumstances in Japan, it has become more difficult to have cooperation from domestic organizations concerned if a training program gives them little financial advantage. Regardless of the number of participants, whether it is one or more than ten, the amount of effort needed to plan and prepare a program is not much different. Therefore, it has become more difficult to obtain cooperation as far as Country-Focused Training Programs are concerned. Moreover, it is not easy to obtain consent for an additional training program from an organization that already conducts an Group and Region-Focused Training Programs of the same content.

Furthermore, other improvements are being carried out to make the Group and Region-Focused Training Programs more useful in support of the JICA programs/projects: for example, making a group training program respond better to individual needs, and making the most of the synergy of multinational programs where different experiences can be shared.

## II. Program Outline



(Photo: Kenshiro Imamura)



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# How to read the Program Outline

<b>Practice of Science Education for Secondary School</b> ※ 1 <b>中等科学教育実技</b>		※ 2 GROUP 0880004
Target Countries: Anglophone Countries in Africa ※ 8		※ 5 Education—Lower Secondary Education ※ 6 6participants ※ 17 / ※ 7 English
<b>OBJECTIVE</b> ※ 9	<b>TARGET ORGANIZATION / GROUP</b> ※ 11	
<Outcome> This program aims to enhance the capacity of the participants in developing teaching materials effectively through learning the system of science education in Japan and acquiring the techniques for experiments and observation on physics, chemistry, biology and earth science. <Outputs> (1) Learn the system and practical teaching/ learning methodology of Science Education in Japan. (2) Acquire the techniques for experiments and observation as well as the ways of developing and introducing effective teaching materials. (3) Learn the science education conducted at secondary schools and the current situation of informal science education in Japan (4) Learn how to design a science education program effectively and practically by making use of the knowledge and techniques acquired through this program.	(1) Those engaged in teaching science at a secondary school or in-service teacher training (INSET) of secondary science education (2) Have a university degree or equivalent (3) Have over 3 years of experience in the above field *Administrators, researchers, and math teachers are discouraged to join.	
<b>CONTENTS</b> ※ 10	<b>PROGRAM PERIOD</b>	Aug.5.2008～Sep.28.2008 ※ 12
One of the main issues of science education in developing countries is that most of the classes are done in the chalk & talk style, which puts children off science. Hiroshima University has noteworthy results for teacher education in Japan as well as for international educational cooperation. This program mainly consists of the following programs. In program (2), each participant will experience four major fields of science education in Japan (physics, chemistry, biology and earth science) in order to acquire comprehensive viewpoints. In program (3), according to the preferences of participants, each participant will choose two of five fields from: physics, chemistry, biology, earth science and science education. The content of the program will be decided after discussion with the instructors in charge.  (1) Outline of science education in Japan (2) Science experiments and observation (3) Professional field training (4) School visits (class observation) (5) Study tours	<b>IMPLEMENTING PARTNER</b>	Graduate School of Education, Hiroshima University ※ 13
	<b>JICA CENTER</b>	JICA Chugoku ※ 14
	<b>COOPERATION PERIOD</b>	2005～2009 ※ 15
	<b>REMARKS</b> ※ 16	This program has the experience for over 15 years.

## \*1 PROGRAM TITLE (English/Japanese)

※ If the title of the courses contain the name of particular regions or areas, those courses are Region Focused Training and the other training courses are Group Training.

## \*2 Types of Training

There are three types of Training and Dialogue Programs, Group, Region-Focused, and Long Term.

## \*3 Standard Category

JICA has classified Group and Region-Focused Training Programs into four standard categories as shown below, in order to clarify the objectives of the Group and Region-Focused Training Programs.

## \*4 PROGRAM NUMBER

## \*5 GLOBAL ISSUES (SECTOR / SUB-SECTOR)

When a program covers multiple sectors, the program title appears in each category in the table of contents at the front page, so as to encourage participation from wider range of organizations.

## \*6 CAPACITY

Number of participants for each program.



**\*7 LANGUAGE**

Generally English to promote accessibility to all countries.

**\*8 TARGET COUNTRIES**

In the case of programs which require the participating countries to fulfill certain conditions such as geographical conditions, social circumstances, or representation in international conventions or bodies, the condition is shown here.

**\*9 OBJECTIVE**

The objective which should be achieved by participants and/or participating organizations following completion of the program.

**\*10 CONTENTS**

Description of the program in terms of issues and forms (i.e., lecture, practice, discussion etc).

In some cases, <Preparatory Phase> or <Post- program Activities> may be included as a part of the overall program.

**<Preparatory Phase>**

Activities which should be performed by participants / participating organizations prior to the visit to Japan (e.g. preparation seminar, research, report writing etc).

**<Post-program Activities>**

Activities which should be performed in the home country following completion of the Program in Japan, so as to diffuse outputs of the program from individual participants to the participating organization or society of recipient country (e.g. implementation of Action Plan, submission of Final Report etc).

**\*11 TARGET ORGANIZATIONS / TARGET GROUP**

[Target Organizations] indicates the type of organization targeted by the program.

[Target Group] shows specific qualifications / requirements of participants.

**\*12 PROGRAM PERIOD**

Total period spent in Japan from arrival to departure. (NB: Subject to change)

**\*13 IMPLEMENTING PARTNER**

Organizations primarily responsible for implementation of the program.

**\*14 JICA CENTER**

JICA domestic center responsible for management of the program.

**\*15 COOPERATION PERIOD**

Fiscal years in which the program will be provided (normally 5 years).

**\*16 REMARKS**

Other information relevant to the program, such as the background, details of partner organization and bodies, qualifications / academic degrees available to participants etc. are provided here.

**\*17** ★ mark is shown to indicate the availability for the training programs which can be implemented several times.

Sector-Issue Matrix on Mid-term Guide to the Formation of  
Training and Dialogue Programs

課題別研修中期編成指針 分野課題別マトリクス

- ( 1 ) Basic Education
- ( 2 ) Technical and Vocational Education and Training
- ( 3 ) Health System
- ( 4 ) Communicable Diseases Control
- ( 5 ) Maternal and Child Health/Reproductive Health
- ( 6 ) Water Resource
- ( 7 ) Disaster Management
- ( 8 ) Governance: Administrative Institutions
- ( 9 ) Governance: Local Governance
- (10) Governance: Statistics
- (11) Legal and Judicial Development
- (12) Public Safety
- (13) Support for Persons with Disabilities
- (14) Transportation
- (15) Information and Communication Technology
- (16) Natural Resources and Energy: Energy Supply
- (17) Natural Resources and Energy: Energy Conservation
- (18) Financial System
- (19) Small and Medium Enterprises Promotion
- (20) Trade and Investment Promotion
- (21) Industrial Technology
- (22) Industrial Development Institution
- (23) Agricultural/Rural Development: Policy Advice
- (24) Agricultural/Rural Development: Agricultural Infrastructure
- (25) Agricultural/Rural Development: Livestock
- (26) Agricultural/Rural Development:  
Agricultural Technology/ Environment/Natural Resources
- (27) Agricultural/Rural Development:  
Farmer Organizations/Extension Service/Rural Development
- (28) Nature Conservation
- (29) Fisheries
- (30) Gender and Development
- (31) Urban Development
- (32) Regional Development
- (33) Water Pollution
- (34) Air Pollution
- (35) Solid Waste Management
- (36) Environmental Management: Cross-sectoral
- (37) Enhancing Development Effectiveness
- (38) Evaluation
- (39) Peace-Building
- (40) Poverty Reduction

# (1) Education: Basic Education

	Standard Category		Leaders Training Program						
	Type	Group				Country-focused			
	Program No.	0880004	0880209	0880898	0880859	0884037	0884230	0881103	0881104
Program Title	Practice of Science Education for Secondary School	Seminar on the Promotion of Education for Girls and Women	Intensive Course on Museology	Planning & Management of the Conservation of Historic Townscape	Mathematics Education in Primary and Secondary School in Pacific Small Island States	Science and Mathematics Education Improvement for Middle East	Enhancing the Quality of Primary and Secondary Education in Sub-Saharan Africa	Engineering Science for Sustainable Development in Harmony with Environments	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	New
1. Expansion of Primary and Secondary Education	1-1. Promotion of Enrollments in Primary and Secondary Education								
	1-2. Qualitative Improvement of Primary and Secondary Education	●				●	●	●	
2. Reduction of Disparities in Education	2-1. Reduction of Gender Disparities		●						
	2-2. Reduction of Urban/Rural Disparities								
	2-3. Assurance of Educational Opportunities for Children with Special Needs: Ethnic and Economic Minorities, Nomadic Children, Orphans, Refugees, Children with Disabilities, etc.								
3. Satisfaction of Educational Needs of Youths and Adults (Literacy, Numeracy & Life skills)	3-1. Acquisition of Literacy and Numeracy by Youths and Adults								
	3-2. Acquisition of Life Skills by Youths and Adults								
4. Expansion of Infant Care and Early Childhood Education	4-1. Expansion of Infant Care								
	4-2. Expansion of Early Childhood Education Programs								
5. Improvement of Educational Management	5-1. Establishment of Political Commitment								
	5-2. Enhancement of Educational Administration System			●	●			●	●
JICA CENTER	CIC	TIC (Human)	OSIC	OSIC	SKIC	SKIC	CIC	OSIC	
PAGE	128	523	130	129	134	135	255	131	

			Trainers Training Program			Solutio									
Long-term			Group	Country-focused		Group									
0881105	0881107	0881138	0880888	0884009	0884053	0880038	0880041	0880054	0880077	0880078	0880081	0880088	0880092	0880104	
Development of human resources in the field of engineering for strengthening industry and economy (Master's Degree: Engineering)	Educational Technology-based Instructional Systems (Master's degree: Instructional System)	Bioagricultural Sciences (Master's or Doctor's Degree: Agriculture)	Secondary Education Development	Science Experiment in Primary Education (Southwest Asian Countries)	Early Childhood Education in Central and Western Africa	School Health	Improving Teaching Methods in Science and Mathematics in Primary Education	Improvement on Regional Disparity in Basic Education	Study on Education Improvement of Training Course of Teacher	Improving Teaching Methods in Science and Mathematics in Primary Education (University of Tsukuba)	Study on Education Improvement of Training Course of Teacher for Asian and African Countries	Study on Educational Improvement of Teacher Training Courses for French Speaking African Countries	Study on Education Improvement of Training Course of Teacher for Latin American Countries	Study on Education Improvement of Training Course of Teacher for African Countries	
New	New	New	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	New	New	New	New	New	
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●		●	●				●		●	●		●		●	
CBIC	OIC	CBIC	CBIC	OBIC	TIC (Human)	CBIC	SIC	OIC	THIC	TBIC (Training and Partnership)	TIC (Human)	OBIC	TBIC (Training and Partnership)	KIC	
131	132	132	137	138	139	141	142	143	144	145	146	147	148	149	

Creation Program										International Dialogue Program	
Country-focused										Country-focused	
0884003	0884010	0884016	0884020	0884061	0884142	0884157	0884190	0884231	0884237	0884040	0884179
INSET Management for Francophone Countries in Africa	Education for Children with Disabilities for South American Countries	Improvement of School Management in Sub-Saharan Africa	Teaching Methods in Mathematics for South American Countries	Expansion of Pre-Primary (Baby and Infant) Education for Middle East Countries	Seminar for Educational Evaluation and Monitoring	INSET MANAGEMENT FOR FRANCOPHONE COUNTRIES~ Assistance for Introduction and Improvement of School-Based Teacher's Training/Teacher's Training	Strengthening of Local Education for SMASE-WECSA for Sub-Saharan Africa	School Management Development for Central and South America	Promotion of Non-formal Education for Asia	Education in Japan: Applying Japan's Experience to Developing Countries for Latin American Countries	Post-Conflict Educational Reconstruction and Development in Africa
Revise	Cont.	Cont.	New	New	New	New	Cont.	Cont.	Cont.	Cont.	Cont.
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CIC	TBIC (Training and Partnership)	HRIC	SIC	YIC	TIC (Human)	SKIC	SIC	TBIC (Training and Partnership)	CIC	TBIC (Training and Partnership)	OSIC
152	153	154	155	156	396	157	159	160	161	162	162

(2) Education: Technical and Vocational Education and Training

	Standard Category	Leaders Training Program						Trainers Training Program	Solution Creation Program	
	Type	Group			Country-focused		Long-term	Group	Group	
	Program No.	0880346	0880571	0880869	0884211	0884225	0881106	0880785	0880345	0880891
Program Title	Seminar on Human Resource Development Administration	Enhanced Mechatronics Technology for VET Instructors	Seminar on Enhancement of Vocational Training	Improvement of TVET Management with public-private partnership (PPP) for BMEVA Countries	Vocational Training for its Application to Businesses for Central and South America	Engineering Technology (Master's Degree: Engineering)	Vocational Training Instructors (Step up the technical basis for South-South Cooperation and spreading know-how through the domestic training centers)	Seminar on Training Management in Vocational Training Institutions	Industrial Technology Education	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	New	Revise	Cont.	Cont.
1. Human Resources Development for Industries	1-1. Establishment of System and Organization	●					●		●	●
	1-2. Enhancement of Partnership with Industry				●	●				
	1-3. Improvement of Quality in Education and Training		●	●				●		
2. Enhancement of Opportunity for Livelihood Improvement	2-1. Provision of Basic Training Programs for Youth and Adults									
	2-2. Improvement of system and institutions for training programs									
	JICA CENTER	YIC	YIC	YIC	YIC	KIC	OIC	YIC	YIC	OBIC
	PAGE	128	129	130	134	135	132	136	150	151

### (3) Health : Health System

	Standard Category		Leaders Training Program												
	Type	Group													
	Program No.	0880001	0880005	0880008	0880010	0880039	0880219	0880321	0880738	0880884	0880892	0880907	0880908	0880913	0880914
Program Title	Mycotoxin Inspection in Food	Occupational and Environmental Health Management for Sustainable Development	Agricultural Medicine and Rural Health - Occupational Hazard of Agriculture and Community Health in Rural Area-	Hospital Management	Food Sanitation Administration	Women Leaders' Training on Health Promotion and Nutrition Improvement	Prosthetic and Orthotic Technique	Cardiovascular Diseases	Development of Laboratory Diagnosis of Resistant Microbes -General Microbiology Applied to Clinical Laboratory-	Mitigation Strategy for Urban Earthquake Disaster	Study Programme for the Senior Social Welfare Administrators	Study Programme on Drug Abuse and Narcotics Control	Study Programme for Pharmaceutical Affairs Experts	Study Programme on Manufacturing Control of Essential Drugs -GMP Course-	
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Stewardship	1-1. Health Policy			●							●	●	●	●	●
	1-2. Organization			●											
	1-3. System			●										●	●
2. Creating Resources	2-1. Human Resources		●						●						
	2-2. Physical Assets				●										
	2-3. Financing				●										
3. Delivering Services	3-1. Common Issues			●			●								
	3-2. Maternal and Child Health						●								
	3-3. Communicable Diseases Control														
	3-4. Lifestyle-Related Diseases														
	3-5. Other Issues	●	●			●		●	●	●			●	●	●
JICA CENTER	HIC	KIC	KIC	KIC	KIC	OBIC	TIC (Human)	OSIC	KIC	HIC	TIC (Human)	TIC (Public)	TIC (Human)	TIC (Human)	
PAGE	436	300	164	164	165	165	300	167	168	232	301	264	169	170	

											Trainers Training Program						
			Country-focused					Long-term			Group			Country-focused			
0880959	0880965	0880998	0884015	0884044	0884056	0884131	0884228	0881108	0881109	0881111	0880957	0880985	0880816	0884247	0884126	0884077	0884080
Hospital Administration and Health Services Management	Drug Abuse Prevention Activities	Medical Staff Training Course	Clinical Laboratory Technology for Francophone African Countries	Improvement of Blood Screening for Central American Countries	Hospital Management for Southeast European Countries	Medical Equipment and Maintenance for Central and South America	Improvement of Public Health for Reconstruction in the Middle East Countries	Health Professionals (Master's degree: Health Science)	Medical Science for Dermatology	National Institute of Public Health, Master of Public Health Administration in International Health for Public Health Officers	Latest Cancer Diagnosis and Treatment	Lifestyle-Related Diseases Prevention	Oral Health Science Education	Nurse Education for Africa	Advanced Course Detection of Early Gastrointestinal Cancer and Related Digestive Tumors in Middle and South America	Medical Equipment Maintenance for Central Asia	Medical Equipment Maintenance (Portuguese-Speaking Countries in Africa)
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	New	New	Cont.	Cont.	Revise	Cont.	Revise	New	New
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TIC (Human)	TIC (Human)	HIC	OSIC	KIC	KIC	NJV	KIC	OIC	TIC (Human)	TIC (Human)	TIC (Human)	OBIC	KIC	OSIC	TIC (Human)	NJV	NJV
170	171	171	174	175	175	176	178	172	172	173	182	183	181	191	189	186	187



		Solution Creation Program												International Dialogue Program		
		Group							Country-focused					Group		
0884059	0884099	0880038	0880255	0880847	0880871	0880873	0880960	0880961	0884043	0884235	0884024	0884060	0884072	0880741	0880906	0880925
Disaster Nursing and Rehabilitation Course in Asia	Comprehensive Prevention Approach in Health Care for the Pacific Ocean Islands	School Health	Nursing Management	Assurance of Food Safety and Quality Control	Seminar on Parasite Control Administration for Senior Officers II - A step Towards Community Development through School Health	Hospital Pharmacy	Health Systems Management	Clinical Laboratory Technology	Hospital Administration for Latin American Countries	Community Health Administration for Improvement of Regional Disparity in Anglophone Africa	Health Administration for regional health officer for Africa	Asia Africa Knowledge Co-Creation Program - Total Quality Management for better hospital Services: holistic approach to utilize existing resources - Francophone countries	Improvement of Regional Health Care for JOCV's counterpart personnel in French-spoken African countries	Seminar for Health Policy Development	Future Health Planning based on Health Forecasting Method	Seminar for Food Safety Policy Making and Management
New	New	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	New	New	Cont.	Cont.	Cont.
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TIC (Human)	KIC	CBIC	TIC (Human)	HIC	TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	OSIC	OIC	SIC	TIC (Human)	HIC	TIC (Human)	YIC	TIC (Human)
185	188	141	197	204	206	207	209	210	214	222	213	216	217	224	224	225

## (4) Health : Communicable Diseases Control

	Standard Category		Leaders Training Program							Trainers Training Program		
	Type	Group					Country-focused	Long-term	Group			
	Program No.	0880219	0880367	0880880	0880884	0880813	0884015	0884044	0881112	0880739	0880787	
Program Title		Women Leaders' Training on Health Promotion and Nutrition Improvement	Vaccine Quality Control Technology	Seminar on Epidemiology and Control Measures of Vaccine Preventable Diseases - Polio End Game -	Development of Laboratory Diagnosis of Resistant Microbes -general Microbiology Applied to Clinical Laboratory-	Clinical Medicine and Research for Tropical Diseases	Clinical Laboratory Technology for Francophone African Countries	Improvement of Blood Screening for Central American Countries	Epidemiology of international infectious diseases	Laboratory Diagnosis Techniques for Global Polio Eradication	Laboratory Management for Diagnosis and Monitoring of HIV Infection	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Cont.	New	Cont.	Revise
1. Strengthening capacity concerning cross cutting issues of infectious disease control	1-1 Reinforcement of health policy planning capacity									●		
	1-2 Strengthening health system									●		
	1-3 Strengthening surveillance system									●		
	1-4 Improvement of prevention system								●	●		
	1-5 Strengthening technical capacity and implementation system of examination				●		●	●	●	●		
	1-6 Strengthening system for diagnosis and treatment									●		
2. HIV/AIDS Strengthening HIV/AIDS control program to reduce HIV infection and to improve the quality of life of people living with HIV/AIDS and their families	2-1 Strengthening of HIV prevention program											●
	2-2 Strengthening of quality HIV testing and counseling services (comprehensive VCT and Providers-Initiated Testing and Counseling)											
	2-3 Strengthening the system of diagnosis and treatment services					●						●
	2-4 Strengthening care and support for people living with HIV/AIDS and their families	●										
	2-5 Strengthening HIV/AIDS management capacity through health system improvement and integration with other health programs											
3. Tuberculosis Strengthening Tuberculosis management capacity of National Tuberculosis Program(Counterpart Organizations) to achieve the global target DOTS case detection rate of 70 % or more and TB cure success rate of 85% or more.	3-1 Strengthening capacity to implement quality DOTS											
	3-2 Strengthening capacity to implement quality Beyond DOTS for more vulnerable people											
	3-3 Pediatric TB control, Hospital DOTS											
4. Parasitic disease including Malaria Reinforcement of system to decrease prevalence and mortality	4-1 Strengthening the system to prevent epidemics											
	4-2 Improvement of diagnosis and treatment services					●						
	4-3 Strengthening management system for parasite control											
5. EPI and Polio Strengthening measures for reduction of mortality and morbidity of vaccine-preventable diseases through improving immunization coverage rate	5-1 Strengthening capacity for planning and monitoring of EPI activities		●	●							●	
	5-2 Strengthening implementation of immunization programs			●								
	5-3 Strengthening promotion of immunization programs			●								
6. Emerging infectious disease Reinforcement of system to control emerging disease infection	6-1 Preparatory measures and prevention activities for outbreaks									●		
	6-2 Strengthening system for surveillance, examination, diagnosis and treatment									●		
	JICA CENTER	OBIC	OSIC	KIC	KIC	KIC	OSIC	KIC	OSIC	TIC (Human)	TIC (Human)	
	PAGE	165	166	168	168	167	174	175	173	179	180	

Solution Creation Program												
Group												Country-focused
0880871	0880910	0880960	0880961	0880964	0880966	0880773	0880819	0880820	0880823	0880086	0880101	0884201
Seminar on Parasite Control Administration For Senior Officers II -A step Towards Community Development through School Health-Control	Study Programme on Communicable Diseases Control	Health Systems Management	Clinical Laboratory Technology	Stop TB Action Training Course	Tuberculosis Laboratory Network for DOTS Expansion	The Specialist of Nosocomial Infection Control and Prevention	Control of Viral Hepatitis - Epidemiology, Prevention and Treatment	Prevention and Control Measures of AIDS	Enhancement of Community Health Systems for Infection Control	HIV/AIDS Diagnosis, prevention and Control Plan	Improvement of Infectious Disease Control and Other Health Issues through Enhancement of District/Provincial Health System	Biosafety for Emerging Diseases for Asia
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise	Revise	Revise	New	New	Cont.
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TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	KIC	KIC	OIC	OSIC	KIC	TIC (Human)
206	208	209	210	211	212	200	201	202	203	193	195	221

International Dialogue Program	
Group	
0880741	0880906
Seminar for Health Policy Development	Future Health Planning based on Health Forecasting Method
Cont.	Cont.
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TIC (Human)	YIC
224	224

## (5) Health: Maternal and Child Health/Reproductive Health

	Standard Category	Leaders Training Program											T
	Type	Group							Country-focused			Long-term	Gr
	Program No.	0880209	0880219	0880367	0880717	0880862	0880880	0880911	0884160	0884192	0884227	0881110	0880739
Program Title	Seminar on the Promotion of Education for Girls and Women	Women Leaders' Training on Health Promotion and Nutrition Improvement	Vaccine Quality Control Technology	Seminar on How To Reduce Child Deaths and International Cooperation - In focus on Millennium Development Goals, No. 4, 5 and 6 -	Rural Life Improvement and Rural Development for Women	Seminar on Epidemiology and Control Measures of Vaccine Preventable Diseases - Polio End Game -	The Maternal and Child Health and Welfare Workshop	Seminar on Epidemiology and Control Measures of Vaccine Preventable Diseases for French-speaking African Countries	Human Resource Development in the field of Maternal and Child Health in French Speaking Africa	Women's Health and Maternal and Child Health Support for the Middle East Countries	International Health Study	Laboratory Diagnostic Techniques for Global Polio Eradication	
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	Cont.
1. Improvement of Major Reproductive Health Issues in Development	1-1. Improvement of Maternal Health		●			●		●		●	●	●	
	1-2. Reduction of Infant Mortality/Morbidity			●	●			●	●	●		●	●
	1-3. Reduction of Unwanted Pregnancy					●							
2. Improvement of Women-Specific Health Problems and Measures against Infertility	2-1. Measures against disorders and risks to Health by the life stage												
	2-2. Measures against infertility												
3. Gender Equality and Women's Empowerment	3-1. Elimination of Unequal opportunities between Men and Women	●				●							
	3-2. Reduction of Violence against Women and Sexual Violence										●		
	3-3. Promotion of Understanding and Participation by Men												
	3-4. Promotion of Social Participation of Women and Improvement of their Economic Power					●							
4. Establishment of System to Improve Reproductive Health	4-1. Establishment of political commitment												
	4-2. Reinforcement of Administration Systems for Health									●	●	●	
	JICA CENTER	TIC (Human)	08IC	08IC	KIC	SKIC	KIC	TIC (Human)	KIC	SIC	KIC	08IC	TIC (Human)
	PAGE	523	165	166	166	524	168	169	176	177	177	172	179

Trainers Training Program			Solution Creation Program												
Group	Country-focused		Group								Country-focused				
0880787	0884013	0884239	0880255	0880707	0880868	0880889	0880757	0880820	0880093	0880099	0884107	0884122	0884238	0884051	0884130
Laboratory Management for Diagnosis and Monitoring of HIV Infection	Maternal and Child Health Promotion Based on Community in Central and South America	Safe Motherhood Midwifery Course for Asia	Nursing Management	Workshop on Reproductive Health Strategy for NGO Leaders-Capacity Development of NGO Towards Sustainability-	Workshop on Adolescent Sexual and Reproductive Health -Strengthening Strategy for Youth Friendly Environment and Partnership Development-	Empowerment of Rural Women	Maternal and Child Health	Prevention and Control Measures of AIDS	MATERNAL HEALTH-Assistance for Improvement of Regional Level Maternity Care	HUMAN RESOURCE DEVELOPMENT FOR THE RURAL COMMUNITY-HEALTH	Nursing Management of Maternal and Child Health for African Countries	Workshop on BCS Strategy for Improving Reproductive Health Status for African Countries	Workshop on Safer Motherhood Strategy for Asia (Understanding of Conducive Environment for Mothers at the Community Level)	Maternal and Child Health for French-Speaking African Countries	Support for the Establishment of Neonatal Screening System for Middle East Region
Revise	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise	New	New	Cont.	Cont.	Cont.	Revise	Revise
	●	●	●	●			●		●	●	●	●	●	●	●
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TIC(Human)	OIC	OSIC	TIC(Human)	TIC(Human)	TIC(Human)	TBIC(Training)	SIC	KIC	HIC	KIC	TIC(Human)	TIC(Human)	TIC(Human)	TIC(Human)	SIC
180	184	190	197	198	205	527	199	202	194	347	218	219	223	215	220

(6) Water Resource/Disaster Management: Water Resource

	Standard Category	Leaders Training Program									
	Type	Group									
	Program No.	0880006	0880229	0880839	0880851	0880876	0880890	0880915	0880944	0880962	0880997
Program Title	Domestic Waste Water Treatment Techniques	Non-Revenue Water Management	Integrated Water Resources Management	Integrated Water Resources and Environmental Management in Arid Regions	Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide	Irrigation Water Resources in Arid & Semi-Arid Region and E.I.A For Sustainable Development	The Seminar on administration by Competent Authorities for Better Management of Water	Engineering on Water Supply Systems	Water Environmental Monitoring	The environmental Management of Enclosed Coastal Seas	
Development Strategic Objectives	Objectives / New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Promoting Integrated Water Resources Management	1-1 Institutional Strengthening to Promote INRM			●	●						●
	1-2 Promoting River Basin Management			●							●
	1-3 Effective management of cross-national river			●							
2. Ensuring Efficient and Sustainable Supply of Safe Water	2-1 Controlling Water Demands		●					●	●		
	2-2 Increasing Water Supplies with Water Resource Development							●	●	●	
	2-3 Conserving Water Quality (both at Source and at the Tap)				●			●	●	●	●
	2-4 Ensuring Equitable Water Allocation		●					●	●	●	
3. Improving Flood Control to Protect Lives and Properties	3-1 Institution Building for Disaster Preparedness										
	3-2 Strengthening Erosion and Sediment Control for Debris Hazards Mitigation					●					
	3-3 Promoting Flood Mitigation										
	3-4 Strengthening seaside preservation measure										●
4. Conserving the Water Environment	4-1 Improving the Capacity for Water Environmental Management			●	●					●	●
	4-2 Developing Wastewater Treatment Facilities	●			●						●
	4-3 Promoting Water Environmental Conservation in Public Waters				●					●	●
JICA CENTER	KIC	CBIC	TIC (Economic)	SIC	TIC (Economic)	CIC	TIC (Economic)	TIC (Economic)	TIC (Economic)	HIC	
PAGE	554	229	229	230	231	232	254	233	561	563	

						Trainers Training Program				Solution Creation Program						
Country-focused						Group		Country-focused		Group						Country-focused
0884018	0884027	0884143	0884184	0884223	0884233	0880763	0880083	0884064	0884248	0880043	0880870	0880815	0880822	0880065	0884073	
Sewage treatment technique for Central and South America	Water Supply in Small and Medium Scale Cities in Central Asia	Waterworks Engineering for Caucasus and East Asia Regions	Management of Urban Water System for Southeast European Countries	Integrated Arsenic Mitigation for Asian countries	Integrated Water Resources Management for Middle East	Waterworks Engineering	Urban Waterworks Engineering	Flood Hazard Mapping for Asian Countries	Community Empowerment through Safe Water Management for Arid Regions in French Speaking Africa	Training Course for Expert on Flood-related Disaster Mitigation	Operation and Maintenance of Urban Water Supply Systems	Industrial Wastewater Treatment Technique	Marine Environment Protection for Senior Officials in the Maritime Authorities and Law Enforcement Authorities	Comprehensive Management of River and Dam	Water Supply Management for Middle Eastern Countries ~Maintenance of distribution pipeline and Leakage prevention~	
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	New	Cont.	Cont.	Cont.	Cont.	Revise	Revise	New	Revise	
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CIC	YIC	SIC	SIC	KIC	TIC (Economic)	SIC	YIC	TBIC (Training and Partnership)	SIC	TBIC (Training and Partnership)	OSIC	KIC	OIC	TBIC (Training and Partnership)	CIC	
564	234	236	237	239	239	242	240	245	249	250	253	581	582	251	256	



## (7) Water Resource/Disaster Management: Disaster Management

Standard Category	Leaders Training Program														
	Type	Group								Country-focused					
	Program No.	0880035	0880221	0880839	0880875	0880876	0880892	0880933	0880780	0884047	0884118	0884133	0884139	0884165	
Program Title	Operating Management of Earthquake-Tsunami - Volcano Eruption Observation System	Disaster Mitigation, Preparedness and Restoration for Infrastructure	Integrated Water Resources Management	Seismology, Earthquake Engineering and Disaster Mitigation	Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide	Mitigation Strategy for Urban Earthquake Disaster	The Group Training Course in Fire Prevention Techniques	Reinforcement of Meteorological Services	Disaster Prevention Management for Central Asia and Caucasus	Management of Medical Service in Disaster For Andean countries	Control de Desastres	Mental Health Services after Disaster for Asian Countries	Tsunami Disaster Mitigation for Asian Countries		
Development Strategic Objectives	New/Cont. Cycle	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	Cont.	Cont.	Cont.	Cont.	Cont.	
1. Building of disaster-tolerant community and society (prevention)	2. First-aid	Disaster Management	●							●	●		●		
		Earthquake				●		●							
		Tsunami												●	
		Flood / Sediment Disaster/ Storm Surge			●		●								
		Volcanic Eruption					●								
		Weather/ Climate								●					
		Fire Defense Search & Rescue							●						
2. First-aid that reaches victims rapidly and effectively (protect lives)	2. Response	Disaster Management		●											
		Earthquake						●							
		Tsunami												●	
		Disaster Medicine									●		●		
		Fire Defense Search & Rescue							●						
3. Accurate shangover toward recovery, reconstruction and implementation	3. Recovery/ Reconstruction	Disaster Management		●											
		Earthquake						●							
		Disaster Medicine											●		
JICA CENTER	OBIC	OSIC	TIC (Economic)	TBIC (Training and Partnership)	TIC (Economic)	HIC	TIC (Public)		HIC	HIC	HIC	HIC	TBIC (Training and Partnership)		
PAGE	228	228	229	230	231	232	243	495	234	235	235	236	237		

			Trainers Training Program							International Dialogue Program					Solution Creation Program	
Long-term			Group		Country-focused					Country-focused					Group	
0884185	0884219	0881113	0880342	0880814	0884064	0884220	0884005	0884151	0884152	0880043	0880999	0880807	0880796	088065	0880829	0884065
Disaster Management and Preparedness in Southeast European Countries	Comprehensive Strategy for Recovery from Natural Disasters for Middle East and Asian countries –Lessons Learned From the Great Hanshin-Awaji Earthquake Case	Development and utilization of mitigative technologies for slope-induced disasters in developing countries (Master's or Doctor's Degree : Engineering)	Rescue Techniques	Fire Fighting Techniques	Flood Hazard Mapping for Asian Countries	Community-based Disaster Prevention – Introduction of Kobe's Efforts for Middle East and Asian Countries	Dissemination and Establishment of Disaster Prevention Culture for Asian Countries	Safer School against Disasters (dissemination of anti-seismic building for communities) in South West Asian Countries	Development of Coordinators for Disaster Nursing for Middle East and Asian countries	Training Course for Expert on Flood-related Disaster Mitigation	Comprehensive Disaster Risk Management	Marine Search and Rescue and Disaster Prevention Course for Policy Planners	Emergency / Disaster Medicine	Comprehensive Management of River and Dam	Top Manager's Seminar, Fire Control Administration	JICA Disaster Network for Asia
Cont.	Cont.	New	Cont.	Revise	Cont.	Cont.	Revise	New	New	Cont.	Cont.	New	Revise		Revise	New
●						●	●	●	●		●					
	●															
		●			●					●				●		
						●					●	●			●	
	●															
									●				●			●
			●	●								●			●	
						●					●					
	●								●							●
HIC	HIC	TIC (Economic)	OSIC	KIC	TBIC (Training and Partnership)	HIC	HIC	HIC	HIC	TBIC (Training and Partnership)	HIC	HIC	OSIC	TBIC (Training and Partnership)	TIC (Public)	OSIC
238	238	233	241	273	245	248	244	246	247	250	255	326	252	368	295	257

## (8) Governance: Administrative Institutions

Standard Category	Leaders Training Program										Trainers Training Program	Solution Creation Program				International Dialogue Program				
	Type	Group			Country-focused			Long-term				Group	Group	Country-focused			Group			
Program No.	0880320	0880709	0880845	0880846	0880901	0880931	0880996	0884162	0884203	0881114	0881121	0881135	0880589	0880687	0880804	0884108	0884207	0884103	0880124	0880777
Program Title	Seminar on National Government Administration for Senior Officials	Seminar on Government Audit	International Seminar on Taxation (General Course)	International Seminar on Taxation (Senior Course)	Development Policies	Customs Administration	Immigration Control Administration (Asian Countries)	Seminar on Government Audit System for Central Asian and Caucasus Countries	International Taxation for Asia	Governance Studies/Public Policy	Economic Policy Design and Management in Asia	International Development	Seminar on Government Human Resource Management for Senior Officials	Seminar on Public Personnel Administration for Middle Level Officials	The Criminal Justice Response to Corruption	Financial Policy for Central Asia and Caucasus Region	Top Management Forum on Local Government Reform for Asia and Africa	Forum on Institutionalization of Evaluation System in Asia	ASOSAI Seminar	International Terrorism Investigation
Development Strategic Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	New	New	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Revise	
Objectives	New/Cont.																			
1. Improvement of the efficiency and effectiveness of administrative functions	1-1 Reinforcement of general coordination functions	●																		
	1-2 Human resource development	●			●						●		●							●
	1-3 Public finance			●		●			●							●				
	1-4 Improvement of transparency of governance		●					●							●				●	
JICA CENTER	TIC (Public)	TIC (Public)	TIC (Ind'l)	TIC (Ind'l)	TIC (Ind'l)	TIC (Ind'l)	OSIC	TIC (Public)	TIC (Ind'l)	TIC (Public)	TIC (Ind'l)	TIC (Ind'l)	TIC (Public)	TIC (Public)	TIC (Ind'l)	TIC (Public)	TIC (Public)	TIC (Public)	TIC (Public)	TIC (Public)
PAGE	261	261	262	263	264	265	267	269	380	267	378	379	272	274	283	289	609	293	294	

## (9) Governance: Local Governance

Standard Category	Leaders Training Program			Solution Creation Program						International Dialogue Program			
	Type	Group	Country-Focused	Long-term	Group	Country-Focused	Country-Focused	Country-Focused	Country-Focused	Group	Group		
	Program No.	0880932	0884199	0881116	08890841	0880994	0884175	0884183	0884207	0884250	0884257	0880029	0880228
	Program Title	Local Governance (Policy Making and Civil Society)	Community Development through Decentralization in the Andes Region	Regional Development for Poverty Reduction	Promote of Enabling Environment for Civil Society and Community Development	Enhancement of Local Government Administration and Public Services (Participatory Local Development)	Local Governance for African Countries	Collaboration between Local Governments and Civil Society Organizations for Asia	Top Management Forum on Local Government Reform for Asia and Africa	Local Government Reform Programme for Anglophone African countries	Area-focused training course Local Government Administration and Public Services (Participatory Local Development) in South West Asian Countries	Seminar for Local Government Officer on Private Sector Development	Top Manager's Seminar
Development Strategic Objectives		Cont.	Cont.	New	Cont.	Revise	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Revise
Institutionalization of local governance system based on the conditions of each country	Objectives												
	Institutionalization of appropriate framework of Inter-governmental Relation (between central and local government)	●	●	●					●	●			●
	Institutionalization of local financing system	●		●			●		●				
	Institutionalization of capacity development system for administrators in the field of local administration	●		●			●			●			
Capacity Development for Local Governance	Institutionalization of collaborative and cooperative relation between central and local government	●		●			●		●	●			
	Planning based on the needs of communities		●			●				●		●	
	Supply of administrative services responding to the needs of communities									●			
	Community management in collaboration with the local community		●		●					●			
	JICA CENTER	TIC (Public)	TIC (Public)	OSIC	TIC (Public)	OSIC	TIC (Public)	TIC (Public)	TIC (Public)	OSIC	OSIC	YIC	TIC (Public)
	PAGE	265	270	268	284	285	287	288	289	291	292	293	295

(10) Governance: Statistics

	Standard Category	Leaders Training Program	Trainers Training Program			Solution Creation Program
	Type	Group	Group		Country-focused	Country-focused
	Program No.	0880934	0880567	0880935	0884034	0884244
	Program Title	Modules on Fundamental Official Statistics	Analysis, Interpretation and Dissemination of Official Statistics	Application of Information and Communications Technology to Production and Dissemination of Official Statistics	Collection and Analysis of Official Economic Statistics for Central Asian and Caucasus Countries	Population Census Practice/Analysis for South America
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.
1. Improvement of Foundation for Statistical Administrations	1-1 Establishment of Administrative organization for Statistics					
	1-2 Improvement of Statistical policy					
	1-3 Support toward Achieving International Development Goals					●
2. Capacity Development and Improvement of Statistical Technique	2-1 Capacity Development of Planning and Implementation of Statistical Research	●			●	●
	2-2 Capacity Development of Collection and Analysis of Statistical Data	●	●	●	●	●
3. Promotion of Use of Statistics	3-1 Improvement of Access to Statistics (Access Infrastructure Development of statistics and Capacity Development for Dissemination of the Results of Statistical Research)		●	●		●
	3-2 Improvement of Statistical literacy					
	JICA CENTER	TIC(Public)	TIC(Public)	TIC(Public)	TIC(Public)	TIC(Public)
	PAGE	266	271	275	279	290

(11) Governance: Legal and Judicial Development

Standard Category	Leaders Training Program		Trainers Training Program					Solution Creation Program				
	Type	Group	Long-term	Group		Country-focused			Group			
	Program No.	0880896	0880993	0881115	0880971	0880972	0880973	0884048	0884173	0884066	0880803	0880804
		Group Training Course on Competition Policy and Law	Intellectual Property Rights	International Economic and Business Law for the Economic Globalization and Economic Partnership Agreement (Master's / Doctor's Degree program)	the Crime Prevention (Treatment of Offenders)	Crime Prevention (the Administration of Criminal Justice)	Crime Prevention (Senior Seminar)	Criminal Justice for Central Asia	Intellectual Property Rights in Africa	Seminar on Comparative Study of Law for Central Asia	Advocating a Law-Oriented Infrastructure to Promote Foreign Direct Investment	The Criminal Justice Response to Corruption
Development Strategic Objectives		Cont.	Cont.	New	Cont.	Cont.	Cont.	Cont.	Cont.	New	Revise	Revise
Rule of Law (Improvement of Social Foundation to establish Rule of Law)	Objectives	●	●									
	Improvement of Legal Stipulation [Improvement of Rules]	●	●						●		●	
	Improvement of Legal Institutions [Improvement of Organization]				●	●	●	●			●	●
	Development of Legal Professions and Other Legal Actors [Improvement of Human resources]	●		●	●	●	●	●		●	●	●
Legal Empowerment (Improvement of Access to Law and Judiciary system)									●			
JICA CENTER	OSIC	OSIC	OSIC	KIC	TIC (Public)	TIC (Public)	TIC (Public)	TIC (Public)	OSIC	OSIC	OSIC	TIC (Public)
PAGE	378	394	267	276	277	278	280	407	281	416	283	

(12) Governance: Public Safety

Standard Category	Leaders Training Program								Trainers Training Program	Solution Creation Program	International Dialogue Program			
	Type	Group									Country-focused	Group		
Program No.	0880706	0880737	0880893	0880908	0880933	0880963	0880965	0880996	0884023	0880048	0884017	0880318	0880777	0880829
Program Title	Seminar on Control of Drug Offences	Seminar on Police Info-Communications	Seminar for Foreign Senior Police Officers	Study Programme on Drug Abuse and Narcotics Control	The Group Training Course in Fire Prevention Techniques	Seminar on Criminal Investigation	Drug Abuse Prevention Activities	Immigration Control Administration (Asian Countries)	Maritime Law Enforcement for East Asian Countries	International Forensic Seminar on Image Processing	Seminar on Police Administrative System for East African Countries	Seminar on Aviation Security	International Terrorism Investigation	Top Manager's Seminar, Fire Control Administration
New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise
1. Public Safety	1-1 Establishment of Administration System		●		●			●				●		●
	1-2 Enhancing Organizational Function			●	●		●	●				●		
	1-3 Development of Human Resources			●			●				●			
	1-4 Establishment of/Enhancing Security Means (Community Policing)	●			●				●					
	1-5 Strengthening community police activity													
	1-6 Improvement of the Techniques for Criminal Investigation		●								●		●	
JICA CENTER	TIC (Public)	TIC (Public)	TIC (Public)	TIC (Public)	TIC (Public)	TIC (Public)	TIC (Human)	OSIC	KIC	TIC (Human)	TIC (Public)	YIC	TIC (Public)	TIC (Public)
PAGE	294	262	263	264	243	266	171	267	269	260	286	331	294	295

(13) Social Security: Support for Persons with Disabilities

Standard Category	Leaders Training Program						Trainers Training Program		Trainers Training Program/ Solution Creation Program		Solution Creation Program								
	Type	Group		Country-Focused		Group	Country-Focused	Group	Group	Group		Country-Focused							
Program No.	0880005	0880321	0880907	0880912	0880958	0880998	0884050	0880030	0884251	0880769	0880222	0880430	0880718	0880742	0880872	0880856	0884010	0884186	0884067
Program Title	Occupational and Environmental Health Management for Sustainable Development	Prosthetic and Orthotic Technique	Study Programme for the Senior Social Administrators	Study Programme for the Senior Social Insurance Administrators	Promotion of Social Participation of Persons with Disabilities through Sports	Medical Staff Training Course	Mainstreaming and Empowerment of Persons with Disabilities in Africa	Leadership Training for Deaf Persons	Promotion of the GBR Program in the Middle East	Occupational Safety Management training in Construction Industry	Working Environment Control for Occupational Disease Prevention	Leadership Development of Persons with Disabilities	Seminar on Policy of Industrial Safety and Health	Seminar on Labour-Management Relations Policy Development	Vocational Rehabilitation and Employment - Promotion of Persons with Disabilities - Workshop Management	Intellectual Disability in Community Activity	Education for Children with Disabilities for South American Countries	Human Resource Development in the Field of Education and Social Welfare for Persons with Disabilities	Independent Living Activity of Persons with Disabilities in Central American and Caribbean Countries
Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New
Development Strategic Objectives	1-1. Direct support for persons with disabilities				●		●	●				●					●		●
	1-2. Special target for direct support of Persons with disabilities				●		●	●				●					●		●
	2-1. Education		●	●	●			●											
	2-2. Training and Employment		●	●	●			●											
	2-3. Welfare		●	●	●			●											
	2-4. Health and Medical Care	●																	
	2-5. Enlightenment																		
2-6. GBR					●			●											
2-7. Management							●												
JICA CENTER	K/C	TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	H/C	TIC (Human)	GSIC	HR/C	TIC (Human)	GSIC	TIC (Human)	TIC (Human)	Y/C	TIC (Human)	TIC (Human)	TIC (Human and Participatory)	GSIC	GSIC
PAGE	300	300	301	301	302	171	302	303	306	305	304	308	309	310	311	312	153	314	313



(14) Transportation

	Standard Category		Leaders Training Program													Trainers Training	
	Type		Group													Group	
	Program No.	0880216	0880400	0880708	0880713	0880744	0880878	0880948	0880949	0880951	0880979	0880783	0880798	0880791	0880743	0880844	
Program Title	Road Engineering and Administration	Seminar of Air Traffic Management	Construction Equipment and Mechanized Construction Management	Information Management for Maritime Activity and Disaster Prevention (Category B Course for Hydrographic Survey)	Seminar on GPS (GNSS) Application, Navigation, Surveillance and Technology	Seminar on Airport Engineering Policy	Comprehensive Bridge Engineering	Seminar on Road Administration	Railway Management	Seminar on Development and Application of Construction Engineering	Colloquium on Urban Public Transport	Sustainable development and public works planning (including environmental and social impact)	Shipping Administration for ASEAN members	Maritime Education of Advanced Information Technology (Navigation)	Urban Environment and Transportation		
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise	New	Cont.	Cont.	
1. Capacity Development of the Transportation Sector	1-1 Development of transport sector management system		•		•	•			•		•			•			
	1-2 Legal system improvement		•			•		•									
	1-3 Transport financial source arrangement								•								
	1-4 Strengthening of human resource development	•	•	•	•	•			•	•	•		•	•	•		
2. Cross-Border Transportation	2-1 Smooth international transportation of cargo and people				•	•	•							•	•		
	2-2 Promptness for borders crossing in regions		•		•	•	•							•			
3. National Transportation	3-1 Improvement of road transportation	•		•						•		•					
	3-2 Improvement of railway transportation								•								
	3-3 Improvement of maritime transportation													•	•		
	3-4 Improvement of air transportation		•			•	•										
	3-5 Strengthening of common policies in multimodal systems		•			•									•		
4. Urban Transportation	4-1 Improvement of urban transportation	•							•								
	4-2 Improvement of public transportation service			•						•	•	•					
	4-3 Transportation Demand Management (TDM) of private vehicles									•						•	
	4-4 Strengthening of traffic safety measures																
	4-5 Prevention of environmental deterioration from urban transportation								•							•	
5. Rural Transportation	5-1 Improvement of infrastructure	•		•				•			•		•				
	5-2 Improvement of traffic transport measures																
	5-3 Enhancement of the sustainability of local traffic system																
JICA CENTER	SIC	TIC (Economic)	YIC	TIC (Economic)	TIC (Economic)	YIC	TIC (Economic)	TIC (Economic)	TIC (Economic)	YIC	TIC (Economic)	OSIC	YIC	HIC	OSIC		
PAGE	316	316	530	317	317	318	319	319	320	532	325	531	318	321	323		

ning Program		Solution Creation Program										International Dialogue Program					
	Country-focused	Group					Country-focused					Group			Country-focused		
0880809	0884149	0880028	0880212	0880883	0880921	0880782	0880807	0884134	0884031	0884068	0880318	0880977	0880978	0880981	0884123	0884208	0884144
Maritime Safety Management for Engineering Instructors	Design and Maintenance of Motors in Road in South West Asia and Neighboring Countries	Private Sector Initiative in Public Service	Seminar on Public Works Administration in Regional Government	The Course in Modernization of Cargo Transport (Physical Distribution)	Automotive Technology for Environmental Protection	Comprehensive Transportation Planning and Project	Marine Search and Rescue and Disaster Prevention Course for Policy Planners	Citizen Participation in the Planning Process of Public Works and Environmental Resettlement: Focusing on the Road Sector in South West Asia	Road management and maintenance for Central Asian Countries	Road Management and Maintenance Technology for Africa	Seminar on Aviation Security	International Maritime Conventions and Ship Safety Inspection	Sustainable Port Development and Planning	Seminar on Strategic Port Management	Seminar on Port Facility Security for ASEAN countries	Cross Border Transport Infrastructure for Mekong Region countries	SEMINAR ON PORT CARGO TRANSPORT & PORT ENVIRONMENT CONSERVATION FOR AFRICAN COUNTRIES
Revise	New	Cont.	Cont.	Cont.	Cont.	Revise	New	Revise	New	New	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New
		•				•				•					•		•
		•															
		•	•														
•	•		•						•						•	•	•
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						•											
						•											
			•														
				•													
HIC	OSIC	TIC (Ind'l)	SIC	OBIC	TBIC (Training and Partnership)	TIC (Economic)	HIC	OBIC	SIC	OSIC	YIC	YIC	YIC	YIC	YIC	YIC	YIC
322	324	410	543	327	585	547	326	330	328	329	331	331	332	332	333	334	333

# (15) Information and Communication Technology

	Standard Category	Leaders Training Program														
	Type	Group													Country-focused	Long-term
	Program No.	0880002	0880052	0880197	0880220	0880716	0880894	0880897	0880945	0880946	0880967	0880989	0880012	0884094	0881139	
Program Title	IP Network Building and Monitoring Technology	IP Network Engineer for E-government Promotion	Internet Applied Technology	The Course for IT System Techniques for Agriculture	Television Programme Production (General)	Telecommunication Outside Plant Engineering Techniques	Radio Regulatory Administration	Satellite Communications Engineering	Optical Fiber Cable Technologies	Telecommunications Standardization	Leadership Development for Information Systems Promotion	Chief Information Officer (CIO) for E-government Promotion	IT HUMAN RESOURCE DEVELOPMENT PROGRAM FOR SOUTHWEST ASIAN AND THE PACIFIC COUNTRIES	Management Information Strategy (Master of Arts)		
Development Strategic Objectives	Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	New	
1. Strengthening Capacity for IT Policy Formulation	1-1 Establishment of Telecommunications Policy															
	1-2 Establishment of Policy to Foster IT Industry													●	●	
	1-3 Establishment of Policy to Eliminate Domestic Digital Divides															
	1-4 User Protection															
2. Human Resource Development in IT	2-1 Development of Engineers and Instructors	●	●	●	●		●	●	●			●	●	●		
	2-2 Development of Policy Makers				●			●			●	●	●	●	●	
3. Improvement of Communication Infrastructure	3-1 Provision of Communication Infrastructure	●	●				●	●								
	3-2 Fostering Internet Service Providers (ISPs)													●		
	3-3 Improvement of accessibility to internet use															
4. Improvement of Efficiency and Effectiveness of Every Sector through the Use of IT	4-1 Promotion of e-Government		●					●				●	●			
	4-2 Promotion of the Use of IT in Every Sector (such as health care, medicine, education)				●											
5. Improvement of Efficiency and Effectiveness of Development Assistance through the Use of IT	5-1 Dissemination and Transfer of Existing Knowledge				●											
	5-2 Sharing and Creation of Knowledge and Experience															
	5-3 IT utilization for transactions for project implementation															
6. Broadcasting, Postal Service					●											
JICA CENTER	HIC	KIC	KIC	OBIC	TIC (Economic)	KIC	YIC	TIC (Economic)	TIC (Economic)	TIC (Economic)	OSIC	OIC	SIC	OIC		
PAGE	336	337	338	438	338	339	339	340	340	341	341	336	342	444		

Trainers Training Program									Solution Creation Program						International Dialogue Program		
Group									Group						Group		
0880016	0880817	0880855	0880856	0880069	0880073	0880075	0880098	0880319	0880953	0880775	0880020	0880023	0880071	0880072	0880952	0880954	0880955
Database Specialist for E-Government Promotion	Telecommunication Network Planning and Designing	Digital Video Production For Dissemination and Enlightenment	Media strategy for community enlightenment	ICT Coordinator Training for utilizing "Information Community (Tele-Center)" towards the dissolution of Digital Divide	Web Application Development (Vendor) for E-Government Promotion	Information, Education and Communication (IEC) in Health Sector	Telecommunications Network Development Planning for Reconstruction Assistance	Web-based Contents Management Systems (CMS) Technology	Networking of Rural Community Information Infrastructure	Digital Broadcast Engineering and Equipment Maintenance Management	PROJECT MANAGEMENT FOR E-GOVERNMENT PROMOTION	WEB APPLICATION DEVELOPMENT (OPEN SOURCE) FOR E-GOVERNMENT PROMOTION	Database Management for E-Government Promotion	Information Security for E-Government Promotion	ICT Executives' Seminar (Broadcasting)	Telecommunications Policy and Regulations	Seminar on Postal Service Management
Revise	Revise	Revise	Revise	New	New	New	New	New	Cont.	Revise	New	New	New	New	Cont.	Cont.	Cont.
01C	K1C	01C	01C	051C	01C	01C	K1C	TB1C (Training and Partnership)	T1C (Economic)	T1C (Economic)	01C	01C	01C	01C	T1C (Economic)	T1C (Economic)	T1C (Economic)
343	349	350	351	344	345	346	347	348	357	356	352	353	354	355	358	358	359

## (16) Natural Resources and Energy: Energy Supply

Standard Category	Leaders Training Program										Trainers Training Program					Solution Creation Program		International Dialogue Program	
	Type	Group					Country-focused					Group					Group		Country-focused
		Program No.	0880860	0880882	0880939	0880983	0880032	0884008	0884187	0884058	0884069	0880034	0880578	0880797	0880827	0884075			
Program Title	Small-Scale Hydro Power and Clean Energy	Sustainable Development of Mining	Hydro-Electric Power Engineering for Stable and Sustainable Supply (for civil Engineers)	Plant Engineering and Technical Standard for Refiners, Chemical and Thermal Power (Others)	Tropical Biomass Utilization	Power Sector Development for Central Asia and Caucasus Region	Geological Mapping and Mineral Information Management for Africa	Electric Power Development Planning in Mekong Region Countries	Solar Power Generation Technology for Middle East Area	Research on Biomass Technology	Thermal Power Engineering Course for Gas Turbine and Coal Fired Steam Turbine	The Improvement for Electric Power Distribution Grid	Electric System engineering (except Distribution)	Enhancement of Capabilities for Geothermal Energy Development for Plan Puebla Panama Countries	Energy Policy	Nuclear Power Generation Infrastructure	Electric Power Forum for Asia		
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	New	Cont.	Cont.	Revise	New	Cont.	Cont.	Cont.			
Objectives																			
1-1 Formulation of a Comprehensive Energy Policy																			
1-2 Formulation of an Electric Power Development Plan																			
1-3 Establishment of Electric Power Technical Standards																			
1-4 Planning, Construction, Operation & Maintenance Management of Electric Power Generation, Transmission, and Distribution Facilities																			
1-5 Training of Engineers in the Electric Power Sector																			
2-1 Rural Electrification Plan for community development is drawn up.																			
2-2 Participated Type Community Development Which Involved in the Local Resident with the Electric Power Supply Enterprise is Performed.																			
2-3 Control of maintenance of the power equipment introduced for the purpose of community development is carried out appropriately.																			
3-1 The Electric Power Development Plan by Renewable Energy is Drawn Up from a Viewpoint of Energy Security and Global Warming Mitigation																			
3-2 The Electric Power Development by Renewable Energy is Carried Out and is Spread Out Appropriately From a Viewpoint of Energy Security and Global Warming Mitigation																			
3-3 Effective Utilization of Renewable Energy for Strengthening Energy Security and Promoting Environmental Conservation																			
JICA CENTER	362	363	371	383	382	364	366	364	365	367	368	370	365	372	374	375			
PAGE																			

(17) Natural Resources and Energy: Energy Conservation

	Standard Category	Leaders Training Program	Solution Creation Program
	Type	Country-focused	Group
	Program No.	0884240	0880315
	Program Title	Energy Conservation Technology and Machine Condition Diagnosis Techniques for Asian Countries	Energy Efficiency and Conservation
Development Strategic Objectives	New/Cont.	Cont.	Cont.
1. Establishing Energy Conservation System	1-1 Understanding of Energy Conservation Policy, Strengthening of Design of Policy and Policy Proposal Function		●
2. Energy Conservation Services by Government	2-1 Transfer of Technologies for Energy Audit	●	
	2-2 Establishing a System of Qualification for Energy Conservation		
	2-3 Establishing Training Courses on Energy Conservation		
	2-4 Publicity of Energy Conservation		
3. Promoting Energy Conservation Market	3-1 Survey for the precedent and market of energy conservation business		
	3-2 Assistance for introduction of model projects and for research and study		
	3-3 Establishment of ESCO association		
	JICA CENTER	KIC	TIC (Ind'l)
	PAGE	366	373

## (18) Financial System

	Standard Category		Leaders Training Program	Solution Creation Program						
	Type		Country-Focused	Group		Country-focused				
	Program No.		0884181	0880040	0880853	0884109	0884242	0884243		
	Program Title		Non-life Insurance System Development for Indochina Countries	Seminar on Economic Development Policies - Strategy for Sustainable Growth	Seminar on Financial System	Stock Exchange Seminar for Asian Countries	Bond Market Development in ASEAN Countries	Necessary Policy Measures and Reform Strategies for Financial System Stability in MIS Countries		
Development strategic Objectives	New/Cont.		Cont.	Cont.	Cont.	Cont.	Cont.	Cont.		
1. Establishment, stabilization, and strengthening of financial system	Comprehensive financial system design		●	●	●		●	●		
	Establishment, stabilization, and strengthening of financial institutions	Financial intermediaries	Establishment of primitive financial system	●			●	●		
			Establishment of system of main financial institutions	Establishment of regulation on financial institutions (Strengthening of prudence policy)			●			●
				Establishment of payment and settlement system						
				Establishment of financial discipline and soundness for financial system stability			●	●		
				Restructuring of financial sector						
				Establishment of government financial institutions						●
		Strengthening of organizational capacity of financial intermediaries	●		●	●		●		
	Other financial institutions (Securities company, life/nonlife insurance company, leasing company, pension fund, venture capital etc.)	●								
	Development of financial market					●	●			
Establishment of finance-related infrastructure		●		●	●	●	●			
2. Implementation of appropriate macro financial policy	Capacity building of central bank for formulating financial policy									
JICA CENTER			TIC(Ind' l)	TIC(Ind' l)	TIC(Ind' l)	TIC(Ind' l)	TIC(Ind' l)	TIC(Ind' l)		
PAGE			396	381	382	384	385	386		

**(19) Private Sector Development: Small and Medium Enterprises Promotion**

Standard Category	Leaders Training Program				Trainers Training Program				Solution Creation Program											
	Group	Country-focused	Long-term	Group	Country-focused	Group	Country-focused	Group	Country-focused	088050	088095	088070	088039	088013	088016	088018	088079	088028	088015	
Development Strategic Objectives	0880842 Practical Corporate Management for Productivity Improvement	0880905 Technical Support for SME Promotion I (Organic Materials/Inorganic Materials & Metals)	0881140 Regional Economic Development (Ph.D. either in Biological Sciences or Biological Engineering AND Master Degree Business Administration (MBA))	0880061 Coordinator Training for Tertiary Education-Industry-Government Linkage to Develop Automobile Supporting Industries	0880412 Business Management for Caucasian Countries	0884226 Small and Medium Enterprises / Local Industry Activation for South America	0881140 Regional Economic Development (Ph.D. either in Biological Sciences or Biological Engineering AND Master Degree Business Administration (MBA))	0880061 Coordinator Training for Tertiary Education-Industry-Government Linkage to Develop Automobile Supporting Industries	0880414 Production Management for Southeast European countries	0884145 Strengthening export competition in SADC region	0880050 Training of Trainers for Supporting SME	0880905 Enterprise Networking Regional Development	0880070 Small and Medium Enterprise Development Policies	0880039 The policy of regional industry promotion for South East European Countries	0880013 Promotion and Support of New Venture for Central and South America	0880016 Regional Industrial Development by PPP for Central America	0880018 Seminar on Development and Promotion of SMEs in South-Eastern Europe	0880079 Reinforcement of Micro, Small and Medium Enterprises Supporting Organization for African Countries	0880028 Improvement of Policy Making and Administration System of Small and Medium Enterprises Development for Middle East Region	0880015 Small & Medium Enterprises Development Policies for Central and South America
1. Development and Operation of a Business Environment for the Growth of SMEs																				
2. Development of SMEs to Increase Industrial Competitiveness																				
	1-1 Elimination of System Constraints and Regulations																			
	1-2 Planning and Implementation of SME Promotion Policies																			
	1-3 Facilitation of Fund Supply and Enhancement of Equity Capital																			
	1-4 Development of Intellectual Infrastructure for Industrial Activities																			
3. Development of SMEs Contributing to Revitalizing Local Industrial Competitiveness																				
	2-1 Strengthening of SME Management Capacity																			
	2-2 Promotion of Business Innovation and Business Start-ups																			
	2-3 Development of Supporting Industries																			
	2-4 Development of Specific Sub-sectors																			
3. Development of SMEs Contributing to Revitalizing Local Industrial Competitiveness																				
	2-5 Promotion of Wholesale Business and Retail Sales																			
JICA CENTER																				
PAGE																				



(20) Private Sector Development: Trade and Investment Promotion

Standard Category	Leaders Training Program						Trainers Training Program						Solution Creation Program						International Dialogue Program			
	Type	Group		Country-Focused		Group	Country-Focused		Group	Country-Focused		Country-Focused		Country-Focused		Country-Focused	Country-Focused					
Program No.	Program Title	0880196	0880225	0880649	0880881	0884035	0884204	0884070	0880842	0880993	0884169	0884217	0884229	0880028	0880803	0884171	0884177	0884205	0884206	0884071	0884150	
		Procedures Governing the DSL, WTO Agreement	Tourism Development for Regional Sustainability	Foreign Trade Development	Improvements of Implementation on Security Exports Controls in Asia	Practical Seminar on Investment Promotion for South-Eastern Europe	Implementation of WTO Agreements in Central and South America	Customs Policy and Administration for Central Asia	Tourism Promotion and Marketing: Targeting the Japanese Market	Intellectual Property Rights	Sustainable Tourism Development in Micronesia Region	Museum Training for Middle Eastern Region	Sustainable Tourism Development in CARICOM countries	Private Sector Initiative in Public Service	Advocating a Law-Driven Infrastructure to Promote Foreign Direct Investment	Capacity Development for the trade promotion between Central America and Japan	Facilitating Trade and Investment in Indian-Ocean Rim Economic Region	Practical Approach for International Trade in APEC countries	Strengthening of Market Competitiveness of Agricultural Products in the African Countries	Tourism Development for the Middle East	Tourism Promotion in Mekong Area	
Development Strategic Objectives		Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Cont.	Cont.	Cont.	New	New	
1. Strengthening responsive capacity for trade and investment within the International Framework		●		●			●	●		●				●		●			●			
2. Capacity Building for Trade Promotion				●					●		●					●				●		
3. Capacity Building for Foreign Direct Investment Promotion			●			●					●				●					●		
		TIC(Inf'l)	CIC	HIC	TIC(Inf'l)	TIC(Inf'l)	TIC(Inf'l)	OSIC	TIC(Inf'l)	OSIC	OIC	OSIC	OIC	TIC(Inf'l)	OSIC	OSIC	HIC	TIC(Inf'l)	TIC(Inf'l)	OSIC	OSIC	OSIC
		388	389	390	392	395	397	379	401	394	406	408	409	410	416	426	427	428	429	422	423	433
		JICA GEMER																				
		PAGE																				

## (21) Private Sector Development: Industrial Technology

	Standard Category	Leaders Training Program			Trainers Training Program			Solution Creation Program	
	Type	Group		Country-focused	Group		Country-focused	Group	
	Program No.	0880860	0880861	0884221	0880034	0880986	0884104	0880792	0880818
Program Title		Small-Scale Hydro Power and Clean Energy Power Engineering	The International Welding Engineer	Practical Production Management (Theory and Practice on Productivity Improvement) for South America	Research on Biomass Technology	Heat Treatment and Surface Finishing Technology for Improving Metal Property	Manufacturing Technology and Production Management System for Southeast Asian Countries	Advanced Bioindustry	Non-destructive Inspection: for Safe Society and Livelihood
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise
1. Improvement of Production Technology	1-1 Improvement of Production Technology		●			●		●	●
2. Improvement of Production Management Technology	2-1 Introduction and Dissemination of Production Management and Planning	●		●	●			●	
	2-2 Introduction and Dissemination of Quality Control	●		●				●	
	2-3 Introduction and Dissemination of Product Management	●		●				●	
JICA CENTER		CBIC	CBIC	KIC	TBIC (Training and partnership)	CBIC	CBIC	CBIC	KIC
PAGE		362	390	397	367	402	404	415	417

(22) Private Sector Development: Industrial Development Institution

	Standard Category	Leaders Training Program				Trainers Training Program			Solution Creation Program	
	Type	Group				Group		Country-focused	Group	
	Program No.	0880045	0880877	0880879	0880941	0880736	0880993	0884173	0880767	0880778
Program Title	Research on Standards, Measurements, Evaluation and Geosciences for Industry	ASEAN International Standards Development Course	Training Course on Product Certification For Trade Facilitation (IECEE/GB Scheme) for ASEAN Countries	Industrial and Commercial Statistics for East Asia and ASEAN Countries	Intellectual Property for APEC Economies	Intellectual Property Rights	Intellectual Property Rights in Africa	Social and Industrial Infrastructure in Legal Metrology	Copyright Systems Development	
Development Strategic Objectives	Objectives <span style="float: right;">New/Cont.</span>	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise
1. Promotion and Development of Intellectual Property	1-1 Establishing System of Intellectual Property							●		●
	1-2 Protection of Intellectual Property					●	●			
2. Improvement and Promotion of Standardization System	2-1 Establishing Metrology System								●	
	2-2 Promotion of Industrial Standardization	●	●	●						
3. Establishing Economic Statistics	3-1 Establishing Economic Statistics System				●					
	3-2 Conduct and improvement of economic statistics survey									
	JICA CENTER	TBIC (Training and Partnership)	TIC(Ind' l)	TIC(Ind' l)	TIC(Ind' l)	TIC(Ind' l)	OSIC	OSIC	TBIC (Training and partnership)	TIC(Ind' l)
	PAGE	388	391	391	393	389	394	407	413	414

## (23) Agricultural/Rural Development: Policy Advice

Standard Category		Leaders Training Program			Trainers Training Program						Solution Creation Program								
Development Strategic Objectives	Program Title	Type	Group			Group						Country-Focused							
		Program No.	0880039	0880220	0880924	0880076	0881127	0881145	0880046	0880026	0880069	0880087	0884002	0884046	0884049	0884014	0880047	0880067	0884135
			Food sanitation administration	The Course for IT System Techniques for Agriculture	Plant variety protection	The group training course on administration of food stock industry	Food safety (Master's degree: Animal and Food hygiene)	Agricultural Development and Environmental Preservation in Nile River Area (Master's degree: Agriculture or Engineering)	Planning and designing of agricultural statistics for agricultural policy making	Agricultural extension planning and management	The role of agricultural cooperatives to be played in activation of rural economy	GIS (Open Source Geographic Information Systems) Technology for Sustainable Management of Natural Resources and Agricultural Production	Rural development for small scale farmers through the agricultural cooperatives activity in Asia	Organizing farmers and roles of agricultural cooperatives for central Asian countries	Enhancement of water users' associations for central Asia and Caucasus	Rural development through promoting small poultry farming in southwest Asia	Infrastructure for agricultural and rural development	Planning of Agricultural Policy	Strengthen of agricultural market economies through enhanced collaboration sectors in South East Europe
									●	●	●	●	●	●	●	●	●	●	
1. Sustainable agricultural production	1-1. Improvement of the ability for planning and operation of agricultural policy in macro-level		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
2. Stable food supply	2-1. Establishment of the demand and supply policy of food		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
			KIC	OBIC	TBIC (Training)	NW	OBIC	CIC	TBIC (Training)	TBIC (Training)	TBIC (Training)	OIC	SIC	TBIC (Training)	NW	TBIC (Training)	TBIC (Training)	OBIC	
			165	438	443	482	444	445	447	459	460	443	466	467	184	480	481	489	
			JICA CENTER			PAGE													

## (24) Agricultural/Rural Development: Agricultural Infrastructure

Standard Category		Leaders Training Program				Trainers Training Program		Solution Creation Program		
		Type	Group	Country-Focused	Country-Focused	Country-Focused	Group	Group		
	Program No.	0880890	0880903	0880923	0881145	0884116	0884049	0884197	0880047	0880200
	Program Title	Irrigation Water Resources in Arid & Semi-Arid Region and E.I.A For Sustainable Development	Agricultural Infrastructure Improvement in Upland Crops Area	Irrigation and Drainage for Rural Development	Agricultural Development and Environmental Preservation in Nile River Area (Master's Degree: Agriculture or Engineering)	Participatory Irrigation Management System for Paddies for Asian Countries	Enhancement of Water Users' Associations for Central Asia and Caucasus	Arid Land Agriculture by Efficient Water Use for Middle East	Infrastructure for Agricultural and Rural Development	Sustainable Management of Irrigation and Drainage Project
Development Strategic Objectives		Cont.	Cont.	Cont.	New	Cont.	Cont.	Cont.	Cont.	Cont.
Objectives						●			●	
1. Sustainable agricultural production	Capacity Development for Comprehensive Approach to Agricultural Infrastructure									
	Practice of Project Plan Capacity Development of Problem-solving in the Field				●					
	Capacity Development of Administration and Technical Support for Project Implementation								●	
	Technical Approach									●
	Establishment of Water Management Organization Enhancement of Water Users' Associations (WUA)					●				
	JICA CENTER	CIC	OBIC	TBIC (Training)	CIC	SIC	TBIC (Training)	TBIC (Training)	TBIC (Training)	TBIC (Training)
	PAGE	232	442	458	445	487	467	476	480	483

(25) Agricultural/Rural Development: Livestock

Development Strategic Objectives	Standard Category	Program Title	Trainers Training Program								Solution Creation Program		International Dialogue Program						
			Group			Country-Focused			Group	Country-Focused	Group	Country-Focused							
			Program No.	Long-Term	Group	Program No.	Long-Term	Group											
1. Sustainable and maintenance of agricultural production	Development Strategic Objectives	New/Cont.	0880025	0880213	0880218	0880666	0880918	0880920	0881127	0880714	0880326	0884249	0884081	0884140	0880042	0880076	0884025		
			Pasture Based Livestock Farming Development	Veterinary Technology for Farm Animals	Utilization and Preservation Techniques for Animal Products	Research on Veterinary Technology	Hazard Analysis Management for Animal Food	Advanced Research Course on Control of Zoonosis for Food Safety	Food safety	Cattle Artificial Insemination Extension System	Poultry Production, Management and Disease Prevention Technology	Rural Development through Promoting Small Herd Animals Husbandry for Africa	Rural development through promoting small poultry farming in Southwest Asia	Principle and practice of the dairy cow management for milk production with better quality in Middle East Region	Sustainable Livestock Production System	Administration of Livestock Industry	Regional Workshop on Avian Influenza Control for Asian Countries		
			Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	Cont.	Revise	Cont.	New	New	Cont.	New	Cont.		
			●		●	●	●			●	●		●			●	●	●	
			Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production	Livestock Production
			1-2-2 Reinforcement of examination, research and technical development	1-2-1 Establishment and maintenance of production infrastructure	1-2-5 Acquisition and improvement of resources for agricultural production														
			Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry	Poultry
			Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle	Dairy & Beef Cattle
			Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine	Veterinary Medicine
			OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC	OBIC
			437	437	438	441	457	442	444	450	456	477	471	473	479	482	491		
			JICA CENTER																
PAGE																			

(26) Agricultural/Rural Development : Agricultural Technology/ Environment/Natural Resources

	Standard Category		Leaders Training Program										
	Type		Group							Country-focused			
	Program No.		0880001	0880003	0880227	0880724	0880850	0880858	0880900	0880924	0884019	0884193	0884194
Program Title													
			Myo toxin Inspection in Food	Agrobiotechnology	Food Processing and Preservation Technology	Organic Agriculture Technology for Environment Conservation	Soil Diagnosis and Conservation	Vegetable Cultivation Technology	Low Input Agricultural Management System	Plant Variety Protection	Upland Rice Variety Selection Techniques for Sub-Saharan Africa	Upland Cereal Crops Management for Extension Officers in Asia and Africa	Improvement and Modification of Agricultural Machinery for Africa
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Sustainable agricultural production	1-2-2 Reinforcement of examination, research and technical development	Production System Improvement											
	1-2-5 Acquisition and improvement of resources for agricultural production		●	●	●	●	●	●	●	●	●	●	●
2. Stable food supply	2-3 Establishment of import system												
1. Sustainable agricultural production	1-4 Improvement of environmental consideration	Environmental Consideration					●		●				
3. Promotion of lively rural areas	3-5 Preservation of the environment of rural areas												
JICA CENTER			HIC	HIC	CIC	OBIC	OBIC	TBIC (Training)	OBIC	TBIC (Training)	TBIC (Training)	OBIC	OBIC
PAGE			436	436	439	439	440	440	441	443	445	446	446

Long-term		Trainers Training Program													Solution Creation Program		
Long-term		Group						Country-focused							Long-term	Country-focused	Long-term
0881124	0881145	0880199	0880770	0880771	0880808	0880810	0880824	0884011	0884033	0884052	0884054	0884057	0884082	0881126	0884206	0881141	
Sustainable Rice Cultivation	Agricultural Development and Environmental Preservation in Nile River Area	Development Farm Machinery for Small-Scale Farmers	Conservation and Sustainable Use of Plant Genetic Resources	Rice Cultivation Techniques Development	Foodborne Infection Prevention	Integrated Pest Management for Plant Protection	Thermal treatment for the disinfestation of Fruit flies	Extension Methodologies of Organic Agricultural Techniques for Small Scaled Farmers for Central America and Caribbean countries	Organic Agriculture Technology/Sustainable Agriculture for Central Asia	Rice Cultivation Techniques for Small Scale and Extension for Africa	Horticulture crop Cultivation and Extension for Africa	Agricultural mechanization for Central Asia and Caucasus	Post-harvest Rice Processing ( African Countries (French))	International Agriculture Science Development	Strengthening of Market Competitiveness of Agricultural Products in African Countries	Environmental symbiosis agriculture	
New	New	Cont.	Revise	Revise	Revise	Revise	Revise	Cont.	New	New	New	New	New	New	Cont.	New	
		•	•	•	•		•	•	•	•	•	•	•	•	•	•	
•	•					•			•							•	
THIC	CIC	TBIC (Training)	TBIC (Training)	TBIC (Training)	HIC	HIC	OIC	TBIC (Training)	SIC	TBIC (Training)	TBIC (Training)	TBIC (Training)	THIC	YIC	TBIC (Training)	TBIC (Training)	
378	445	448	451	452	453	454	455	464	465	468	469	470	472	462	429	486	



(27) Agricultural/Rural Development: Farmer Organizations/Extension Service/Rural Development

	Standard Category	Leaders Training Program	Trainers Training Program								
	Type	Region-focused	Group			Region-focused					
	Program No.	0884193	0880211	0880926	0880969	0884002	0884029	0884046	0884049	0884180	0884196
Program Title	Upland Cereal Crops Management for Extension Officers in Asia and Africa	Integrated Agriculture and Rural Development Through the Participation of Local Farmers	Agricultural Extension Planning and Management	The Role of Agricultural Cooperatives to be Played in Activation of Rural Economy	Rural Development for Small-Scale Farmers Through the Agricultural Cooperatives Activity in Asia	Seminar on Administration for Rural/Regional Development: One Village, One Product Movement for ASEAN Countries	Organizing Farmers and Roles of Agricultural Cooperatives for Central Asian Countries	Enhancement of Water Users' Associations for Central Asia and Caucasus	Asia-Africa Cooperation on "Rural Community Development by Livelihood Improvement Approach"	Capacity Development for the supports of Farmers' Organizations and Management for Francophone Africa	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Sustainable agricultural production	1-2-1 Establishment and maintenance of production infrastructure [Water Users Association (Land Improvement District)]								●		
	1-2-3 Enhancement of agricultural extension [Extension System]	●		●							
	1-2-4 Improvement of farm management [Farmers Association (Farmers Cooperative)]	●			●	●		●	●		
3. Promotion of lively farm villages	3-1 Promotion of rural prosperity related policy [Common Issues for Rural Development, Farmers Association, Extension System]		●								
	3-6 Promotion of livelihood improvement [Livelihood Improvement]									●	●
	3-2 Growth of non-agricultural income [Rural/Regional Development (One Village, One Product Movement)]						●				
	3-7 Promotion of villages cooperative activity	●									
	JICA CENTER	OBIC	TBIC (Training)	TBIC (Training)	TBIC (Training)	OIC	KIC	SIC	TBIC (Training)	TBIC (Training)	TBIC (Training)
	PAGE	446	449	459	460	463	538	466	467	474	475

			Solution Creation Program									International Dialogue Program
			Group						Region-focused			Country-focused
0884197	0884222	0884249	0880036	0880840	0880847	0880889	0880990	0880805	0884174	0884125	0884135	0884245
Arid Land Agriculture by Efficient Water Use for Middle East	Regional Development Promotion for ASEAN countries -One Village One Product-	Rural Development through Promoting Small Herbivorous Animal's Husbandry for Africa	Sustainable Rural Development	Seminar on Agricultural and Rural Development	Assurance of Food Safety and Quality Control	Empowerment of Rural Women	Distribution of Fresh Fruits and Vegetables (focused on wholesale markets)	Participatory Community Development for Practitioners through JICA-NGO Partnership	Investigations / Researches on Agricultural and Rural Development for Africa	Participatory Rural Development Network in Central America and Caribbean Region	Strengthen of agricultural market economies through enhanced collaboration sectors in South East Europe	Leadership Training for Women Through Rural Life Improvement (by Maizen) for Central and South America
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Revise	Revise	Cont.
●		●										
				●			●				●	
			●	●			●		●			●
					●	●		●		●		●
	●			●				●		●		
				●				●		●	●	
TBIC (Training)	KIC	TBIC (Training)	TBIC (Training)	SIC	HIC	TBIC (Training)	OSIC	OSIC	TBIC (Training)	TBIC (Training)	OBIC	TBIC (Training)
476	541	477	478	485	204	527	461	484	490	488	489	528

## (28) Nature Conservation

	Standard Category	Leaders Training Program										
	Type	Group								Country		
	Program No.	0880749	0880756	0880919	0880968	0880970	0880865	0880991	0884210	0884188	0884191	
Program Title	Research on Forest Environment and Resources	Management for Eco-Tourism and Sustainable Use of Natural Park	Forest Management Through Coexistence	Practical Case Studies on Sustainable Forest Management	Forest Watershed Environment, Soil and Water Conservation Technology	Conservation, Restoration and Wise-Use of Wetland Ecosystems and Their Biological Diversity	Environmental Education Focused on Fresh Water Environment -For Tertiary Level Teaching Staff-	Rehabilitation of degraded lands in Asia and Africa	Promoting Forest Ecotourism to Revitalize Regional Economies in Africa	Criteria & Indicators (CSI) and Forest Certification for Pan-Pacific Countries		
Development Strategic Objectives	Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	
1-1. Sustainable Use of Natural Resources	To establish and improve policies and institutional system (framework) for the sustainable use of natural resources								●		●	
	To establish and strengthen organizations for the sustainable use of natural resources			●						●	●	
	To establish and improve an extension system for the sustainable use of natural resources			●								
	To support sustainable livelihood improvement due consideration of the sustainable use of natural resources			●						●	●	
	To raise awareness of the stakeholders for the sustainable use of natural resources							●	●			
1-2. Sustainable Forest Management	To establish and improve policies and institutional system (framework) for the sustainable forest management				●						●	
	To establish and strengthen organizations (organizational set-up) for the sustainable forest management				●	●				●		
	To establish and improve training system for the sustainable forest management											
	To develop capacities for basic research and survey required for the sustainable forest management	●		●	●	●					●	
	To develop and apply technologies for the sustainable forest management	●			●	●						
	To raise awareness of the stockholders for the sustainable forest management			●						●		
2. Biodiversity Conservation	To establish and improve policies and institutions for ecosystem conservation						●					
	To establish and strengthen organizations (organizational set-up) for ecosystem conservation		●									
	To improve management plan and establishment of an implementing system for protected areas		●		●							
	To develop capacities for basic research and survey for ecosystem conservation	●					●					
	To develop and apply technologies for ecosystem restoration and prevention of further degradation						●					
	To support sustainable livelihood improvement due consideration of the sustainable use of natural resources		●				●					
	To raise awareness of the stakeholders for ecosystem conservation		●	●			●	●				
3. Restoration of Degraded Area / Rehabilitation of Degraded Land	To establish and improve policies and institutions for the restoration of degraded land											
	To establish and strengthen organizations for the restoration of degraded land											
	To improve management plan and establishment of an implementing system for land use and the rehabilitation of vegetative condition					●						
	To establish and improve an extension system for the restoration of degraded land											
	To develop capacities for basic research and survey for the restoration of degraded land					●			●			
	To develop and apply technologies for the restoration of degraded land in the light of (due consideration of) the land use pattern and local environmental condition	●							●			
	To support sustainable improvement of livelihood											
	To raise awareness of the stakeholders for the restoration of degraded land								●			
JICA CENTER	TBIC (Training and Partnership)	0BIC	0BIC	TIC (Economic)	TIC (Economic)	0BIC	0SIC	YIC	SIC	SIC		
PAGE	494	494	496	496	512	495	570	500	499	499		

					Trainers Training Program											Solution Creation Program	
-focused			Long-term		Group							Country-focused				Group	
0884178	0884063	0884202	0881130	0881129	0880015	0880031	0880843	0880011	0880087	0880759	0880068	0884030	0884062	0884074	0880789	0880988	
Wetland Conservation for Southeast European Countries	Forest Management Policy in Asia – Sustainable Forest Management with Collaboration between Local Government and Community	Capacity Building for Officers dealing with AR-CDM Project for Asia-Pacific Region and South & Central America	Sustainable and eco-friendly food production	Subtropical Marine Science (Master's degree: Science)	Conservation and Sustainable Management of Mangrove Ecosystems	Environmental Education for Sustainable Development-Conservation of Coastal Ecosystems for Lives of Local Communities-	Planning & Management of Eco-tourism in Tropical and Subtropical Area	Management and Conservation of Coral Reef Ecosystem in Asia Pacific Region	Education Through Nature Experience Focused on Waterside	Environmental education through nature experience	Satellite Remote Sensing Data Analysis Technology for Disaster/Environmental Monitoring	Wildlife Conservation and Management for Africa	environmental education for sustainable development in Central and South America	Dissemination of Education for Sustainable Development through environmental education in Pacific Region	Biodiversity Information System	Integrated Basin Management for Lake Environment	
Cont.	New	Cont.	New	New	Cont.	Cont.	Cont.	Cont.	New	Revise	New	Cont.	New	New	Revise	Cont.	
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08IC	08IC	TIC (Economic)	SKIC	0IC	0IC	0IC	0IC	0IC	08IC	08IC	TIC (Economic)	TIC (Economic)	08IC	HIC	TIC (Economic)	08IC	
498	498	565	497	444	502	503	507	501	505	506	504	508	509	510	511	587	

## (29) Fisheries

	Standard Category	Leaders Training Program						Trainers Training Program	Solution Creation Program		
	Type	Group					Country-focused	Country-focused	Group		
	Program No.	0880336	0880351	0880848	0880975	0880976	0884215	0884038	0880752	0880852	0880863
Program Title	Stock management and Enhancement in the Sea	Prevention of Cultured Fish Disease and Fish-Borne Disease	Sustainable Aquaculture Development	Coastal Fishing Technique for Sustainable Resource Use	Gender Mainstreaming in Fishing Community Development	Maintenance of Refrigeration System for Oceania	Community-based Fisheries Diversification in Pacific Small Island States	Capacity Building of Local Government for Sustainable Fishery Development	Planning of Fisheries Community Development	Coastal Fisheries Resource Management	
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Fishing village development	1-1 Increase of income from fisheries				●		●			●	
	1-2 Diversification of income sources			●		●			●	●	
	1-3 Life improvement of fishing village dwellers								●	●	●
2. Stable food supply	2-1 Enhancement of fisheries production				●						
	2-2 Development of aquaculture	●	●	●							
	2-3 Safety measures and quality control of fisheries products		●								
	2-4 Improvement of fisheries product processing and distribution/Development of fisheries infrastructure		●				●			●	
3. Fisheries resource management	3-1 Stock assessment				●				●		
	3-2 Fisheries management				●				●		●
	3-3 Fishing ground conservation	●						●	●	●	●
	3-4 Stock Enhancement	●	●	●							
	JICA CENTER	SKIC	CIC	YIC	KIC	YIC	OSIC	OIC	CIC	YIC	YIC
	PAGE	514	514	515	515	524	516	517	518	519	520

(30) Gender and Development

	Standard Category		Leaders Training Program						
	Type		Group						
	Program No.		0880009	0880033	0880209	0880219	0880717	0880723	0880862
	Program Title	Seminar on Gender Perspective in Environment and Development	Seminar: Educating Leaders of Communities for the Improvement of Women's Status and Quality of Life	Seminar on the Promotion of Education for Girls and Women	Women Leaders' Training on Health Promotion and Nutrition Improvement	Seminar on How To Reduce Child Deaths and International Cooperation - In focus on Millennium Development Goals, No. 4, 5 and 6 -	Seminar on Gender Mainstreaming Policies for Government Officers	Rural Life Improvement and Rural Development for Women	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
Achievement of gender equality and promotion of the empowerment of women	1. Policy and institutional support to promote gender equality	1-1 Reexamine discriminative system, law and policy toward women							
		1-2 Compile gender disaggregated data (gender statistics) and promote effective utilization of gender statistics						●	
		1-3 Strengthen mechanism and functions of National Machineryes							
		1-4 Raise gender awareness of policy makers and decision makers							
		1-5 Strengthen the capability of officials related to promoting gender equality						●	
		1-6 Develop managerial capacity of departments/agencies for promoting gender mainstreaming						●	
		1-7 Establish effective network among national machineryes, line Ministries, NGOs and academic institutions						●	
		1-8 Promote women's participation in the decision making process							
		1-9 Apply Gender Responsive Budget						●	
	2. Promote women's participation	2-1 Promote to change social, cultural and institutional systems which hinder women's participation							
		2-2 Create an enabling environment where men and women can participate equally							
		2-3 Sensitize and foster gender-equal civil society							
	3. Promote women's economic empowerment	3-1 Promote equal employment opportunity for women and develop women entrepreneurs							
		3-2 Formulate gender sensitive policies and systems in labor administration							
	4. Promote advancement of women's status in rural area	4-1 Promote women's empowerment in rural area		●					
		4-2 Promote livelihood improvement in rural area		●					●
		4-3 Establish gender sensitive policies and institutional systems in rural development							
	5. Promote gender equality through education	5-1 Formulate gender-equal system for school education			●				
		5-2 Expansion of female students in higher education							
		5-3 Formulate gender sensitive policies and system in educational administration			●				
6. Reduce gender disparity in Health	6-1 Reduce gender disparity in health by improving diet and nutrition		●		●				
	6-2 Enhance reproductive health and rights								
	6-3 Solve vulnerability of women toward HIV/AIDS					●			
7. Eliminate any forms of violence against women	7-1 Eliminate domestic violence (DV)								
	7-2 Promote a comprehensive provision against trafficking								
	7-3 Abolish female genital mutilation (FGM)								
	7-4 Support and protect victimized women								
8. Reduce Information disparity caused in gender inequality	8-1 Promote gender mainstreaming in Media								
	8-2 Arrange information from the standpoint of gender								
	8-3 Strengthen information extension and secure gender-equal access to information								
	8-4 Make gender issue mainstream in the media								
9. Promote gender-sensitive environmental preservation and measure for sustainable development	9-1 Promote gender-sensitive environmental preservation and measures for sustainable development	●							
	9-2 Promote gender mainstreaming in environmental administration	●							
1. Consider gender issues in the all aspects of various sectors	1-1 Consider gender issues in the all aspects of various sectors								
	JICA CENTER	KIC	SKIC	TIC (Human)	OBIC	KIC	KIC	SKIC	
	PAGE	522	522	523	165	166	523	524	

	Trainers Training Program			Solution Creation Program				International Dialogue Program	
	Group		Country-focused	Group				Group	Country-focused
0880976	0880757	0880805	0884248	0880707	0880868	0880889	0880930	0880748	0884245
Gender Mainstreaming in Fishing Community Development	Maternal and Child Health	Participatory Community Development for Practitioners through JICA-NGO Partnership	Community Empowerment through Safe Water Messages for Arid Regions in Tseni Speaking Africa	Workshop on Reproductive Health Strategy for Adolescent Sexual and Reproductive Health (SRHR) Community Development of NGOs Towards Sustainability	Workshop on Adolescent Sexual and Reproductive Health -Strengthening Strategy for Youth Friendly Environment and Partnership Development-	Empowerment of Rural Women	Women's Entrepreneurship Development Training for Leaders	Seminar for Promotion of Gender Equality III	Leadership Training for Women Through Rural Life Improvement (by Kaizen) for Central and South America
Cont.	Revise	Revise	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
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YIC	SIC	OSIC	SIC	TIC (Human)	TIC (Human)	TBIC(Training)	TIC (Public)	TIC (Public)	TBIC(Training)
524	199	484	249	198	205	527	526	525	528

## (31) Urban Development

Standard Category	Leaders Training Program						Solution Creation Program								
	Type	Group			Long-term			Group			Country-focused				
		Program No.	0880708	0880799	0880980	0880798	0881131	0881132	0880230	0880708	0880799	0880947	0880950	0880782	0884134
	Program Title	Project Management and Evaluation for Civil Engineers in Public Works	Construction Equipment and Mechanized Construction Management	Seminar on Development and Application of Construction Engineering	National and Regional Development Policy	Sustainable development and public works considering environmental and social impact	Urban Engineering	Infrastructure Planning and Design (Master's or Doctor's degree; Engineering)	Seminar on Public Works Administration in Regional Government	Urban Development (focused on Land Readjustment Measure)	Building Codes and Control Systems (Building Safety and Social/Environmental Consideration)	Comprehensive City Planning	Improvements of Housing and Living Environments	Comprehensive Transportation Planning and Project	Citizen Participation in the Planning Process of Public Works and Environmental & Social Considerations Relating to Resettlement Focusing on the Road Sector in South West Asia
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Revise	New	New	Cont.	Cont.	Cont.	Cont.	Revise	Revise	
2. Urban Development	2-1 Planning of Urban Development Policies			●											
	2-2 Planning of land use														
	2-3 Improvement of general urban Infrastructure	●	●	●											
	2-4 Improvement of Living Environment									●					●
	2-5 Urban Environment Conservation and Enhancement of Urban Disaster Prevention Capability						●				●				
	2-6 Enhancement of Urban Management Capability	●						●						●	
JICA CENTER	YIC	YIC	YIC	YIC	YIC	OSIC	TIC (Economic)	TIC (Economic)	SIC	TIC (Economic)	TIC (Economic)	TIC (Economic)	TIC (Economic)	OBIC	
PAGE	530	530	532	532	532	531	533	534	543	544	545	549	550	547	330



**(32) Regional Development**

Development Strategic Objectives	Standard Category		Leaders Training Program				Trainers Training Program				Solution Creation Program												
	Type	Program No.	Group	Country-focused	Long-term	Group	Country-focused	Group	Country-focused	Group	Country-focused	Group	Country-focused										
1. Regional Development			0880984	0880768	0884655	0884163	0884032	0881133	0881136	0880727	0880874	0884029	0884110	0884212	0884222	0884232	0880922	0880764	0884045	0884183	0884252		
		Program Title	Participatory Local Social Development: Project Planning and Management	Infrastructure development and management.	Tourism Promotion for Southeast European Countries	MEPAD Programme on Technical Assistance for Infrastructure (Concrete Structure Maintenance)	Sustainable Regional Tourism Development in Central and South America	Capacity and Regional Development (Master's Degree Program)	Graduate School of Regional development Studies, Toyo university	Participatory Local Social Development: Theories and Practices	Global Mapping: Contribution to Global Mapping Development by GIS	Seminar on Administration for Rural/Regional Development: One Village, One Product Movement for ASEAN Countries	Project Formulation for Regional Development Focused on Human Security for Southeast Asian Countries	Endogenous Regional Economic Development Utilizing Local Resources for Central Asia	Regional Development Promotion for ASEAN countries -One Village One Product-	eco-Tourism and Strategic Regional Development for Eastern Europe	Promotion of Enabling Environment for Civil Society and Community Development	Planning Management of National Mapping and Surveying	GENERAL MANAGEMENT FOR REGIONAL DEVELOPMENT AND PLANNING	Regional Development for Central Asian Countries	Collaboration between Local Governments and Civil Society Organizations for Asia	Community Capacity and Rural Development - Focusing on the Village One Product - for African Countries	
		New/Cont.	Cont.	Revise	Cont.	Cont.	Cont.	New	New	New	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Cont.	Cont.	
		Subject																					
		1-1 Planning of Regional Development Policies (Regional Development Policies)																					
	1-2 Promotion of Regional Economic Development (Economic Development)																						
	1-3 Improvement of Basic Human Needs (Social Development)																						
	1-4 Regional Promotion of Environmental Protection and Disaster-Prevention Measures (Environmental Protection and Disaster Prevention)																						
	1-5 Capacity Development Regarding Regional Development																						
	JICA CENTER		081C	TBIC (Training and Partnership)	SIC	081C	SIC	KIC	TIC (Economic)	081C	TBIC (Training and Partnership)	KIC	081C	081C	KIC	TIC (Inf'l)	TBIC (Training and Partnership)	SIC	SIC	TIC (Public)	KIC		
	PAGE		533	531	292	535	420	534	534	536	537	538	539	540	541	542	548	546	551	288	552		

### (33) Environmental Management: Water Pollution

	Standard Category	Leaders Training Program										
	Type	Group										
	Program No.	0880006	0880007	0880053	0880224	0880729	0880885	0880917	0880938	0880982	0880991	0880992
Program Title	Domestic Waste Water Treatment Techniques	Environmental Administration with Community Participation	Formulation of Environmental Standards and Regulations	Pollution Control for Hazardous Substances in the Environment	Research on Environment Technology	Facility Maintenance Management for Productivity Improvement and Cleaner Production	Regional Measures and Methods for Pollution Control for Environmental Engineers	Environmental Radioactivity Analysis and Measurement Technique	Environmental Management Technology in Chemical Industries	Environmental Education Focused on Fresh Water Environment -For Tertiary Level Teaching Staff-	Environmental Policy and Environmental Management System	
Development Strategic Objectives	Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Improve ability to conserve water quality /to control water contamination noting each role of governments, business, citizens & research institutions (incl. universities)	1-1 Improve legal system	●		●	●			●		●		●
	1-2 Improve organizations/human resources		●	●	●			●			●	●
	1-3 Improve finances		●									
	1-4 Enhance scientific expertise concerning water environment	●		●	●			●	●			●
	1-5 Enhance businesses' environmental management ability						●			●		
	1-6 Improve citizens' ability to address water contamination		●					●			●	●
	1-7 Improve ability of research institutions incl. universities to address water contamination			●		●						
2. Improve water conservation/ water contamination control measures appropriate to relevant body of water	2-1 Improve water conservation/water contamination control measures in rivers	●	●		●							●
	2-2 Improve ground water conservation/ground water contamination measures							●				
	2-3 Improve water conservation/ water contamination measures in lakes and marshes	●	●									
	2-4 Improve water conservation/ water contamination measures in closed sea areas		●									
JICA CENTER	KIC	KIC	KIC	OSIC	TBIC (Training and Partnership)	KIC	SIC	TIC (Economic)	CBIC	OSIC	OSIC	
PAGE	554	554	555	557	558	559	584	561	562	570	563	

				Trainers Training Program				Solution Creation Program						
Country-focused				Group			Country-focused	Group						Country-focused
0880997	0884018	0884021	0884168	0880762	0880103	0880105	0884042	0880215	0880779	0880962	0880988	0880815	0880822	0884246
The environmental Management of Enclosed Coastal Seas	Sewage treatment technique for Central and South America	Industrial Pollution Control Management for Middle Eastern Countries	Environmental Management—Pollution Control—for Southwest Asia	Operation and Maintenance of Sewerage Systems	Operation and Maintenance of Sewerage System and Waste Water Treatment Technique	Operation and Maintenance of Sewerage System and Waste Water Treatment Technique	Water quality monitoring for Central Asia	Measures Against Urban Environmental Problems	Sewage Works Engineering and Stormwater Drainage Technology	Water Environmental Monitoring	Integrated Basin Management for Lake Environment	Industrial Wastewater Treatment Technique	Marine Environment Protection for Senior Officials in Developing Countries and Law Enforcement Authorities	Waste Effluent Pollution Control Caused by Mining and Manufacturing Industries for Central and South America
Cont.	Cont.	Cont.	Cont.	Revise	New	New	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise	Cont.
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•							•			•	•			
HIC	CIC	KIC	CIC	SIC	KIC	OSIC	OBIC	SIC	TIC (Economic)	TIC (Economic)	OSIC	KIC	OIC	OSIC
563	564	589	565	569	567	568	571	575	577	561	587	581	582	599

### (34) Environmental Management: Air Pollution

	Standard Category	Leaders Training Program									
	Type	Group									
	Program No.	0880053	0880224	0880729	0880864	0880885	0880886	0880917	0880938	0880982	0880991
Program Title	Formulation of Environmental Standards and Regulations	Pollution Control for Hazardous Substances in the Environment	Research on Environment Technology	Air Quality Management Policy	Facility Maintenance Management for Productivity Improvement and Cleaner Production	Computerized Machine Control for Mechanical Automation—Essentials for Cleaner Production—	Regional Measures and Methods for Pollution Control for Environmental Engineers	Environmental Radioactivity Analysis and Measurement Technique	Environmental Management Technology in Chemical Industries	Environmental Education Focused on Fresh Water Environment—For Tertiary Level Teaching Staff—	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Enhance ability to control environmental pollution (air pollution) through cooperation among industry, academia (research institutions), citizens & government	1-1 Improve policy planning ability of governments		●			●					
	1-2 Improve governments' ability to implement pollution control measures		●			●		●		●	
	1-3 Promote environmental education & learning by governments								●		●
	1-4 Enhance science & technology to support governments in forming & implementing more effective policies			●		●			●	●	
	1-5 Enhance businesses' ability to address environmental problems						●	●		●	
	1-6 Improve citizens' capability to address environmental problems (air pollution)										
	1-7 Enhance ability of research institutions incl. universities to address environmental problems (air pollution)		●		●				●		
2. Facilitate to implement air pollution control measures	2-1 Promote local air pollution control measures			●		●			●		
	2-2 Promote measures to address transboundary air pollution in the region										
	2-3 Promote global air pollution control										
	JICA CENTER	KIC	OSIC	TBIG (Training and Partnership)	TIC (Economic)	KIC	KIC	SIC	TIC (Economic)	OBIC	OSIC
	PAGE	555	557	558	559	559	560	584	561	562	570

				Trainers Training Program	Solution Creation Program						
Country-focused				Group	Group				Country-focused		
0880992	0884021	0884168	0884138	0880844	0880215	0880937	0880854	0880921	0884076	0884078	0884155
Environmental Policy and Environmental Management System	Industrial Pollution Control Management for Middle Eastern Countries	Environmental Management-Pollution Control- for Southwest Asia	Environmental Protection Technology and Management against Air Pollution	Urban Environment and Transportation	Measures Against Urban Environmental Problems	Seminar on Ozone Layer Protection	Air Pollution Control	Automotive Technology for Environmental Protection	Promotion of Cleaner Production for Southern and Eastern European Countries	The Acid Deposition Monitoring Network in East Asia	CLEANER PRODUCTION IN PROCESS INDUSTRIES FOR LATIN AMERICAN COUNTRIES (FOR MANAGERS AND ENGINEERS OF PROCESS INDUSTRIES)
Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Cont.	Cont.	Cont.	New	Revise	Revise
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OSIC	KIC	CIC	KIC	OBIC	SIC	TIC(Ind'l)	OSIC	TBIC (Training and partnership)	KIC	HIC	KIC
563	589	565	564	323	575	586	583	585	591	592	596

### (35) Environmental Management: Solid Waste Management

	Standard Category	Leaders Training Program									
	Type	Group									
	Program No.	0880007	0880100	0880121	0880224	0880226	0880729	0880885	0880917	0880974	0880992
	Program Title	Environmental Administration with Community Participation	Waste management Technique and Environmental Education	Waste Management and 3Rs (Reduce, Reuse, Recycle) Policy	Pollution Control for Hazardous Substances in the Environment	Comprehensive Waste Management Technique	Research on Environment Technology	Facility Maintenance Management for Productivity Improvement and Cleaner Production	Regional Measures and Methods for Pollution Control for Environmental Engineers	Seminar on Comprehensive Solid Waste Management	Environmental Policy and Environmental Management System
Development Strategic Objectives	New/Cont. Objectives	Cont.	New	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Improve SWM capability	1-1 Improvement of systems		●	●	●	●			●	●	●
	1-2 Improvement of organizations										
	1-3 Improvement of finances										
	1-4 Improve cooperation with the private sector					●					
	1-5 Improvement of technology		●	●	●	●	●			●	
2. Establish SWM system appropriate to target society	2-1 Due consideration to culture & society	●					●				
	2-2 Promote involvement by SW generator to SWM system	●	●	●		●				●	
	2-3 Improve environmental management ability of SW generators (corporations)			●				●			
JICA CENTER	KIC	KIC	TIC (Economic)	OSIC	CIC	TBIC (Training and Partnership)	KIC	SIC	YIC	OSIC	
PAGE	554	555	557	557	558	558	559	584	562	563	

					Trainers Training Program	Solution Creation Program						
Country-focused					Country-focused	Group					Country-focused	
0880102	0884021	0884168	0884209	0884224	0884006	0880215	0880921	0880802	0880091	0884026	0884146	
Integrated Solid Waste Management for Central and Local Government Officers	Industrial Pollution Control Management for Middle Eastern Countries	Environmental Management - Pollution Control - for Southwest Asia	Hazardous Waste Management and Appropriate Disposal for Asia	Solid Waste Management for Southwest Asia - Discussion for Realizing the Improvement Measures -	Construction and Designing of Sound Material Cycle Society for Asian Countries	Measures Against Urban Environmental Problems	Automotive Technology for Environmental Protection	Urban Solid Waste Management by Local government	Solid Waste Management by Local Government	Waste Management Technologies and 3Rs for Central and South American Countries	Waste Management for Promoting Recycling-oriented Societies in Central and South America	
New	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	New	Cont.	New	
●	●	●	●	●	●	●		●	●	●	●	
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			●	●	●	●				●	●	
CBIC	KIC	CIC	YIC	KIC	KIC	SIC	TBIC (Training and Partnership)	OSIC	HIC	SIC	CBIC	
556	589	565	566	566	588	575	585	579	574	590	594	

(36) Environmental Management: Cross-sectoral

Standard Category	Leaders Training Program						Trainers Training Program	Solution Creation Program									
	Type	Group					Country-focused	Group				Country-focused					
	Program No.	0880729	0880885	0880886	0880936	0880106	0884202	0884200	0880572	0880793	0880811	0880066	0884195	0884141	0884148	0884164	
Program Title	Research on Environment Technology	Facility Maintenance Management for Productivity Improvement and Cleaner Production	Computerized Machine Control for Mechanical Automation—Essentials for Cleaner Production—	Environmental Impact Assessment for ODA Project	Workshop on Administration of Environmental and Social Consideration Process for Implementation of a Japanese ODA Loan Project	Capacity Building for Officers dealing with AR-QOM Project for Asia-Pacific Region and South & Central America	Sustainable community development by active participation for West Balkan countries	Development of Strategies on Climate Change	Capacity Building for Policy staff regarding Kyoto Mechanism	Risk Management and Residue Analysis of Chemicals for Environmental Safety	Adaptation for climate change	Capacity Development of Host Countries of EDW/JI for Southeast European and CIS countries	Capacity Development for Adaptation to Climate Change - Climate Modeling and Analysis	Capacity Development in Environmental Policy (Environmental Policy Control) for Middle Eastern countries	CD for Project Formulation under the Clean Development Mechanism (CDM)		
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	New	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	
1.Enhance ability to control environmental pollution through cooperation among industry, academia (research institutions), citizens & government	1-1 Enhance governments' policy making ability							●	●	●	●	●			●		
	1-2 Enhance governments' ability of implementing measures				●	●			●	●	●	●			●	●	
	1-3 Promote information arrangement and enlightenment activity by government				●	●			●			●	●				
	1-4 Promote science & technology to support governments' ability to formulate/implement measures more effectively										●			●			
	1-5(a) Improve enterprises' ability to mitigate global warming																
	1-5(b) Enhance business' ability of environmental management (by introduction of CP etc.)		●	●													
	1-6 Improve citizen's ability to prevent and mitigate global warming																
1-7 Enhance research institutions' (incl. universities) capability of preventing global warming	●							●						●			
2.Promote implementation of measures against global warming control	2-1 Promote local measures against global warming							●	●	●		●				●	
	JICA CENTER	TBIC (Training and Partnership)	KIC	KIC	TIC (Economic)	TIC (Economic)	TIC (Economic)	TIC (Economic)	TBIC (Training and partnership)	CBIC	HIC	TBIC (Training and partnership)	TBIC (Training and partnership)	TIC (Economic)	OSIC	OSIC	
	PAGE	558	559	560	560	556	565	572	576	578	580	573	598	593	595	597	



### (37) Enhancing Development Effectiveness

	Standard Category	Leaders Training Program				Trainers Training Program		Solution Creation Program					International Dialogue Program	
	Type	Group	Country-Focused	Long-term		Group	Country-focused	Group			Country-focused		Country-focused	
	Program No.	0880901	0884086	0881101	0881137	0880833	0884234	0880027	0880835	0880994	0884098	0884214	0884176	0884170
Program Title	Development Policies	Improvement in the Capability for using Aid for Central Asia and Caucasus Region	Graduate Program in International Development Studies by FASID/GRIPS (Master of International Development Studies)	International Development and Cooperation	Seminar on Evaluation of Japan's ODA Loan Projects	Seminar on Contract Administration for International Construction Projects	Management of Human Capacity Development Programs	Japanese ODA Loan Seminar	Enhancement of Local Government Administration and Public Services (Participatory Local Development)	Knowledge-based Management for Asia	Seminar on Sustainable Human Security and Capacity Development	Regional ODA Seminar for Africa	International Cooperation Seminar for the Central and South American Countries	
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	New	New	Cont.	Cont.	Cont.	Revise	Revise	Cont.	Cont.	Cont.	Revise
1. Capacity Development	1-1 Organizational Management / Development							●			●	●		
	1-2 Capacity Development of Institution and Society								●		●			
2. Effective and Efficient Utilization of Development Resources	2-1 Improvement of Capacity to Formulate Development Strategy	●		●	●									
	2-2 Improvement of Capacity to Formulate Development Cooperation Policies		●						●				●	●
	2-3 Improvement of Capacity to Manage Bilateral Cooperation Programs					●	●							
	2-4 Promotion of South-South Cooperation													
JICA CENTER	TIC(Inf D)	TIC (Public)	TIC (Public)	OSIC	TIC (Public)	TIC (Public)	TIC (Public)	TIC (Public)	OSIC	TIC (Public)	OSIC	TIC (Public)	TIC (Public)	
PAGE	264	602	255	602	608	282	140	603	285	604	605	606	606	

# 1. Education

Practice of Science Education for Secondary School 中等科学教育実技		GROUP	0880004
Target Countries: Anglophone Countries in Africa		Education—Lower Secondary Education—Upper Secondary Education 6 participants	Education English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>&lt;Outcome&gt; This program aims to enhance the capacity of the participants in developing teaching materials effectively through learning the system of science education in Japan and acquiring the techniques for experiments and observation on physics, chemistry, biology and earth science.</p> <p>&lt;Outputs&gt; (1) Learn the system and practical teaching/ learning methodology of Science Education in Japan. (2) Acquire the techniques for experiments and observation as well as the ways of developing and introducing effective teaching materials. (3) Learn the science education conducted at secondary schools and the current situation of informal science education in Japan (4) Learn how to design a science education program effectively and practically by making use of the knowledge and techniques acquired through this program.</p>	<p>(1) Those engaged in teaching science at a secondary school or in-service teacher training (INSET) of secondary science education (2) Have a university degree or equivalent (3) Have over 3 years of experience in the above field *Administrators, researchers, and math teachers are discouraged to join.</p>		
CONTENTS	PROGRAM PERIOD	Aug.5.2008~Sep.28.2008	
<p>One of the main issues of science education in developing countries is that most of the classes are done in the chalk &amp; talk style, which puts children off science. Hiroshima University has noteworthy results for teacher education in Japan as well as for international educational cooperation.</p> <p>This program mainly consists of the following programs. In program (2), each participant will experience four major fields of science education in Japan (physics, chemistry, biology and earth science) in order to acquire comprehensive viewpoints. In program (3), according to the preferences of participants, each participant will choose two of five fields from: physics, chemistry, biology, earth science and science education. The content of the program will be decided after discussion with the instructors in charge.</p> <p>(1) Outline of science education in Japan (2) Science experiments and observation (3) Professional field training (4) School visits (class observation) (5) Study tours</p>	IMPLEMENTING PARTNER	Graduate School of Education, Hiroshima University	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This program has the experience for over 15 years.	

Seminar on Human Resource Development Administration 職業能力開発行政セミナー		GROUP	0880346
Target Countries: Countries having Human resources development administration		Education—Technical and Vocational Education and Training 13 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The objectives of the seminar are to introduce to the participants the current situation of human resources development administration in Japan, especially placing emphasis on vocational training, and to provide them with an opportunity of making comparative study in this field between Japan and the participating countries, as well as among their countries, and thereby to contribute to the improvement of the human resources development administration in the respective countries.</p>	<p>(1) Highranking officials, at least a director of a department in the central government who is presently engaged in the human resources development administration (2) Have an experience of more than 10 years in the above administration (3) Have a good command of spoken and written English</p>		
CONTENTS	PROGRAM PERIOD	Jan.18.2009~Feb.7.2009	
<p>1. Preparatory Program (1) Sharing common problems and its recognition regarding human resources development administration with the participant's organization. (2) Preparing a country report including a clear explanation of the present situation and problems regarding human resources development administration by the organization.</p> <p>2. Program in Japan (1) Establishment of training policy and strategy for human resources development administration in Japan and functions and operations of various types of vocational training institutions in Japan (2) Present situations of human resources development in enterprises (3) Discussions and presentation of Action Plan.</p>	IMPLEMENTING PARTNER	JAPAN VOCATIONAL ABILITY DEVELOPMENT ASSOCIATION	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program is designed with the aim of providing leading instructors of vocational training institutes with comprehensive educational resources of technologies and techniques in mechatronics. Its contents consist of system design, the machining of mechanical parts, selection of actuators and sensors, and automatic control. These are key technologies required to manufacture automated apparatus, starting with planning for automation.</p>	<p>(1) Leading instructors at technical high schools or vocational training schools or technical high schools (preferably JICA assisted organizations) (2) Individuals majored in mechanical engineering at universities or technical high schools or with equivalent knowledge and experiences (This program is only for those who have mastered basic mechanical subjects.) (3) Age: 25-45 years old</p>	
CONTENTS	PROGRAM PERIOD	Jun.15.2008~Dec.6.2008
<p>This course curriculum is divided into two categories:</p> <p>General Studies: Orientations, Japanese, Training Meeting, Study Trips, Factory Visits, Ceremonies and Evaluations</p> <p>Technical Studies: Mechanical design &amp; 2D CAD, General Machining, Assembly &amp; Adjustment, Pneumatics Control Relay Sequence Control, PLC control, A single-shaft carrier system, An Application subject, Development of the curriculum and teaching material</p>	<p>IMPLEMENTING PARTNER</p>	EMPLOYMENT AND HUMAN RESOURCES DEVELOPMENT ORGANIZATION
	<p>JICA CENTER</p>	JICA Yokohama
	<p>COOPERATION PERIOD</p>	2007~2009
	<p>REMARKS</p>	Applicants are required to give comments or replies which will be typewritten on A4 size paper, about 2 to 3 pages long, all double-spaced.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Townscapes are an expression of a town's identity and a reflection of the sociocultural values and traditions of its inhabitants. It is thus imperative that they be preserved as long as people live there. For this purpose, technology for the preservation of cultural assets is important, but insufficient on its own. Systematic methods of town planning that involve the participation of citizens are also required. This is becoming more important than ever in an era of rapidly advancing globalization, where the preservation of community identity in countries and regions is a central issue.</p> <ol style="list-style-type: none"> <li>1. Deepen their understanding of concepts in historic townscape conservation,</li> <li>2. Acquire planning and management techniques used in historic townscape conservation.</li> <li>3. Learn about the present state of historic townscape conservation through the experience and know-how in Japan and be able to reflect on the lessons learned in the action plan.</li> </ol>	<p>(1) Public servants or researchers involved in the conservation of historic townscape, cultural administration or town planning (With experience or academic history in architecture or civil engineering) (2) University graduates or equivalent academic background</p>	
CONTENTS	PROGRAM PERIOD	Jul.14.2008~Oct.29.2008
<ol style="list-style-type: none"> <li>1. Concept of the conservation of Historic Townscapes Urban Culture and Inheritance of Cultural Assets The "Living Town" Approach to Conservation</li> <li>2. Measures for the Conservation of Historic Townscapes Laws, Acts and Regulations, Area Designation, Support System for Community Participation Exchange of Opinions with Administration and Community Members</li> <li>3. Measures for the Conservation of Cultural Assets</li> <li>4. The Conservation of Historic Townscape in Town Planning</li> <li>5. Scenery Preservation</li> <li>6. Practice on Study and Planning</li> <li>7. Site Visits, etc.</li> </ol>	<p>IMPLEMENTING PARTNER</p>	COLLEGE OF SCIENCE & ENGINEERING, RITSUMEIKAN UNIV.
	<p>JICA CENTER</p>	JICA Osaka
	<p>COOPERATION PERIOD</p>	2004~2008
	<p>REMARKS</p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this program is to improve the vocational training instructors' skill on the planning and management of job training programs through lectures and practical exercises, as well as enhancing the techniques of teaching methodology and know-how in the development of various teaching materials.</p> <p>At the end of the program, participants are expected to fully understand the role of the instructors and (management of the trainees, facility, and safety), develop various plans to manage vocational training, and master the pedagogy at training institutions.</p>	<p>1. Active vocational training instructors in industrial field with 5 or more years of experience, and expected to work in the same field in future,                  2. Individuals with a sufficient command of written and spoken English,                  3. Age: 30-45 years old                  4. Individuals in good health (physically and mentally)</p>	
CONTENTS	PROGRAM PERIOD	Oct.7.2008~Nov.21.2008
<p>1. Lectures:</p> <p>(1) Outline of Human Resources Development Administration of Japan                  (2) Role of Vocational Training Instructors in Vocational Training                  (a) maintenance of facilities (b) safety management (c) trainee management                  (3) Development of Vocational Training programs                  (a) Training needs analysis (b)Curriculum development                  (c) Training evaluation                  (4)Methodology of Vocational Training:                  (a) Training method (lectures) (b) Training method (practices)</p> <p>2. Discussion and Exercise:</p> <p>(1) Country Report Presentation and Discussion                  (2) Exercises and mid-term evaluation                  (3) Development and Presentation and Action Plan</p>	IMPLEMENTING PARTNER	Overseas Vocational Training Association
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2004~2008
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program is designed to foster leading specialists in museums by providing techniques and knowledge, which are vital for the further development of museums. Participants will learn techniques and knowledge about 'Collection and Documentation', 'Conservation', 'Exhibition' and etc. in this program.</p>	<p>(1) University graduates or equivalent academic backgrounds.                  (2) Specialists in museum work with more than three years of practical experience in at least one of the following fields: acquisition, documentation, conservation, exhibition planning, museum education, or another closely related field (they may be employed in public or private institutions).</p>	
CONTENTS	PROGRAM PERIOD	Apr.2.2008~Jul.14.2008
<p>General Program (About 10 weeks): The general program includes lectures, workshops, visits to museums and study trips</p> <p>1. General issues on Museology                  2. Particular issues                  (1) Collection and Documentation                  (2) Preventive Conservation                  (3) Exhibition                  (4) Education and Public Relations                  3. Study tour on museums                  4. Others (Security, Intellectual property right, etc.)</p> <p>Specialized Program (About 3 weeks)                  Participants will select 3 or 4 themes from the Theme list (example as below)                  Museums and local communities, Preventive conservation, Conservation and restoration of objects, Excavating and controlling archaeological resources, Education in museums and schools, Photography, Exhibition design etc.</p>	IMPLEMENTING PARTNER	NATIONAL MUSEUM OF ETHNOLOGY・LAKE BIWA MUSEUM
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2004~2008
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The objective of this program is to educate both those people in charge for the promotion of science and technology and for the development of human resources at the central organization for education and research and those people in charge for the planning of science and technology policy at the central and local governments in order to raise the ability of planning and practising the sustainable development of science and technology.</p> <p><b>【Outputs】</b> (1) Learning fundamentals of engineering science such as nanoscience, environment/energy, robotics, system information, semiconductor device, and photonics. (2) Acquirement of unification ability of participant's own research field with another related field (3) Acquirement of practical methods on engineering science in harmony with natural environment policy and analysis (4) Writing a master thesis on the study concerned to engineering science in harmony with natural environment in developing countries based on course work and references.</p>	<p><b>【Target Organizations】</b> National Universities, Ministry be in charge of Science and Technology, Ministry be in charge of Education and Training</p> <p><b>【Target Group】</b> National Universities, Ministry, Research Institutions in relation to Science and Technology</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.1.2009~Mar.10.2012</p>
<p>(1) Lecture and practical research on concept of advanced science and technology, and engineering science in harmony with environment (2) Lectures on social application of science and technology and construction of Resource-Circulating Society in Asia Colloquium on environmental engineering science (3) Lecture on research and practical study regarding to Resource-Certulating Society and Environmental/energy system coordination Internship (4) Making a study design of the research on engineering science in harmony with natural environment in developing countries Reading many references related to the topics Continuous guidance for writing a master thesis</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Graduate School of Engineering Science, Osaka University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Technical experts and researchers in the field of engineering education/research of the public and private sectors in developing countries can improve practical research planning capability after the completion of the training course.</p> <p><b>【Outputs】</b> (1) Course work (2) Training on conducting research and thesis writing</p>	<p><b>【Target Organizations】</b> government officials, researchers, entrepreneurs</p> <p><b>【Target Group】</b> Young government officials, researchers, entrepreneurs (under 35 years of age) who will lead the field of industry of their countries in the future. Those who finished 16 years of schooling.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Nov. 2008 - Nov. 2010</p>
<p>(1) In accordance with the study guidelines, the trainees are required to earn designated credits in the mater program given by the Graduate School of Engineering of TUT (General Subjects ( 6 credits), Specialized Subjects (12 credits) , Seminar etc.). ( for further information; <a href="http://www.tut.ac.jp/english/index.html">http://www.tut.ac.jp/english/index.html</a>)</p> <p>(2) Trainees will receive group supervision on the research work and thesis writing for the Masteral Degree by a principle and several supporting academic advisers (Mechanical Engineering, Production Systems Engineering, Material Science, Ecological Engineering, Knowledge-based Information Engineering).</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>ICCEED, Toyohashi University of Technology</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chubu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	


Engineering Technology (Master's Degree: Engineering) 工学デザイン(長期)		L/T 	0881106
Education—Technical and Vocational Education and Training			
		2 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> This program is designed for officials who are responsible for environmental conservation or engineering of central or local governments to develop their capacity through conducting research and education in the fields of mechanical, environmental, electrical and information engineering for promotion of industry and environmental conservation.</p> <p><b>【Outputs】</b> One out of four majors below will be chosen by a participant.            (1) Mechanical Systems Engineering: Design, Analysis and Processing of Engineering Materials, Thermal and Fluid Engineering, and AI and Mathematics.            (2) Civil Engineering and Architecture: Environment Planning and Design, Structural Design Engineering, and Environmental Disaster Prevention Engineering.            (3) Electrical and Electronics Engineering: Electromagnetic Energy Engineering, Electronics and Electronic Materials, and Electronic Systems Engineering.            (4) Information Engineering: Computer Systems and Intelligent Systems.</p>	<p><b>【Target Organizations】</b> Central and local government or research institutes which are related with environmental management and engineering</p> <p><b>【Target Group】</b>            • Technical officer in a field of environmental management or industrial engineering in the central government and/or local government authorities.            • University graduate or equivalent.            • Having fine command of English</p>		
CONTENTS	PROGRAM PERIOD	September.2008~September.2010	
<p>Followings are representing subjects provided at a major;            &lt;Mechanical Systems Engineering&gt; Strength of Materials, Engineering Design Systems, Processing Systems, Mechanical Systems Dynamics, Fluid Engineering, Heat Transfer, Fluid Machinery, Energy Systems Engineering            &lt;Civil Engineering and Architecture&gt; Urban and Regional Planning, Regional Environmental Engineering, Architectural Thermal Environmental Engineering, Earthquake Resistant Engineering, Geotechnical Engineering, Wind Resistant Engineering, Hydraulic Engineering and Coastal Environmental Engineering.            &lt;Electrical and Electronics Engineering&gt; Energy Transport, Storage and Control of electric energy including new energy sources, Semiconductor Process Technology and Electronic Circuits, Control Engineering, Electrical and Optical Instrumentation Engineering, Systems Control Engineering.            &lt;Information Engineering&gt; Computer hardware, Software, VLSI design for wireless communications, Image processing, Speech processing, Natural language processing, AI, Complex system, Intelligent robots, etc.</p>	IMPLEMENTING PARTNER	Graduate School of Engineering and Science, University of the Ryukyus	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS	- Tutor system by Japanese students - Company observation program	


Bioagricultural Sciences (Master's or Doctor's Degree: Agriculture) 生命農学(長期)		L/T 	0881138
Education—Tertiary Education			
		2 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> Technical experts and researchers in agriculture of the central and the local governments of developing countries can improve the practical research planning capability for the agricultural development after the completion of the training course.</p> <p><b>【Outputs】</b>            (1) Course work (only for the Masteral Program)            (2) Training on conducting research and thesis writing (both for Masteral and Doctoral programs)</p>	<p><b>【Target Organizations】</b> Core institutions of the central as well as the local government engaged with the research policy making in the agriculture sector or higher education institutions in agriculture in developing countries</p> <p><b>【Target Group】</b> Current Duties: Government officials/researchers who are working for one of organizations mentioned above more than 3 years.</p>		
CONTENTS	PROGRAM PERIOD	Mar. 2009 - Mar. 2011 / 2012	
<p>(1) In accordance with the study guidelines, the trainees are required to earn designated credits.</p> <p>(2) Trainees will receive group supervision on the research work and thesis writing for the Masteral Degree or the Doctoral Degree by a principle and several supporting academic advisers.</p> <p>(3) Please refer to <a href="http://www.agr.nagoya-u.ac.jp/index-e.html">http://www.agr.nagoya-u.ac.jp/index-e.html</a> for further information.</p>	IMPLEMENTING PARTNER	Graduate School of Bioagricultural Sciences, Nagoya University	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Master's Course: be under 35 years of age, and have a Bachelor's degree. Doctoral Course: be under 40 years of age, and have a Master's degree. (Desirably those who obtained Master's degree in Japan)	

<b>Enhancing the Quality of Primary and Secondary Education in Sub-Saharan Africa</b> <b>アフリカ初中等教育の質的改善(長期)</b>		L/T 	0881144
Target Countries: Anglophone Countries in Africa		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> To enhance the individual capacity of problem-solving and/or policy formulation with regards to the quality of primary and secondary education <b>【Outputs】</b> (1) To acquire basic theory and research methodology in education and development (2) To acquire skills and knowledge for education sector analysis and planning (3) To acquire practical knowledge and methods of science and mathematics education development (optional) (4) To acquire practical skills and experience in planning and management (5) To write up a Master's thesis	<b>【Target Organizations】</b> Teacher Training Institutions, National and Regional Offices of Ministry of Education <b>【Target Group】</b> (1) Trainers of Pre-SET, Educational Administrators (2) Have over 3 years of experiences in (1)		
CONTENTS	PROGRAM PERIOD	Mar.16.2009~Mar.31.2011	
(1) Lectures on Perspective and Issues in Educational Development, Education and Development in Africa and Theory and Practice of Educational Research (2) Lectures on Planning for Educational Development, Introduction of Statistical Analysis in Education and International Cooperation in Education (3) Lectures on Science Education Development and Mathematics Education Development (4) Internship Program in one of Asian countries (5) Seminar and Tutorial	IMPLEMENTING PARTNER	Hiroshima University, Graduate School for International Development and Cooperation	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Participants will be awarded with Master's Degree in Education from Hiroshima University upon successful completion of this program.	

<b>Educational Technology-based Instructional Systems (Master's degree: Instructional System)</b> <b>教育工学に基づく教育設計(長期)</b>		L/T 	0881148
		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Capacities of planning, designing and management of producing effective materials of distance learning(e-learning) for staffs in charge of dissemination and education will be developed. <b>【Outputs】</b> (1) Obtaining a knowledge of Instructional Design, which contribute to effective and efficient educational methods. (2) Obtaining a knowledge of Information Technology which are necessary for E-learning. (3) Obtaining a knowledge of Intellectual Property right like copyright, which are crucial in development and distribution of educational training course. (4) Obtaining a knowledge of Project Management, which are necessary for educational activities, educational business and development projects. (5) Obtaining a knowledge of special topics, and formulating a master thesis.	<b>【Target Organizations】</b> Central and Local governments, or public organization. <b>【Target Group】</b> - Officer in charge of human resource development and/or enlightenment and dissemination in ministries or local government - University graduate or equivalent - Having 2 years working experience in the related field - Having fine command of English		
CONTENTS	PROGRAM PERIOD	September.2008~March.2010	
Planned subjects, totally 30 units, are followings: (1) •Introduction to E-learning •Instructional Design (2) •Learning assistance Information and Communication system (3) •Intellectual Property and private right on networking (4) •Educational business management •Distance learning practice logic (5) •E-learning practical examination •E-learning for Information literacy education •E-learning for higher education •E-learning for vocational training •Formulation of a master thesis	IMPLEMENTING PARTNER	Graduate school of social and cultural sciences, Kumamoto University, Japan International Cooperation Center(JICE)	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS	28 units of the required 30 units are to be finished in Japan and the remained 2 units for master thesis will be done for research and drafting in home country and then for finalizing of thesis in Japan.	




<b>Mathematics Education in Primary and Secondary School in Pacific Small Island States</b> <b>初等中等算数・数学教育向上(大洋州地域)</b>		R/F  0884037
Target Countries: Oceania		Education—Primary Education 9 participants / English
<b>OBJECTIVE</b> Educate and train leaders of mathematics education who can design curriculums, develop educational materials, and teach pedagogics in the recipient countries.	<b>TARGET ORGANIZATION / GROUP</b> Graduates of universities or teacher training colleges, or similar educational qualifications, preferably the staff of institutions training math teachers for primary and secondary schools or school teachers in charge of mathematics and organizing training seminars for teachers. Experienced in the field of the education over three (3) years.  Faculty of educational institutions or school teachers engaged in mathematics education.  Age: 25 - 45.	
<b>CONTENTS</b> - Acquire basic knowledge and skills of pedagogics and classroom design. - Formulate lesson plans. - Learn about systematic curriculum development. - Develop effective educational materials. - Learn about the present status of the Japanese education system and use it as an option for examining possible approaches toward improving the educational system of one's own country.	<b>PROGRAM PERIOD</b> Jun.2.2008~Jul.20.2008	
	<b>IMPLEMENTING PARTNER</b> Naruto University of Education	
	<b>JICA CENTER</b> JICA Shikoku	
	<b>COOPERATION PERIOD</b> 2006~2008	
	<b>REMARKS</b>	

<b>Improvement of TVET Management with public-private partnership (PPP) for BMENA Countries</b> <b>拡大中東・北アフリカ (BMENA) 諸国産業技術教育・職業訓練における官民連携</b>		R/F  0884211
Target Countries: BMENA Countries		Education—Technical and Vocational Education and Training 7 participants / English
<b>OBJECTIVE</b> ・To enhance the capacity of officials to formulate effective policy on Technical and Vocational Education and Training (TVET) in terms of PPP (Public-Private Partnerships) in BMENA countries ・To establish networks and relationships among officials in BMENA countries by exchanging views and opinions on TVET management  To reach the above objective, participants are expected to achieve the following: (1) To understand TVET policy in Japan (2) To understand the role of private TVET institutions and measures to enhance public and private partnerships in the TVET sector in Japan (3) To prepare an action plan to improve the policy of TVET in public-private partnership for BMENA countries	<b>TARGET ORGANIZATION / GROUP</b> <b>【Target Organizations】</b> TVET departments in government ministries and agencies  <b>【Target Group】</b> Applicants should fulfill the following requirements: (1) Individuals responsible at director level of a TVET department in government ministries and agencies (2) Individuals with at least 5 years of experience in TVET administration * The target Organization may be changed to TVET institutions in 2009.	
<b>CONTENTS</b> This program is carried out in both Japan and Jordan(under planning), so that participants can compare and analyze the TVET sector in different settings. <b>【Activities in Japan】</b> 1. Lectures on: (1) The outline of TVET policy and function of TVET institutes in Japan, The outline of employment stabilization and promotion policy in Japan, (2) The relationship between public and private vocational training, Measures to promote vocational training in the private sector 2. Visits to: (1) Private and public TVET institutions, (2) In-service training institutions, (3) Technical high schools <b>【Activities in Jordan(under planning)】</b> 1. Visit to JICA's project in the TVET sector 2. Workshop to exchange views and opinions with related Jordanian(under planning)	<b>PROGRAM PERIOD</b> Nov.27.2008~Dec.11.2008	
	<b>IMPLEMENTING PARTNER</b> Overseas Vocational Training Association	
	<b>JICA CENTER</b> JICA Yokohama	
	<b>COOPERATION PERIOD</b> 2007~2009	
	<b>REMARKS</b> Third country training in Jordan(under planning) for about 4 days will be carried out, following the training in Japan.	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
Participants will acquire knowledge and techniques to improve their curriculum of vocational training for its application to practical business fields.  To achieve the objective, participants are expected to acquire the following knowledge and techniques: (1) System of vocational training in Japan (2) Method and actual example to grasp the needs of industry fields (3) Modification of the curriculum of vocational training school for its application to businesses (4) Measures and policies of vocational training in Japan (5) Collaboration of vocational training schools with industries and universities (6) Cooperative training	<b>【Target Organizations】</b> Vocational training schools, Industrial high schools, Polytechnic schools, Technical colleges  <b>【Target Group】</b> Active vocational training instructors in an industrial field with 5 or more years of experience	
CONTENTS	PROGRAM PERIOD	Feb.2.2009～Feb.28.2009
A. Lecture 1) Actual situation of vocational training school, Industrial high school, Polytechnic school, Technical college (School entry rate, Curriculum, Placement of students) 2) Method and actual example to grasp the needs of industrial fields 3) Modification of curriculums of vocational training schools for its application to businesses 4) Measures and policies of vocational training in Japan 5) Collaboration between industries and universities, vocational training schools 6) Cooperative Training B. Field Visits 1) Vocational training school, Industrial high school, Polytechnic school, Technical College, Science and research park 2) Private company (Nissan Motor Co., Ltd. etc.) 3) Governmental organizations C. Group Discussion D. Action Plan Presentation	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007～2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
1. To understand the system and teaching method of child-centered learning 2. To acquire skills in how to practice the teaching method of child-centered learning.  •Research of teaching-materials in elementary school science and mathematics education. •Understanding the thinking and method involved in Child Centered Learning. •Enhancing the teacher's ability for the practice.	<b>【Target Organizations】</b> School teachers in primary education or teacher trainers for primary education.  <b>【Target Group】</b> School teachers in primary education or teacher trainers for primary education with work experience in the field of science and mathematics education.  •The general primary teacher in a position as a leader, or the lecturer of a teacher training institution etc.  Ann. 35 - 45	
CONTENTS	PROGRAM PERIOD	Sep.29.2008～Nov.9.2008
1. Lectures, exercises and discussions to acquire skills in how to practice the teaching method of child-centered learning. 2. Observation tours of primary schools and teacher training institutions.  •Structure of educational administration and teacher training in Japan. •Cooperation with teacher training and practice of the school education. •Teaching-materials research and curriculum development on elementary school science and mathematics education. •Development and lesson composition of the study method of Child Centered Learning. •Research of lesson plan, and implementation of lesson study.	IMPLEMENTING PARTNER	Naruto University of Education
	JICA CENTER	JICA Shikoku
	COOPERATION PERIOD	2007～2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> In the recipient countries, leading instructors and their training centers are able to get and to improve their performance in the planning and management of training course, technical knowledge, skills and technology on sought-after fields for the activities for spreading their know-how through the domestic training centers and their instructors and for the supporting activities in JICA's South-South Cooperation, and that, these activities will be planed, implemented and evaluated.</p> <p><b>【Outputs】</b> 1.CAD/CAM technology (First Year) 2. Control Technology (Second Year) 3. Welding Technology (Third Year) 4.Teaching material making 5.Training Management Cycle(TMC) 6.Action Plan</p>	<p><b>【Target Organizations】</b> The Organization for the course will be fixed</p> <p><b>【Target Group】</b> 1.Vocational training instructors of the public vocational training institutions engaged in vocational training 2. Having experience of more than 5 years in the above 3. Having working experience in the institute which has JICA technical cooperation project background</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>July.1.2008~Sep.27.2008</p>
<p>1.CAD/CAM Technology, CNC Machining Technology 2. PLC Control Technology, Single Tip Microcomputer Control, Communication Control 3. Welding Technology, Welding Test 4. Teaching Materials Making 5. Training Management Cycle 6. Action Plan and Presentation</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Employment Human Resources Development Organization of Japan, Polytechnic University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Yokohama</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	


Secondary Education Development 中等教育開発		GROUP  0880888
		Education—Lower Secondary Education Education—Upper Secondary Education 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants are required to make an action plan to improve secondary education and share it with related organizations.</p> <p>To reach the objective, participants are expected to achieve the followings:</p> <ol style="list-style-type: none"> <li>1. To understand the basic concepts of secondary education</li> <li>2. To realize and analyze the current state of secondary education development in Japan and other developing countries</li> <li>3. To consider necessary changes in the secondary education system in each participant's country</li> </ol>	<ol style="list-style-type: none"> <li>1. Secondary education administrative officers or teachers in charge of curriculum planning in secondary schools</li> <li>2. At least 5 years of experience</li> <li>3. Age: 28-40 years old</li> </ol> <p>* In this program, secondary education means grade 7 to 12.</p>	
CONTENTS	PROGRAM PERIOD	Oct.6.2008~Nov.8.2008
<ol style="list-style-type: none"> <li>1. Pre-training program Creation of job report</li> <li>2. Training program in Japan               <ol style="list-style-type: none"> <li>1. Lectures on the basic concepts of secondary education                   <ul style="list-style-type: none"> <li>- History</li> <li>- Educational administration</li> <li>- Curriculum - Evaluation methods</li> <li>- Testing system</li> <li>- Teacher training</li> </ul> </li> <li>2. Observations                   <ul style="list-style-type: none"> <li>- Local government board of education</li> <li>- Teacher training center</li> <li>- Textbook research center</li> <li>- Elementary school, junior high school, private school</li> </ul> </li> <li>3. Exchange meeting with lecturers and teachers                   <ul style="list-style-type: none"> <li>- Q&amp;A with lecturers</li> <li>- Visiting schools</li> </ul> </li> </ol> </li> <li>3. Post-training program Creation of a progress report</li> </ol>	IMPLEMENTING PARTNER	Nagoya University
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2004~2008
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      To develop human resources capable of developing simple experiments based on an elementary school curriculum, taking into account the situation in participants' countries, and disseminating the development methods to many classrooms.</p> <p><b>【Outputs】</b>                      (1) To be able to develop simple experiments                      (2) To be able to prepare teaching plans introducing simple experiments                      (3) To be able to improve computer literacy                      (4) To be able to explain the importance of social educational facilities</p>	<p><b>【Target Organizations】</b>                      Educational institutes for training primary-school teachers</p> <p><b>【Target Group】</b>                      (1) Sufficient knowledge in primary-school science education related to: (i) curriculum development, (ii) pedagogics and (iii) policy and institutions                      (1) Be a teacher trainer for primary education or be a holder of a certificate for teaching primary education, with more than five (5) years of experience in the field                      (2) Be in a position of developing and extending this program of science education</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Oct. 13. 2008 ~ Dec. 18. 2008</p>
<p>Preparatory phase:                      Submit the inception report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems)                      Take photos of classrooms (especially school children) and bring the data to Japan.                      Program in Japan:                      This program consists of lectures, practical excises, observation, and discussion on the following topics.                      (1) Development of simple experiments                      (2) Curriculum guidelines, teaching plans                      (3) Education through computers, utilization of websites                      (4) School education and social education                      (5) Formulation and presentation of the interim report                      Post-Program Activities:                      Submit the final report on activities after returning home country.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hokkaido University of Education                      Obihiro City Board of Education</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Obihiro</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2006~2008</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

Target Countries : Burkina Faso, Cameroon, Mali, Niger, Senegal

9 participants / French

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this program is to develop the human resources in early childhood education/development in the respective places.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) Point out current issues and tasks in respective countries by sharing knowledge of the current situations and experiences of Japanese early childhood education, experiences of other participant's countries through this program.</p> <p>(2) Enhance expertise in early childhood development with multi-sectoral viewpoints.</p> <p>(3) Propose a feasible action plan to solve current issues and improve circumstances.</p> <p>(4) Share the acquired experiences/expertise with related faculties and implement plans to improve the quality of early childhood development upon returning to their own countries.</p>	<p>Applicants should:</p> <p>(1) Preferably be in charge of taking a leadership role in the field of preschool education or director of an agency supervising ECD (e.g. central/regional inspectors or educators, faculty of teachers' training colleges)</p> <p>(2) Have more than 5 years of work experience in ECD (as above-mentioned position.).</p> <p>(3) Preferably be a college graduate</p> <p>(4) Age: Between 25 - 45 years old</p> <p>(5) Continue their career as one of the leaders in the field of ECD in the respective places</p> <p>(6) Be proficient in the French Language</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Sep.23.2008~Oct.15.2008</p>
<p><b>【Preparatory Phase】</b>                  Participants shall prepare and submit an Inception Report describing the past and present situation and issues in the field of early childhood education in respective countries/organizations.</p> <p><b>【Program in Japan】</b>                  (1) Inception Report Presentation and Discussion                  All the participants have an opportunity to present their Inception Reports at the beginning of the program.</p> <p>(2) Lectures, Study Visits and Discussion                  Lecturers will introduce Japan's experiences on Early Childhood Education and its countermeasures. To provide more concrete information, study visits to the related facilities will be arranged. During the program, a discussion session will also be provided at each session to ensure in-depth understanding.</p> <p>&lt;Lectures&gt;</p> <ul style="list-style-type: none"> <li>• Early childhood education/childcare system in Japan</li> <li>• Concept and pedagogy of child-centered education in Japan</li> <li>• Hygiene, nutrition and other related issues in ECD</li> <li>• Workshop on lesson plans and teaching materials</li> <li>• International ECD situation and activities of international organizations</li> </ul> <p>&lt;Study Visits&gt;</p> <ul style="list-style-type: none"> <li>• Public kindergarten and nursery school</li> <li>• Elementary school</li> <li>• College in early childhood education</li> </ul> <p>(3) Interim Report(Action plan) Presentation session for all participants                  An action plan will be provided by all participants and presented at the end of the program.</p> <p><b>【Activities after returning to Home Country】</b>                  After returning to their home countries, participants will:</p> <ul style="list-style-type: none"> <li>• Report the program, share the interim report with faculties in their organizations and modify the feasible action plan if necessary.</li> <li>• Implement the action plan.</li> <li>• Formulate the Final Report, which includes the progress and result of the action plan 6 months after returning to their respective countries and submit it to JICA.</li> </ul>	<p>IMPLEMENTING PARTNER</p>	<p>Ochanomizu University</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2008</p>
	<p>REMARKS</p>	

Management of Human Capacity Development Programs 人材育成プログラム運営		GROUP  0880027
		Education—Other Education Issues
		10participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of the program is for overall design of a Human Resources Development (HRD) scheme/revised HRD scheme is to be worked out in central/local government, government-related organizations, non-governmental organizations, or private companies in developing countries.</p> <p>To achieve the objective, the participants are expected to:</p> <ol style="list-style-type: none"> <li>1. Understand/analyze/grasp the training needs of participants and organizations that send the participants for the training</li> <li>2. Clarify effective HRD strategy in an organization and important points when putting it into practice</li> <li>3. Clarify management strategy for training/education institutions,</li> <li>4. Propose the overall design of an HRD scheme/revised HRD scheme in respective organizations.</li> </ol> <p>This program is focused on human capacity development in the public/private organization. Since this program is NOT focused on a specified sector, organizations from any sector can apply to take part.</p>	<p>[Target Organizations]</p> <ul style="list-style-type: none"> <li>- Public/private institutions providing training programs for trainers, central/local government officials and/or staff of private companies,</li> <li>- Central/local government, government-related organizations, non-governmental organizations, or private companies prioritizing HRD in the organization,</li> <li>- Governmental or government-related research institutes on HRD, or</li> <li>- Governmental organization providing training programs to other developing countries.</li> </ul> <p>Rank of invitation: Those in managerial positions or senior personnel.</p> <p>[Target Group] Officials/Instructors/Managers of the Target Organizations (age: 30-55).</p>	
CONTENTS	PROGRAM PERIOD	Feb.17.2009~Mar.14.2009
<p>&lt;Preparatory phase in home country&gt; Participating organization and participant formulate Inception Report including an outline, the issues and brief report on the three year plan of human resource development.</p> <p>&lt;Core phase in Japan&gt; The program consists of lectures, workshops, observations, discussions, and report presentation. This program consists of two modules described below. Each module covers a major aspect of HRD and consists of 5 to 11 sub-modules. &lt;Modules&gt; 1.Human Resources Development Strategies in Japanese Organizations - Linkage between the organization vision and education strategy. - Outline of educational types: costs and long term investment. - Reality and challenge of OJT, OFF-JT, and self development through correspondence education and e-learning - Reality and challenge of "Human Education" through job relations - Education for organizational transformation based on Organization Development(OD) - Linkage between HRD and Human Resource Management(HRM) - Implementation of education with communities of practice. - Transformation of HRD 2. Management Strategies of Training and Education Institutions - Semi-governmental institutions providing training programs - Educational institutions providing training programs - HRD programs for public officials - Trainers training programs Participants are required to make an action plan and present it at the end of the program in Japan.</p> <p>&lt;Final Phase&gt;: After the program in Japan, the participating organization formulate and submit the Final Report to JICA Tokyo within three months.</p>	IMPLEMENTING PARTNER	Keio Research Institute at SFC, Career Resource Laboratory
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	This course does not cover the planning/designing of training programs.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this training program is to inspire participants for improving the school health system in their respective countries. This will be achieved by understanding the system and activities of Japanese school health and ways to improve the policy, system and implementation of participants' own school health systems.</p> <p>Through the program, participants will achieve the following:</p> <ol style="list-style-type: none"> <li>1. Recognition of the present level of school health</li> <li>2. Observation of school health in Japan</li> <li>3. Potential for developing the school health system.</li> </ol>	<p>[Target Organizations] Central or local government in charge of school health or school education</p> <p>[Target Group] 1. Officers in charge of school health and school education in central or local government 2. Those with basic knowledge of school health and maternal and child health 3. Those with at least 5 years of experience in this field</p>	
CONTENTS	PROGRAM PERIOD	May.18.2008~Jul.5.2008
<p>I: Preliminary program Writing a job report</p> <p>II: Program in Japan</p> <ol style="list-style-type: none"> <li>1. Understanding school health in the participant's own country Report-making and discussions</li> <li>2. System management and implementation System management and human resource development</li> <li>3. Outline of school health History, system, and present issues in Japanese school health</li> <li>4. Health education and health guidance Reproductive health, food education, smoking, and individual health guidance to students</li> <li>5. Environment management Roles and practices of school pharmacists</li> <li>6. Health management School health check-up system</li> <li>7. Development of community health activities Practice and control of communicable diseases jointly between school health and health promotion organizations</li> <li>8. School lunch Understanding the school lunch system and observation of its implementation</li> <li>9. Action plan Creation and presentation of an action plan</li> </ol> <p>III: Post-program Creation of a progress report</p>	<p><b>IMPLEMENTING PARTNER</b> Aichi Children's Health and Medical Center</p> <p><b>JICA CENTER</b> JICA Chubu</p> <p><b>COOPERATION PERIOD</b> 2006~2010</p> <p><b>REMARKS</b></p>	





OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will be able to construct Science and Mathematics classes which encourage pupils' learning motivation by careful development of teaching materials and lesson studies.</p> <p>Upon successful completion of the course, the participants are expected:                      (1) To devise appropriate and effective education system for participants' countries, (2) To gain deeper understanding about teacher training systems and teachers' surroundings, and to devise applicable forms of teacher training in participants' countries,                      (3) To gain deeper understanding about function and roles of schools and their relationship with local communities, and to draw up action plans to strengthen the schools status in the communities,                      (4) To materialize Science and Mathematics classes which encourage pupils' own learning motivation,                      (5) To draw up teaching plans for Science and Mathematics classes which include all basic factors (presentation of lesson theme, problem solving process and lesson evaluation) and meet pupils' learning levels.</p>	<p><b>【Target groups】</b>                      (1) Applicant should fulfill at least one of the following requirements;                      •School inspector                      •Instructor of a pre-service or in-service teacher training institution                      •Senior teacher of a primary school,                      (2) more than 5 years of teaching experience in Science and Mathematics at primary schools.                      (3) proficient in spoken and written English                      (4) Ideally under 45 years of age</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Oct.7.2008~Nov.22.2008</p>
<p>Preparatory Phase: Applicants' job experience and teaching plans are described in the inception report</p> <p>The curriculum is composed of the following subjects.</p> <p>Country report presentation</p> <p>(1) – Educational system and administration in Japan,                      – Issues in education and educational reforms in Japan,                      – Characteristics of the Guidelines for the Course of Study and the curriculum,                      – Characteristics of life and growth of Japanese children,                      – Roles of teachers and university in education                      (2) – Observation of educational institutions,                      – Actual situations of schools in Japan (teaching plans, lesson studies, analysis of teaching materials and experimental classes)                      (3) – Actual situations of teachers in Japan,                      – School environment (PTA and local communities),                      – Student guidance and learning instruction                      (4) – Actual situations of Science and Mathematics classes in primary and junior high schools in Japan (teaching plans, lesson studies and analysis of teaching materials),                      – Lesson studies of Science and Mathematics classes                      (5) – The significance and contents of teaching plans,                      – Construction of teaching plans,                      (6)– Proposing Action Plan</p> <p>Finalization Phase: Report the progress of implementing Action Plan as Final Report within three(3) months after completion of the program in Japan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hokkaido University of Education</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Sapporo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To enable participants to clarify issues related to regional disparities in basic education and plan to improve them by utilizing the knowledge and experiences obtained on the course.</p> <p><b>【Outputs】</b> 1. Clarify the issues and constraints on basic education in terms of regional disparity of respective countries by comparing with those of Japan 2. Analyze the measure for improvement of disparity on basic education between central and remote area by reference of the case and experience of Okinawa Prefecture (one of local governments in Japan) after World War II to these days 3. Formulate a feasible action plan to improve regional disparity on basic education in respective countries</p>	<p><b>【Target Organizations】</b> Departments of basic education, Ministry of Education</p> <p><b>【Target Group】</b> Educational administrators responsible for the planning and management of basic education, the director or equivalent of the section</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Oct.14.2008～Nov.15.2008</p>
<p>1. Preliminary Phase in a participant's home country (1) Analysis of current issues on regional disparities in basic education in participants' jurisdictional areas and their organizations (2) Formulation and submission of Job Report to JICA together with Application Form</p> <p>2. Core Phase (activities in Japan) (1) Education Law in Japan, Education system in Japan, Educational reconstruction of postwar in Japan, Educational administration (roles and assignment of central and local governments), Educational budget allocation, Teachers' training, Workshop on issue analysis (Lecture, exercise and discussion) (2) Process of Restoration in education in the postwar Okinawa, Administrative measures in education in remote areas, Experience to Improve the regional disparity in Okinawa, School management, School visit (Lecture, observation and discussion) (3) Project Cycle Management (PCM) Method, Formulation an action plan (Lecture, exercise and discussion)</p> <p>3. Finalization Phase (activities in home country) Application and implementation of the action plan back in the participants' countries and submission of their progress report to JICA within six (6) months after the end of the Core Phase in Japan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Okinawa International Exchange and Human Development Foundation</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p><b>REMARKS</b></p>	<p>Expectations for the Participants: be related with JICA programs in this field will be preferable</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      This program is designed for participants to get ability to propose the effective method for improvement domestic teacher-training education by referring to Japanese teacher education system.</p> <p><b>【Outputs】</b>                      (1)                      Understanding about education systems and techniques of various countries including Japan                      (2)                      Acquisition of usage of education technique                      (3)                      Acquisition of technique to improve in quality of teacher training education                      (4)                      Formulation of improvement plan of domestic teacher training education</p>	<p><b>【Target Organizations】</b>                      Department of Education, teachers of college, University of education, and the organization which follow teacher training</p> <p><b>【Target Group】</b>                      (1)Government officials/Researchers engaged in teacher-training                      (2)Officials/Researchers who hold, or will assume positions in charge of policy regarding teacher-training or planning on the contents of teacher-training program                      (3)Individuals with a good command of English</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Nov.13.2008～Dec.7.2008</p>
<p>(1)Lectures on education system, license system of teacher, and the course of study of Japanese teachers-training education. Inspection to elementary and junior high schools.                      (2)Lectures about process and technique of education.                      The experience of integrated learning (international understanding education, environmental education). Pronouncement exchange with the staff of the Board of Education                      (3)Acquisition of methods of education material collection and for information management. Actual survey of the management of teaching materials in school, Pronouncement exchange with school teachers. Inspection of institution related to education.                      (4)Presentation and discussion on improvement points of domestic education.                      Finally, improved program is obtained.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Miyagi University of Education</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tohoku</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      (1)to draw up a report and action plan to improve teaching methods of science and mathematics education that 1) encourages learners in practical activities leading them to think and solve problems by themselves, and 2) develop learners' ability to think mathematically and scientifically,                      (2)to share and consider an idea of action plan with authorities concerned in belonging regions and/or organization in their respective countries,                      (3)to realize the implementation of action plan as a trial.</p> <p><b>【Outputs】</b>                      (1)to analyze and understand current situation of teaching methods of science and mathematics class in primary education in their respective regions and/or organization,                      (2)to understand the school system and pre-and-in service training of teacher in Japan,                      (3)to understand curriculum of science and mathematics in primary education in Japan,                      (4)to gain deeper knowledge and know-how of in order to draw up lesson plans for science and mathematics class,                      (5)to gain deeper knowledge and know-how of "Lesson Study",                      (6)to draw up a report (draft) and action plan to improve teaching methods of science and mathematics class.</p>	<p><b>【Target Organizations】</b>                      - Educational administration responsible for improving school education,                      - Pre- service teacher training organization (e.g. University, Teachers College),                      - Organization which is in charge of training in-service teachers,</p> <p><b>【Target Group】</b>                      - Educational administrator responsible for improving school education                      - Teacher of pre-service primary education teacher training institution (e.g. University teacher, Teacher College teacher)                      - Trainer of in-service primary education teachers training institution</p> <p><b>【Others】</b>                      Experience in the relevant field: have more than three years experience in teaching primary education teachers and/or teaching Science and Mathematics class in primary school him/herselves.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.30.2008~Oct.1.2008</p>
<p><b>【Preparatory phase】</b>                      Preparing Inception Report of current situation of science and mathematics education and in respective countries.</p> <p><b>【Program in Japan】</b>                      - Education system and administration in Japan                      - Teachers Education and training in Japan                      - Science and mathematics education in Japan                      - Lesson plan and Lesson Study                      - Simulated lesson                      - Training Report and Action plan for improvement of teaching methods for mathematics and science education.</p> <p><b>【Post-program activities】</b>                      - Sharing information and idea of Action plan among authorities concerned.                      - Preparing and submission of final report</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p> <p><b>COOPERATION PERIOD</b></p>	<p>University of Tsukuba, Elementary School of Tsukuba Uni,</p> <p>JICA Tsukuba</p> <p>2008~2009</p> <p><b>REMARKS</b></p> <p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Jan.25.2009 to Mar.10.2009 in the same content.</p>

<b>Study on Education Improvement of Training Course of Teacher for Asian and African Countries</b> <b>教員養成課程における教育改善方法の検討(アジア・アフリカ)</b>		GROUP  0880081
		Education—Tertiary Education
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> Activity plan for improvement of the quality of teacher training (mainly pre-service teacher training) will be proposed and implemented by participating organizations.	<b>【Target Organizations】</b> Ministry of Education, teachers college, University of education, and the organization which follow teacher training	
<b>【Outputs】</b> (1) To identify the problems and issues to be solve in teacher training (2) To understand Japan's experience in the field of educational policy and system (3) To acquire practical knowledge on effective teaching method, methodology in and curriculum (4) To formulate an activity plan applicable in respective countries by utilizing the knowledge through the program (5) To share and implement the activity plan in the participants' organizations	<b>【Target Group】</b> •Be Government Officials or Professionals in the organizations in charge of educational policy or curriculum planning in the Teacher Training (Preferably be in charge of Pre-Service teacher training) •Have working experience for more than 5 years in teacher training and its related field •Be proficient in English language	
CONTENTS	PROGRAM PERIOD	Nov.24.2008～Dec.20.2008
<b>【Preparatory Phase】</b> <ul style="list-style-type: none"> <li>Inception report writing for identifying the issues in each organization</li> </ul> <b>【Program in Japan】</b> (1) Inception report presentation and Discussion (2) Workshop for sharing and identifying the problems and issues with participants and related officials in Japan (3) Lectures, Observations and Discussions History of Japan's education / Educational administrative system in Japan / School-teachers license system in Japan / In-service & Pre-service teacher training in Japan / Lesson study (from planning to evaluation of the lesson) / Class management / Study on teaching materials / Curriculum study (4) Workshop and Discussion on knowledge identification applicable in participating organizations (5) Preparation and Presentation of Interim Report (Activity plan) and Discussion.	<b>IMPLEMENTING PARTNER</b>	Chiba University
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2008～2010
	<b>REMARKS</b>	
<b>【Activities after returning to Home Country】</b> <ul style="list-style-type: none"> <li>Reporting and reviewing the program in Japan and share it with officials in the organizations</li> <li>Implementation of the plan of activities</li> <li>Formulation of final report of this program for notifying the progress of activity plan to JICA (6 months after returning to your country)</li> </ul>		

<b>Study on Educational Improvement of Teacher Training Courses for French Speaking African Countries</b> <b>教員養成課程における教育改善方法の検討(仏語圏アフリカ)</b>		GROUP  0880088
Target Countries: African Countries		Education—Tertiary Education 12 participants / French
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Outcome: Action plan to improve teachers' training for better education will be considered in teachers training organizations or local government.</p> <p>Output 1: Issues on quality of elementary education will be analyzed.</p> <p>Output 2: Issues on teachers training (pre-service and in-service) for the quality improvement of elementary education will be analyzed.</p> <p>Output 3: Action plan to improve issues will be drafted by participants.</p>	<p><b>【Target Organizations】</b> Department of Education, teachers college, and the organization which follow teachers' training</p> <p><b>【Target Group】</b> (1) Instructor of teachers' college in charge of educational planning or educational administration, or officials in local government in charge of educational planning and educational administration (2) To have more than five years experience (3) To be under 50 years old (4) To have enough skill of French</p>	
CONTENTS	PROGRAM PERIOD	Nov.17.2008～Dec.13.2008
<p>(1)Observation: Elementary Schools, Teachers' colleges (2) Lectures: Outline of Japanese Education System and Teachers' Education System (3) Discussion: Issue analysis (4) Practice: Action Plan formulation (Repeat (1)~(4) for several times)</p>	IMPLEMENTING PARTNER	Osaka Kyoiku University
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008～2010
	REMARKS	

<b>Study on Education Improvement of Training Course of Teacher for Latin American Countries</b> <b>教員養成課程における教育改善方法の検討(中南米地域)</b>		GROUP  0880092
Target Countries: Central & South America Countries		Education—Tertiary Education 5 participants / Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> To be able to design an improved teacher training course To be able to share and execute improved teacher training course in the participants' organization  <b>【Outputs】</b> (1) Understanding own organization's present circumstances and issues of teacher training course (2) Understanding the outline of Japanese education system (3) Understanding Japanese teacher training course (4) Creating an improved teacher training course in the participants' organization	<b>【Target Organizations】</b> University of Education Department Teacher school and the organization which follow teacher training  <b>【Target Group】</b> Dean/Department chairman of University of Education Department Principal of Teacher school and organization which follow teacher training	
CONTENTS	PROGRAM PERIOD	Nov.13.2008～Dec.20.2008
<b>【Preparatory Phase】</b> Analyzing the present circumstances and issues of Teacher Training Course  <b>【Program in Japan】</b> (1) Initial Report presentation (2) Lectures on education and teacher training course in Japan (3) School visits (4) Discussion with Lectures and participants (5) creation of an improved teacher training course  <b>【Post Program Activity】</b> (1) Sharing and implementing (as a trial) the improved teacher training course (2) Making a Final Report including the progress of the Plan and revised Teacher Training Course	IMPLEMENTING PARTNER	Tsukuba University
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008～2010
	REMARKS	

<b>Study on Education Improvement of Training Course of Teacher for African Countries</b> <b>教員養成課程における教育改善方法の検討(英語圏アフリカ)</b>		GROUP  0880104
		Education—Tertiary Education
		11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Improvement Plan for the quality of teacher training course formulated by participant is examined in the participants' organization.</p> <p><b>【Outputs】</b> (1) To be able to analyze problems in primary education in participant's country through comparison with cases in other participants' countries</p> <p>(2) To be able to explain practical educational approach for quality improvement of curriculum and teaching method in primary education</p> <p>(3) To be able to formulate Improvement Plan that is suitable and feasible in participant's own country</p> <p>(4) To examine Improvement Plan in participant's organization after going back to home country.</p>	<p><b>【Target Organizations】</b> Ministry of Education, Teachers college, University of Education, and the organization which follow teacher training</p> <p><b>【Target Group】</b> 1) Current Duties: be a lecturer of teacher training institution or an educational executive officer (be in charge of planning and designing of system and curriculum for training course of teacher)</p> <p>2) Experience in the relevant field: have more than 5 years' experience in the field mentioned above 1).</p> <p>3) Educational Background: be a graduate of university or equivalent level.</p> <p>4) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more (copy of the proof is preferable).</p> <p>5) Age: be above 30 and under 50 years of age</p>	
CONTENTS	PROGRAM PERIOD	Nov.3.2008~Nov.30.2008
<p>(1) - History of Educational System in Japan - System of Educational Administration in Japan and Teacher License - Visit to Primary and Junior High School attached to Kagoshima University - Visit to Prefecture Board of Education and City Board of Education: Roles of Education Board - Class Management and School Management - Observation of Demonstration Classes Open for Teachers (Yamashita Primary School)</p> <p>(2) - Class Observation (Math, Japanese Language, and Science) - Discussion with teachers (Math, Japanese Language, and Science)</p> <p>(3) - Visit to Education Center and Observation of Current Teacher Development Program - Workshop for formulation of Improvement Plan - Improvement Plan Presentation</p> <p>(4) - Report on Improvement Plan in Participants' organization - Revision of Improvement Plan - Examination of Improvement Plan in Participants' organization</p>	IMPLEMENTING PARTNER	Kagoshima University
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008~2010
	REMARKS	




Target Countries: Countries having public vocational training institutes

10 participants

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objectives of this seminar are to introduce to the participants the current situation of the human resources development administration and the vocational training management in Japan, to provide them with an opportunity for making a comparative study on management and programming of vocational training between Japan and their countries, as well as among the participating countries, and thereby to contribute to the improvement of vocational training in each country.</p>	<p><b>[Target Organizations]</b> Public Vocational Institutions</p> <p><b>[Target Group]</b> (1) Principal or Division heads presently engaged in management of a vocational training institution with more than five years experience, with the expectation to continue working in the same field (2) Age: 30–50 years old (3) Individuals in good health(physically and mentally)</p>	
CONTENTS	PROGRAM PERIOD	Jan.13.2009~Feb.20.2009
<p>1. Prior to the seminar Participants are supposed to study and summarize an issue/problem in a country report encountered by their organization. The report is submitted to JICA.</p> <p>2. During the seminar: (1) lectures on the economic, social and historical backgrounds and the present situations of the human resources development administration in Japan (2) lectures on the management of vocational training institutions and facilities, such as human management, operation management and physical management (3) observations of public and private vocational training institutions (4) discussions on country reports and presentations of action plans by participants.</p> <p>3. After the seminar: Within three months of returning home, a training participant is supposed to submit a final report to JICA. The final report should include the situations in process, such as holding a seminar accomplishment report meeting and responses from one's superior and relative organizations.</p>	IMPLEMENTING PARTNER	Overseas Vocational Training Association
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2007~2009
	REMARKS	

Industrial Technology Education 産業技術教育		GROUP  0880891
		Education—Other Education Issues
		7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will be expected to understand the overall concept of industrial technology education in Japan and to seek improvements for secondary education in their own countries.</p> <p>1) To understand the importance of industrial technology education in Secondary Education.  2) To understand the linkage between education and economical development through the Japanese case.  3) To make an action plan to improve their industrial technology education.  4) To share the knowledge and experiences, which they obtained during the training and the action plan, with responsible persons.</p> <p>* This training course is not designed to obtain technical skills.  * There is no hands-on technical training.</p>	<p>[Target Organizations]  Central or local government in charge of technology education for secondary education</p> <p>[Target Group]  1. Policy-makers for technology education in educational administration of central or local government  2. Over 5 years of experience  3. Age: 25-45 years old  4. Individuals proficient in speaking and listening to English</p>	
CONTENTS	PROGRAM PERIOD	Jun.5.2008~Jul.19.2008
<p>[Preparatory phase]  Three kinds of reports will be created:  1. A country report describing the current situation of education including technology education in one's own country.  2. A job report describing one's own responsibility in respective organizations  3. An inception report describing decisions related to industrial technology education</p> <p>[Program in Japan]  A draft curriculum containing industrial technology education and an action plan will be formulated by using examples from Japan's educational experience.  * Subjects *  1. Education in Japan  2. Industrial technology education in Japan  3. Practical examples of industrial technology education  4. Teacher education in industrial technology education  5. Expansion of industry</p> <p>[Post-program activities]  1. To submit the draft curriculum to the respective sections and implement the action plan  2. To submit a progress report describing the results in realizing the action plan after six month of this training.</p>	IMPLEMENTING PARTNER	AICHI UNIVERSITY OF EDUCATION
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2004~2008
	REMARKS	This program is not designed to teach technical skills. There is no hands-on technical training.

Target Countries : Francophone Countries in Africa

10 participants / French

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      To design a plan for improving INSET and share it with related personnel in each country.</p> <p><b>【Outputs】</b>                      (1) To be able to clarify the issues about INSET Management in respective countries and analyze the possible causes for them                      (2) To be able to explain the legal framework and the role of educational administration offices on teacher training in Japan.                      (3) To design a plan for improving INSET realistically and rationally after learning from Japanese experiences and challenges.                      (4) To share the plan for improvement with related personnel and to realize and analyze the points for action.</p>	<p><b>【Target Organizations】</b>                      National and regional educational administrative Offices</p> <p><b>【Target Group】</b>                      (1) Educational Administrative officers in charge of Teacher Training at national level or regional level and/or educational supervisors (at least 1 candidate has to be an educational administrative officer at regional level)                      (2) Have more than 5 years of experiences in (1).</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Nov.4.2008~Dec.12.2008</p>
<p>(1)(Pre-program) To clarify the issues on INSET Management at each organization                      (Pre-program) To watch the video, "The History of Japan's Educational Development" and learn the outline of the history in advance.                      (Program in Japan) To discuss the issues and the causes about INSET management (Issue Analysis Workshop)</p> <p>(2)(Program in Japan) Lectures on Educational system in Japan", "Outline of PRESET", "Administration and financial Management of Local Administration Offices, and "The Role of Board of Education"                      (Program in Japan) Lectures and discussion on INSET system in Japan and other countries.</p> <p>(3)(Program in Japan) Observing INSET and discussion.                      (Program in Japan) Visiting schools and observing lesson studies. Discussion.</p> <p>(4)(Program in Japan) Design a improvement plan for INSET management                      (Post-program) Share the plan with related organizations and make a progress report according to the feedbacks.                      (Post-program) Make a action plan regarding the improvement plan.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hiroshima University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chugoku</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To gain knowledge and know-how of Education for children with disabilities (especially in the field of intellectual disability) and "Teachers education and Training" in Japan, and improve "Teachers education and Training" that of one's own region or school.</p> <p><b>【Outputs】</b> (1) Sharing information about the present circumstances and issues of "Teachers education and Training" of Education for children with disabilities in one's own region or school. (2) Understanding the experience of education for children with disabilities and "Teachers education and Training" in Japan through lectures, school visits, practice, discussion etc. (3) Understanding the "Teachers education and Training" in Japan through lectures, school visits, practice, discussion etc. (4) Making an action plan for improving "Teachers education and Training" (especially in the field of intellectual disorder) in one's own region or school.</p>	<p><b>【Target Organizations】</b> (1) Department in charge of education for children with disabilities in the Ministry of Education (district or central organ). (2) School for children with disabilities including intellectual disability.</p> <p><b>【Target Groups】</b> (1) Specialist(tecnic) in charge of education for children with disabilities in the Ministry of Education (district or central organ). (2) Principal or sub-principal and head teacher (3) Ages under 50 years old (4) Experience more than 3 years</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Oct.16.2008~Nov.29.2008</p>
<p><b>【Preparatory Phase】</b> Making a presentation of the present circumstances and issues of "Teacher education and Training" in education for children with disabilities in one's own region or school.</p> <p><b>【Program in Japan】</b> (1) Lectures of Education for children with disabilities and "Teacher education and Training" in Japan. (2) School visits (3) Practice (4) Discussion with lectures and participants (5) Completion of a report and action plan to improve "Teachers education and Training" in one's own region or school.</p> <p><b>【Developing Phase】</b> (1) Seminar etc.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>University of Tsukuba</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2006~2008</p>
	<p><b>REMARKS</b></p>	<p>In 2008, the theme of the course is "Teacher education and Training" especially in the field of "intellectual disability".</p>

Target Countries: Sub-Saharan Africa

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【PURPOSE】</b> Primary schools to be able to realize effective school management for more enrolment of pupils in collaboration with the community.</p> <p><b>【OUTPUT】</b></p> <p>(1) The participants recognize the roles of local government and school heads in improving the school management.</p> <p>(2) The participants understand the roles of the stakeholders surrounding schools and obtain a clear idea of the way how schools, local government and communities collaborate with each other.</p> <p>(3) The participants strengthen their leadership to be better able to identify a strategy for a more attractive school to children and parents.</p> <p>(4) The participants obtain the necessary knowledge, methods and skills for the planning, implementation and evaluation of a project.</p> <p>(5) The participants draft a plan of actions, get authorization of the plan from their institute, and actually conduct development project(s) together with other colleagues.</p>	<p>(1) Administrators: those responsible for school management in the administration of local education, with 5 years or more of work experience (excluding experience as a school teacher).</p> <p>(2) School heads: those responsible for the management of a primary school, with 5 years or more of experience as a school head.</p> <p>*2 persons from each country.                      *2 participants should be from the same district; One should be from primary school, another from local government.                      *The participants are expected to continue their current duties for at least 3 years after returning.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Sep.9.2008～Oct.9.2008</p>
<p><b>【PREPARATORY PHASE (conducted by participants)】</b> (before coming to Japan)</p> <ul style="list-style-type: none"> <li>- Report writing "Situation analysis report"</li> <li>- Watching a JICA multimedia teaching material "Opportunity to learn for ALL"(at JICA office)</li> </ul> <p><b>【CORE PHASE (conducted by JICA)】</b> (conducted in Japan)</p> <ul style="list-style-type: none"> <li>- Japan's experience</li> <li>- Roles of school heads, local government and community</li> <li>- Capacitating school heads and teachers</li> <li>- Effects of education</li> <li>- Attractive school for the children</li> <li>- Education and gender</li> <li>- Human security</li> <li>- Problem analysis method</li> <li>- Drafting a plan of actions</li> </ul> <p><b>【OBSERVATION TRIP (conducted by JICA)】</b>                      All the participants travel to right after the "CORE PHASE" and will obtain practical hints from activities of past participants in this course for brushing up the plan of actions.</p> <p><b>【FINAL PHASE (conducted by participants and their colleague)】</b>                      (after returning to home countries)</p> <p>(1) Share and authorize the plan of action</p> <p>(2) Summarize the results of the activities back in the home country in a report</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>FACULTY OF EDUCATION, KANAZAWA UNIV.</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Hokuriku</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2006～2008</p>
	<p><b>REMARKS</b></p>	<p>*This course includes many chances for discussion and workshop so that the participants can share their knowledge and experiences.                      *An observation trip will be followed directly after "CORE PHASE" approx. for 1 week.</p>

Target Countries : Spanish Speaking South American Countries

8 participants /


Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Participants will develop the capacity to create mathematics lesson plans which stimulate students' learning motivation, through detailed lesson studies and the development of teaching materials, and further its diffusion plan in respective country will be proposed by each participant and shared and discussed among relevant personnel or organizations.</p> <p><b>【Outputs】</b> (1) To devise appropriate and effective educational system for participant's country by learning about Japanese educational system. (2) To devise applicable forms of teacher training system in participant's country by gaining deeper understanding about teacher training system and teachers' surroundings in Japan (3) To create lessons which stimulate students' learning motivations by gaining deeper understanding about the activities to improve mathematics lessons through case studies in Japan (4) To devise mathematics lesson plans which include basic factors (establishment of lesson objectives, problem solving process and lesson evaluation) and meet students' learning levels, and perform experimental lessons. (5) To clarify the problems in mathematics education in participant's country and consider the diffusion of lesson plans in teaching mathematics</p>	<p><b>【Target Organizations】</b> Mathematics section in Ministry of Education, Mathematics section in board of Education, Mathematics section in primary school</p> <p><b>【Target Group】</b> 1) •Educational administrators responsible for improving school education with more than five (5) years of teaching experience in Mathematics in primary school, •Senior teachers of primary schools with more than five (5) years of teaching experience in Mathematics in primary school, •Teachers at teacher training institutions with more than five (5) years of teaching experience in Mathematics in primary school. 2) Educational Background: be a graduate of university or equivalent educational background 3) Language: have a competent command of spoken and written Spanish</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.27.2008~Jul.12.2008</p>
<p>&lt;Preliminary Phase&gt; (1) Preparation of Inception Report</p> <p>&lt;Phase in Japan&gt; (1) Educational system and administration in Japan, Educational problems and reforms in Japan, Characteristics of the guidelines for the course of study and curriculum, Children's life in Japan and the characteristics of their growth, Roles of teachers and teacher training universities (2) Observation of educational institutions, Activities in public schools (lesson plans, study of lessons and teaching materials, case studies of lessons) (3) Japanese mathematics education, Examples of lesson (teaching material) study, Mathematics lessons in practice, Examples of lesson plans, Process of mathematics lesson study (4) Creation of lesson plans by setting a specific unit with the reference of what have learnt, Performance of experimental lesson using participant's lesson plan, Deepening the meaning of lesson plan by practice, Process of lesson discussion meeting, Revision of lesson plans through lesson discussion meetings (5) Presentation of country report to share the characteristics of the mathematics education in each country. Formulation of action plan in consideration of the diffusion of lesson plans in teaching mathematics in each country. Understanding teacher training systems (including lesson study)</p> <p>&lt;Finalization Phase&gt; (1) Report the progress of implementing Action Plan as Final Report within three(3) months after completiong of Phase in Japan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hokkaido University of Education</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Sapporo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

Target Countries: Middle East countries

8 participants / Arabic

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Participants's belonging organization will be able to prepare and carry out a plan for improving their countries' pre-primary education utilizing the comprehensive knowledge acquired through the course, in collaboration with the activities of JOCV.</p> <p><b>【Outputs】</b>                      1. To be able to understand Japanese basic ideas on pre-primary education.                      2. To understand Japan's education system for teachers and curriculum in pre-primary field and to get practical and various child care methods.                      3. To be able to prepare a study report including a plan for improving pre-primary education in participants' countries.                      4. To be able to carry out the plan based on a study report in collaboration with JOCV.</p>	<p><b>【Target Organizations】</b>                      Government organization in charge of pre-primary education</p> <p><b>【Target Group】</b>                      1. For first JFY, senior officials in charge of pre-primary education of the target organizations. For second and third JFY, directors or teachers in charge of pre-primary education                      2. With more than 3 years of occupational experiences in this field.                      3. University graduates or the equivalent</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Nov.24.2008～Dec.10.2008</p>
<p>1. To clarify the purpose of participating the course, a draft plan for improving pre-primary education will be prepared in collaboration with JOCV.                      2. Introduction on outline of Japan's basic ideas, laws, and policies on pre-primary education, through lectures and observation.                      3. Basic knowledge of educational system of pre-primary education teachers, discussion with students, etc. Observation on preschools, kindergartens, nursery schools and discussions with teachers, parents.                      4. Utilizing the knowledge acquired in the course, participants will prepare and present study reports which shows practical way to realize the plan for improving pre-primary education in their countries                      5. A study report will be finalized in participants' respective country and will be carried out.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Tsurumi University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Yokohama</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>Middle East countries especially where JOCV has started their activities in this field are prioritized.</p>

<b>INSET MANAGEMENT FOR FRANCHOPHONE COUNTRIES ~ Assistance for</b> <b>Introduction and Improvement of School-Based Teacher's Training</b> <b>仏語圏アフリカINSET運営管理(校内研修導入・改善支援)</b>		R/F  0884157
Target Countries: Francophone Countries in Africa		Education—Education Administration
		8 participants / French
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> To design a plan for improving INSET and share it with related personnel in each country. <b>【Outputs】</b> (1) To clarify the issues about INSET Management in respective countries and analyze the possible causes for them (2) To be able to explain the legal framework and the role of educational administration offices on teacher training in Japan. (3) To design a plan for improving INSET realistically and rationally after learning from Japanese experiences and challenges. (4) To share the plan for improvement with related personnel and to realize and analyze the points for action. (Under Planning)	<b>【Target Organizations】</b> National and Regional Educational Administration Offices <b>【Target Group】</b>  (Under Planning)	
CONTENTS	PROGRAM PERIOD	Jan.middle, 2009~Mar.early, 2009
(Program in Japan) (1) To discuss the issues and the causes about INSET management (Issue Analysis Workshop) (2) Lectures on Educational system in Japan”, “Outline of PRESET”, “Administration and financial Management of Local Administration Offices, and “The Role of Board of Education” Lectures and discussion on INSET system in Japan and other countries. (3) Observing INSET and discussion. Visiting schools and observing lesson studies. Discussion. (4) Design a improvement plan for INSET management. (Under Planning)	IMPLEMENTING PARTNER	Naruto University of Education
	JICA CENTER	JICA Shikoku
	COOPERATION PERIOD	2008~2010
	REMARKS	




OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To strengthen ability of participants for developing and utilizing educational evaluation and monitoring method (especially evaluation of lesson in the classroom) with the aim of quality enhancement of education.</p> <p><b>【Outputs】</b> (1) To understand the theory of educational evaluation (especially evaluation of quality in teaching) (2) To understand practical evaluation methodology (3) To understand characteristic of lesson evaluation of learning in subjects (4) To develop method/tool for educational evaluation (5) To propose and improve feasible action plan to solve current issues</p>	<p>(Under planning) <b>【Target Organizations】</b> Ministry of Education</p> <p><b>【Target Group】</b> •Be government officials (Head inspectors) in charge of evaluation and monitoring in education •Have teaching experience for more than 5 years as a teacher in school •Preferably be Counterparts or related officials in JICA technical cooperation project in mathematics and science education •Preferably be in charge of subject in mathematics •Be proficient in English language</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.26.2008～Nov.20.2008
<p>(Under planning) <b>【Preparatory Phase】</b> Participants shall prepare and submit an Inception Report describing the past/present situation and issues in the field of lesson evaluation in respective countries/organizations.</p> <p><b>【Program in Japan】</b> Lecturers will introduce Japan's experiences on lesson evaluation and its countermeasures. To provide more concrete information and ideas, observation in actual lesson in the classroom will be arranged. During the program, a discussion session will also be provided at each session to ensure in-depth understanding. (1) Inception Report Presentation and Discussion (2) Workshop on identification of challenges/issues to be solved. (3) Lectures, Observations and Discussion •General Information/Policy/History of Educational System in Japan •Educational Evaluation (Lesson Evaluation) •Planning and practice of the lesson (Teaching methodology) •Lesson Study (mainly focused on mathematics) •Actual lesson in Japanese school •Preparation and reviewing of the lesson by teachers •Lesson study among teachers (mainly focused on mathematics) (4) Development of method/tools for lesson evaluation which will be applied in actual situation in home country based on learning from this program (5) Writing and presentation of Action Plan for practical use of developed method/tool before returning home country</p> <p><b>【Activities after returning to Home Country】</b> After returning to their home countries, participants will: •Report the program, share the interim report with faculties in their organizations and modify the feasible action plan if necessary. •Implement the action plan. •Elaborate the Final Report, which includes the progress and result of the action plan 6 months after returning to their respective countries and submit it to JICA.</p>	<b>IMPLEMENTING PARTNER</b>	Tokyo Gakugei University
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2008～2010
	<b>REMARKS</b>	Countries in Sub-Saharan Africa which is conducting/ will conduct JICA technical cooperation project in science and mathematics education.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To improve in-service training (INSET) for teachers under SMASE-WECSA project for qualitative improvement of teachers and implementation of ASEI-PDSI in each country.</p> <p>To reach the objective, participants are expected:</p> <p>(1) understand the teacher's activities for class improvement to make the classes more attractive for pupils;</p> <p>(2) understand the implementation and management system/method of INSET for teachers;</p> <p>(3) understand the role of educational administration/school management to support class improvement; and</p> <p>(4) propose Action Plans to improve the system/activities for class improvement.</p> <p>*ASEI-PDSI: Idea of class improvement introduced by SMASSE project.</p>	<p>(1) Educational administrators responsible for improving school education (preferably who have teaching experience at schools or have been school principals or vice-principals),</p> <p>(2) Principals, vice-principals or senior teachers of elementary or secondary schools who have challenging experience to make the school or classes better, such as conducting teachers' training on their own,</p> <p>(3) Teachers at teacher training colleges or universities,</p> <p>(4) Teachers conducting INSET (In-Service training).</p>	
CONTENTS	PROGRAM PERIOD	Jan.13.2009~Feb.14.2009
<p>&lt;Preparatory Phase&gt; Formulation of Country Report.                      &lt;Curriculum in Japan&gt;                      - Education system in Japan (Ministry of Education, Culture, Sports, Science and Technology, local educational administration, educational laws, pre-service teacher training )                      - Teacher training system, roles of education centers                      - Classrooms at different kinds of schools                      - Activity for class improvement (lesson study, discussions with classroom teachers)                      - School management                      - Observation of training for newly appointed teachers in Japan                      - Discussion with Japanese principals of primary and junior-high schools                      - Preparation and presentation of Action Plan                      &lt;Finalization Phase&gt;                      Implementation of the Action Plan and the report of the progress.</p>	IMPLEMENTING PARTNER	Sapporo Education Center
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2007~2009
	REMARKS	<p>This course is intended for educational administrators, principals, vice-principals, senior teachers and instructors at teacher training colleges <u>engaged in SMASSE-WECSA</u></p>


Target Countries: Central and South America

12 participants / Spanish


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Under planning:</p> <p><b>【Objective】</b></p> <ul style="list-style-type: none"> <li>- To gain knowledge and know-how of School Management in Japan.</li> <li>- To be able to design an improved School Management Plan.</li> <li>- To be able to share and execute improved School Management.</li> </ul> <p><b>【Outputs】</b></p> <ul style="list-style-type: none"> <li>(1) Sharing information about the present circumstances and issues of School Management in other participants' schools.</li> <li>(2) Understanding general information about education in Japan.</li> <li>(3) Understanding School Management in Japan.</li> <li>(4) Creating an improved School Management Plan (including an Annual Plan).</li> </ul>	<p><b>【Target Organizations】</b> Elementary /Secondary Schools or Teacher Training Schools which are designated as "model schools".</p> <p><b>【Target Group】</b> Principal or Head teachers of Elementary /Secondary Schools or Teacher Training Schools</p> <p>Ages under 55 years old</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan.2009 ~ Feb.2009(Under Planning)</p>
<p>Under Planning:</p> <p><b>【Preparatory Phase】</b> Analyzing the present circumstances and issues of School Management in one's own school.</p> <p><b>【Program in Japan】</b></p> <ul style="list-style-type: none"> <li>(1) Initial Report presentation</li> <li>(2) Lectures on education in Japan, School Management, etc.</li> <li>(3) School visits</li> <li>(4) Discussion with lecturers and participants.</li> <li>(5) Creation of an improved School Management Plan (including Annual Plan) as an Interim Report.</li> </ul> <p><b>【Post Program Activity】</b></p> <ul style="list-style-type: none"> <li>(1) Sharing and implementing (as a trial) the improved School Management Plan with other teachers.</li> <li>(2) Making a Final Report including the progress of the Plan and revised School Management Plan.</li> </ul>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Under Planning</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	


<b>Promotion of Non-formal Education for Asia</b> <b>アジア地域ノンフォーマル教育拡充</b>		R/F 	0884237
Target Countries: Asia		12 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>[Outcome] To make a draft strategy plan for promoting Non-formal Education in each country by learning from the experiences in Japan and in Thailand.</p> <p>[Outputs] (1) To understand the system and the role of administration in Non-formal Education (in Thailand) (2) To understand the experiences on Community Learning Center (CLC) and share how to promote Non-formal Education (in Thailand) (3) To understand the outline of Japanese Educational System, related organizations especially on life-long learning. (4) To understand the role of Non-formal Education for community development and issue solving by sharing experiences on life-long learning and social learning means (5) To make strategy plan for promoting Non-formal Education in each country</p>	<p>[Target Organizations] (1) Ministries or Local government offices which are in charge of Non-formal Education (2) Universities or any research institutes which is holding any research on Education</p>		
CONTENTS	PROGRAM PERIOD	Feb.15.2009～Mar.15.2009	
<p>&lt;Preparatory Program&gt; To make country report To attend training in Thailand (1) System of Non-formal Education (2) Visiting Community Learning Center (CLC) (3) Discussion</p> <p>&lt;Program in Japan&gt; (1) Program Orientation (2) Country Report Presentation (3) Outline of Educational System in Japan (4) Outline of Life-long Learning and Social learning (5) Visiting community centers (6) Making strategy plan for promoting Non-formal Education (7) Discussion</p> <p>&lt;Post-Program activities in Japan&gt; To finalize the strategy plan for promoting Non-formal Education</p>	IMPLEMENTING PARTNER	Hiroshima University, UNESCO Bangkok Office	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2007～2009	
	REMARKS	The program is still under discussion. Part of the contents is subject to change.	


Education in Japan: Applying Japan's Experience to Developing Countries for Latin American Countries 中米地域 日本の教育経験		R/F 	0884040
Target Countries: Caribbean and Latin America		11 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objective】</b> To gain knowledge and know-how of the Japanese educational system, policy and plan (especially in the field of "School Education Plan").</p> <p><b>【Outputs】</b> (1) Sharing information about the present circumstances and issues of compulsory education in participating countries as well as understanding educational development in Latin American and Caribbean countries. (2) Understanding School Education Plan in Japan, comparing those of one's own country. (3) Making an action plan to improve "School Education Plan" one's own country.</p>	<p><b>【Target Organizations】</b> Department in charge of "School Management" in the Ministry of Education (central organ).</p> <p><b>【Target Group】</b> • Director or sub-director of the department • Ages under 55</p>		
CONTENTS	PROGRAM PERIOD	Jun.15.2008~Jun.28.2008	
<p><b>【Preparatory Phase】</b> Analyzing the present circumstances and issues of education, educational system and educational policy, plan etc. in one's own country. Making a presentation entitled "Educational Policy and School Education Plan in my country".</p> <p><b>【Program in Japan】</b> (1)Country Report presentation of "Educational Policy and School Education Plan in my country" (2) School visits (3) Lectures on education in Japan, School Education Plan and School Evaluation system, etc. (4) Discussion with lecturers and participants. (5) Completion of report to improve "School Education plan" in one's own country.</p>	IMPLEMENTING PARTNER	Ibaraki Prefecture, Tone-ma chi and Joss city Board of Education	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2006~2008	
	REMARKS	In 2008, the theme of the course is "School Management(School Education Plan, School Evaluation)"	


Post-Conflict Educational Reconstruction and Development in Africa アフリカ紛争後復興期における教育開発		R/F 	0884179
Target Countries: Africa		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To identify, scrutinize, and systematize various factors from social, economical and technical aspects essential to reconstruct educational systems for African countries under post-conflict situations, this course is to achieve the following outputs: 1. Clarify the present conditions and challenges for educational reconstruction in countries facing a post-conflict situation, 2. Share experiences and lessons learnt for educational reconstruction possessed by countries having emerged from post-conflict situations, 3. Recognize the various conditions required to achieve educational reconstruction under post-conflict situation, 4. Learn about the reconstruction of the Japanese educational system after the 2nd World War, and 5. Create a co-supportive network of countries and donors for educational reconstruction in the post-conflict situation.</p>	<p>These participating countries may be categorized as follows: a) Countries currently in post-conflict situations Senior decision makers for education policy/administration b) Countries overcoming post-conflict situations Senior decision makers for education policy/administration Senior academics for educational development c) Countries supporting neighboring post-conflict countries <b>【Target Group】</b>Senior decision makers for educational assistance to neighboring countries</p>		
CONTENTS	PROGRAM PERIOD	Feb.2009~Mar.8.2009	
<p>In this course, all the participants are expected to function as resource persons with plenty of experience and ideas. All kinds of inputs brought by the participants will definitely enrich the contents of this course. It is hoped that the participants will share their experiences and ideas and learn from each other. The course will also provide fundamental knowledge and skills, such as the Minimum Standard by the INEE as well as the Japanese educational system and experiences. The details are as follows: (a) Workshop conducted by the International Institute for Educational Planning (b) Case studies and seminars among participating countries and organizations (c) Observation of educational reconstruction in Japan (d) Observation and lectures of present educational conditions in Japan (e) Action plan and its discussion</p>	IMPLEMENTING PARTNER	Osaka University	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2006~2008	
	REMARKS	Expected number of participants per country: 2-3	

## 2.Health


<b>Agricultural Medicine and Rural Health –Occupational Hazard of Agriculture and Community Health in Rural Area–</b> <b>農村医学</b>		GROUP 	0880008
		Health–Health System	
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants will acquire knowledge and practical control measures to develop health policies in rural areas suitable for their respective countries.  To reach the objective, participants are expected to acquire knowledge and techniques on the following:  (1) Prevention of health hazards caused by modernization in rural communities (2) Residential and environmental sanitation, including drinking water and waste disposal (3) Problems of agricultural chemicals (4) Environmental pollution caused by agricultural chemicals (5) Health problems in the fields of agriculture and forestry (6) Primary healthcare in rural areas	(1) Medical doctors or health administrators responsible for planning and/or managing rural health programme at a national/district level and at the same time, a manager of mid-level or above in the office or field (2) Individuals with a basic knowledge of agricultural medicine and rural health programs (3) Age: Preferably under 50 years old		
CONTENTS	PROGRAM PERIOD	Sep.8.2008~Nov.9.2008	
1. Basic lectures and practice 1) Modification and public health in rural areas 2) Importance of health policies and primary healthcare in rural areas 3) Problems on agricultural chemicals 4) Health problems in the modernizing process of agriculture and forestry 5) Health problems in rural areas 6) Discussion of traditional medicine 2. Workshop, group study and discussion 3. Field visits	IMPLEMENTING PARTNER	Agency for Cooperation in International Health (ACIH)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


<b>Hospital Management</b> <b>病院経営・財務管理</b>		GROUP 	0880010
		Health–Health System	
		12 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
For many developing countries, a major issue is how to provide medical service to many regional citizens, by connecting and using limited management resources effectively. The aim of this program is to enable participants to grasp actual conditions and manage their own hospital.  To reach the objective, participants are expected to achieve the following:  1. To apply the concept and practical know-how of hospital management at their workplace and transfer the knowledge and techniques to their colleagues 2. To collect and arrange pertinent information for decision making 3. To utilize the compiled information for hospital administration 4. To design improved and practical hospital management plans for their own workplaces	[Target Organizations] Hospitals which work on hospital management  [Target Group] (1) Individuals currently engaged in hospital management and financing, and have at least 5 years of work experience in the fields concerned (2) Individuals with a sufficient command of spoken and written English (3) Age: Preferably 30–40 years old		
CONTENTS	PROGRAM PERIOD	Sep.8.2008~Nov.15.2008	
1. Grasp the actual circumstances (1) (Hospital organization, personnel affairs, medical record administration, PCM, equipment/inventory/material control) 2. Grasp the actual circumstances (2) (PFFC Concept and its application, financial control, security control, in-hospital infection, clerical work flow, material control in developing countries) 3. Setting goals (community health cooperation, Japanese health and medical system and health insurance system, the role of hospitals) 4. Making plans (personnel control, departmental costing, hospital marketing, budgets and accounts in national hospitals, PCM)  * PFFC (Patient and Family Focused Care) * These contents will be covered by lectures, practical exercises and field trips.	IMPLEMENTING PARTNER	ST. MARY'S HOSPITAL	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	1. Participants should be between 30 and 40 years old. 2. For Bosnia and Herzegovina, Serbia, Macedonia and Montenegro, there are other regional training courses for Southeast European countries.	

Food Sanitation Administration 食品保健行政		GROUP 	0880039
		Health—Health System Agricultural/Rural Development—Other Agricultural/Rural Development Issues 9 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The goals of this training for participants are to:  1) understand basic knowledge of food sanitation 2) understand knowledge of the measure of food sanitation from production to consumption 3) understand surveillance/inspection systems concerning food sanitation	<Target Organization> Governmental organizations in charge of food sanitation management  <Target Group> (1) Administration officials with a technical background in charge of food sanitation inspection at national or local government organizations with at least 3 years of practical work experience (2) University graduates or with equivalent qualification (3) Individuals under 45 years of age (4) Proficient in spoken and written English		
CONTENTS	PROGRAM PERIOD	Jan.5.2009～Mar.4.2009	
This program covers the following topics: (1) Lectures: (a) Outline of food sanitation (b) The present conditions and problems of public health (c) Standards and specifications of food (d) HACCP, etc. (2) Practical exercises: (a) Supervision and guidance in supermarkets (3) Observation: (a) Food processing factories (b) Municipal institutes of public health and other public facilities (c) Markets (d) Laboratory work: Bacteriological and physiochemical examinations	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2006～2010	
	REMARKS	This program is designed for public health administrators in charge of food sanitation inspection and guidance. For laboratory technicians in charge of food hygiene examinations, another program titled "Hazard Analysis Management for Animal Food" is recommended.	

Women Leaders' Training on Health Promotion and Nutrition Improvement 健康と栄養改善のための女性指導者研修		GROUP 	0880219
Target Countries: Africa		Health—Health System 8 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
To develop human resources capable of conducting health promotion activities with the core of food and nutrition improvement in their own communities.  To attain the objective, participants are expected to achieve the followings: (1) To be able to explain health promotion activities on food and nutrition, and to be able to discuss relationship between nutrition and the health status of local residents from broad perspectives (2) To be able to analyze food and nutrition problems in communities, and utilize the know-how to solve them (3) To be able to draw up an action plan regarding health promotion activities to improve eating habits and nutritional status in each community	【Target Organizations】 Central/regional governments engaged in health administration  [Target Group] (1) Middle-ranking officers who are engaged in planning and/or implementing policies (measures) for community-based nutritional and health guidance. (2) Individuals with 3 years or more of experience in the field. (3) Preferably not pregnant because the duration is long and icy roads in winter are dangerous.		
CONTENTS	PROGRAM PERIOD	Nov. 11. 2008 ~ Jan. 24. 2009	
Preparatory phase: To submit (1) A job report with introductions of work, problems in their countries, fields of interest and the reasons (2) Questionnaire. Program in Japan: This course consists of the following contents. (1) Concept of health promotion and case study, National nutrition survey, JICA Projects in Africa, Theories of food culture and traditional food in Japan, Reproductive health and women's empowerment, HIV/AIDS and nutrition (2) Community empowerment and participatory nutrition education, Nutritional assessment, Nutrition and metabolism, Theories on nutritional guidance, Nutrient calculation, Public health nutrition, Food preservation and processing (3) Practical development of health promotion activities, Organization and roles of health centers and public hygiene service, Health Japan 21 activities (maternal and child health, adult health, dietary life improvement promoters), Meal delivery service to patients at hospitals (4) To make a concrete action plan which describes the project objectives, outputs, major activities, etc. after returning country	IMPLEMENTING PARTNER	Obihiro Otani Junior College Obihiro Public Health and Welfare Center	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2006～2010	
	REMARKS	Questionnaire about diffusion of effects of the program and execution of the Action Plan.	





Vaccine Quality Control Technology ワクチン品質管理技術		GROUP 	0880367
		Health—Immunization	
		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of this course is for participants to acquire quality control technology of inspection for their domestically produced or imported vaccines and techniques for preserving, transporting or using vaccines correctly in their countries, thus vaccines are utilized properly to be of benefit in the prevention of diseases in respective countries. To achieve this goal, this course is designed to complete the following outputs;</p> <p>(1) To understand the tests for filling lots and final products of vaccines stipulated in the WHO requirements and the Minimum Requirements for Biological Products in Japan  (2) To understand the needs of validation  (3) To understand which test is related to either safety, effectiveness, or the purity of vaccine  (4) To understand the items described in the protocol (record for the production and testing) for the DPT vaccine  (5) To understand the items described in the specification (package insert) of the DPT vaccine</p>	<p>(1) University/college graduates or equivalent with more than 3 years of occupational experience in developing, manufacturing and quality control of biological products  (2) Individuals under 35 years of age  (3) National vaccine testing or quality control institutes (cf. NCL) authorized by the WHO</p>		
CONTENTS	PROGRAM PERIOD	Aug.18.2008~Dec.13.2008	
<p>This course consists of common subjects for all participants and group work at laboratories. Common subjects are:</p> <p>(1) Quality control technology for DPT vaccine.  (2) The effect of transportation and preservation conditions on the vaccine quality  (3) Good manufacturing practice.</p>	IMPLEMENTING PARTNER	RESEARCH FOUNDATION FOR MICROBIAL DISEASES, OSAKA UNIV.	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Collaboration programme with the WHO. Participants are expected to be engaged in the same field after returning to their own countries.	


Seminar on How To Reduce Child Deaths and International Cooperation – In focus on Millennium Development Goals, No.4, 5 and 6 – 「子どもの死亡削減と国際協力」セミナー ～ミレニアム開発目標の達成をめざして～		GROUP 	0880717
		Maternal and Child Health /Reproductive Health	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Participants will acquire knowledge and techniques to review the policies and execution of work related to MCH and to develop their managerial and planning skills for improving MCH in their own countries.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To identify the factors for reducing child deaths and improving maternal health by analyzing the situation of their respective countries/regions  (2) To understand the surveillance of infectious diseases (AIDS/HIV, tuberculosis, malaria, etc.) and their preventive measures at international, regional and country levels  (3) To find various approaches and practical measures to improve the factors discussed in (1) and (2), and to formulate an action plan  (4) To understand international MCH programs, such as the integrated management of childhood illness (IMCI) and Millennium Development Goals (MDGs), and to evaluate the current progress, analyze the factors and consider the future plan of the MCH program in the participant's own country</p>	<p>[Target Group]  (1) Medical doctors or medical strategy officers in a senior position who are responsible for national formulation of maternity and child health strategy and its execution,  (2) Preferably no older than 50 years old</p>		
CONTENTS	PROGRAM PERIOD	May.6.2008~Jun.22.2008	
<p>1. Basic lectures and practice  1) Japan's health policy (including the health insurance system, health check-up, community based family planning activity)  2) Maternal and Child Health (MCH) (including MCH activities in public health and welfare centers, prevention of vertical infection of HBV and HIV, nutrition)  3) International health cooperation (including integrated management of childhood illness (IMCI)), immunization problem and control of infectious diseases, MCH handbook in Indonesia, MCH and UNICEF  2. Millennium Development Goals (MDGs): Achievement of health related MDGs and future plan  3. International symposium on maternal and child health  4. Field visits  5. Group discussions</p>	IMPLEMENTING PARTNER	Agency for Cooperation in International Health (ACIH)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2006~2010	
	REMARKS		


<b>Cardiovascular Diseases</b> <b>循環器病対策</b>		GROUP	0880738
Target Countries : Albania, Angola, Argentina, Fiji, Iraq, Phillipines		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Acquire basic knowledge of diagnosis and treatment in each special field of cardiovascular disease and learn about preservation, and the early stage treatment or advanced medical care according to participants' needs.	(1) Licenced physicians and surgeons authorized by participating countries' governments (2) Individuals with at least five years of occupational experience in the diagnosis and treatment of cardiovascular diseases (For applicants wishing to specialize in perinatology, the required duration of occupational experience is shortened.)		
CONTENTS	PROGRAM PERIOD	Sep.8.2008~Nov.22.2008	
This course consists of individual and specialized forms of training in a given department of the National Cardiovascular Center. Each participant is to choose one of the following departments: (1) Department of medicine: cardiac, cerebrovascular, hypertension, renal, arteriosclerosis and metabolism division (2) Department of cardiovascular surgery or cerebrovascular surgery (3) Department of anesthesiology (4) Department of pediatric cardiology (5) Department of radiology (6) Department of preventive medicine (7) Department of pathology (8) Department of perinatology  Moreover, all participants are kindly requested to present their country reports detailing the actual situations of cardiovascular diseases while at the end of the course, participants are requested to submit action plan reports and will be evaluated by doctors concerned on their specialities.	IMPLEMENTING PARTNER	NATIONAL CARDIOVASCULAR CENTRE	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Participants cannot be permitted to make direct contact with patients, according to the national practitioner's law.	


<b>Clinical Medicine and Research for Tropical Doctors</b> <b>熱帯地の医師のための臨床医学と研究</b>		GROUP	0880813
Health—Other infectious diseases		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> To strengthen capability of public health personnel who are engaged in infectious diseases control, to strengthen capabilities of clinicians who are responsible for treating infectious diseases patients, and to strengthen capabilities of researchers on infectious diseases  <b>【Outputs】</b> (1) Clinical Tropical Medicine (2) Tropical Public Health (3) Oversea Training (4) Research Project and dissertation	<b>【Target Organizations】</b> Governmental organization, research institute, or NGO, which treat with tropical disease control <b>【Target Group】</b>		
CONTENTS	PROGRAM PERIOD	Mar.30.2009~Mar.30.2010	
(1) During the intensive first four months of the course, a series of lectures and practical (including clinical case discussions and laboratory work) aim to provide essential and advanced knowledge of clinical tropical medicine with reference to microbiology, virology, parasitology and entomology. (2) During the intensive first four months of the course, a series of lectures and practical on the tropical public health to build up basic epidemiological and research skills including study design, data management and medical statistics. There will also be a written examination. (3) This part of the program is in collaboration with the National Institute of Health at Ministry of Public Health in Thailand. All trainees will travel to Thailand and stay for two to four weeks where they will visit local hospitals and other healthcare facilities, Thai governmental ministry offices, (4) All trainees will be assigned to conduct a research project and will submit a Master dissertation, and will work under the supervision of Institute of Tropical Medicine or Graduate School of Biomedical Sciences, Nagasaki University.	IMPLEMENTING PARTNER	Institute of Tropical Medicine, Nagasaki University	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


Seminar on Epidemiology and Control Measures of Vaccine Preventable Diseases – Polio End Game – ワクチン予防可能疾患の疫学及び対策セミナー ～ポリオ、麻疹、B型肝炎対策及び新ワクチン導入～		GROUP 	0880880
		Health—Immunization	
		8 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants will acquire knowledge and techniques to establish strategic policies on the eradication of poliomyelitis, and other vaccine preventable diseases of epidemiological importance, including measles, rubella, and hepatitis B in view of the newly developed strategies of the Global Immunization Vision and Strategy (GIVS). To reach this objective, participants are expected to acquire the following knowledge and techniques: (1) Analysis and establishment of practical eradication or control methodology and management of field programs (surveillance, diagnosis, vaccination, mop-up operations, etc.) (2) Discussion on building an innovative strategy to accelerate its eradication in countries where it continues to spread, despite considerable containment efforts (3) New vaccine introduction (4) Relationship between the vaccination program for special disease and that of eradication (or elimination)	(1) Medical doctors or masters of public health and, at the same time, managers responsible for the national or regional EPI programme or individuals in the equivalent positions (2) Age: Preferably under 50 years old		
CONTENTS	PROGRAM PERIOD	Jun.9.2008～Jul.20.2008	
1. Special lecture on polio and measles 1) Polio End game 2) Integration of Polio Eradication and Control of Other Diseases- GIVS 3) Assessment of the Programme in Individual Participating Countries 2. Basic lectures 1) Advantage and Disadvantages of OPV and IPV 2) Control Measures in Countries with Zero Cases of Diphtheria 3) Diagnosis and Control of Measles and Rubella 4) Disease Control and Information Management 5) Emergency Control for Specific Infectious Diseases 6) Emerging and Re-emerging Diseases 7) Future Perspective of Eradication 8) Immunization Plus 9) Infectious Disease Control and Vaccines 10) Infectious Disease Surveillance in Japan 11)International Cooperation from the Viewpoint of Malaria Control 12) Japanese Encephalitis – New Vaccine Development 13) Laboratory Diagnosis of Poliomyelitis 14) Manufacturing of Live and Killed Polio Vaccines 15) Measles Vaccine 16) Neurological and Neuropath logical Basis of AFP and Polio 17) Problems of the Campaign to Stop TB based on Strategies in Japan, WHO 18) Recent Research on Vaccine Development 19) Vaccine Supply Problems in Japan 3. Field visits 4. Group discussion	IMPLEMENTING PARTNER	Agency for Cooperation in International Health (ACIH)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2004～2008	
	REMARKS		


Development of Laboratory Diagnosis of Resistant Microbes –General Microbiology Applied to Clinical Laboratory– 薬剤耐性病原体の実験室診断		GROUP 	0880884
		Health—Other infectious diseases	
		7 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants will acquire knowledge and techniques to improve their laboratory diagnosis ability for drug resistant microbes in their home countries. To reach the objective, participants are expected to acquire the following knowledge and techniques: (1) Techniques of microbe isolation and identification (2) Techniques of anti microbial susceptibility tests and microbe drug resistance examination (3) Advanced technology and knowledge of infectious disease control in the diagnostic laboratory (4) The concept of the importance of infectious disease control in the area of public health (5) The concept of global surveillance activities on emerging and re-emerging infectious diseases	(1) Clinical laboratory technologists, or microbiologists working in hospital clinical laboratories, public health laboratories, or other health laboratories collaborating with national infectious disease control (2) Managers of mid-level or above in fields related to the course (3) Age: Preferably under 45 years old		
CONTENTS	PROGRAM PERIOD	Nov.17.2008～Mar.29.2009	
1. Lecture: 1) Antimicrobial susceptibility testing – Principle and practice 2) Biochemical mechanisms of acquired resistance to antibacterial drugs 3) Control of infectious diseases in developing countries 4) Control of nosocomial infections 5) Current topics on pneumonia, influenza and their drug resistance 6) Drug resistance of malaria parasites 7) Era of antibiotic resistance in major bacterial infections 8) Examination method of antibiotic resistance bacteria 9) Function of bacterial toxins 10) Global situation of viral infectious diseases 11) Host-microbe interaction – A new scope of molecular mechanism in microbial pathogenesis 12) PCR techniques 13) Public Health and Social Service in Japan, the Past and the Present 14) Quality control and quality assurance practice in clinical microbiology 15) Retroviral infections 16) Screening for new microbial products 17) Surveillance of infectious diseases 2. Practice: 1) Isolation and identification of bacteria 2) Isolation of antibiotic resistance plasmid in Escherichia coli 3) PCR Method 4) Susceptibility test of multi-drug resistant organisms 3. Field trips 4. Group discussion	IMPLEMENTING PARTNER	Agency for Cooperation in International Health (ACIH)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2004～2008	
	REMARKS		


<b>The Maternal and Child Health and Welfare Workshop</b> <b>母子保健福祉研修</b>		GROUP 	0880911
		Health—Maternal and Child Health /Reproductive Health	
		7 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>[Outcome] The participants will make action plans to improve ideas and practical methods to promote MCH and welfare activities in the community that are acquired based on the experience of MCH administration and welfare administration in Japan, considering the aspect of linkage between MCH and welfare.</p> <p>[Output] 1.Prepare the reference information related to the workshop and clarify the question in MCH and welfare before coming to Japan. 2.Clarify problems in MCH and welfare of their own countries based on the experience of MCH and welfare services in Japan, country report presentation by other participants. 3.Acquire tips and examples of countermeasures to solve the identified problems of their own countries. 4.Sort out (planning, implementing) tasks and make a clear direction to address necessary measures after returning to their own countries. (Action Plan)</p>	<p>(1) be a national or local government health service administrators who have medical degree and in charge of planning, management of MCH program and have knowledge of community health promotion (2)Individuals expected to possess a background in the field of MCH or Social Welfare and continue their careers in those services</p>		
CONTENTS	PROGRAM PERIOD	Feb.1.2009~Feb.21.2009	
<p>&lt;Preparatory phase&gt; To formulate a country report that describes the situation and problems in MCH and Welfare in own country. &lt;Program in Japan&gt; • Country Report Presentation and Discussion • Lectures, Information Service &amp; Discussions: Trend and Status of Child Welfare Services, Trend and Status of MCH Services in Japan, Health and Nutrition Status of Japanese Children, A local Diagnosis and the Health Promotion, Outline of Community Management and Aikku-Han Activities, MCH Handbook, The linkage of Maternal and Child Health and the Welfare, etc • Field Trip &amp; Observation Visits: The Activity of Health Welfare Center, The Activity of the Child Guidance Center, Facility of the infants, Facility of the Maternal and child life support, Aikku-Han Activities,etc •Group Exercise and Presentation</p>	IMPLEMENTING PARTNER	Japan International Corporation of Welfare Services (JICWELS)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

<b>Study Programme for Pharmaceutical Affairs Experts</b> <b>薬事行政官研修</b>		GROUP 	0880913
		Health—Health System	
		7 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of this program is to develop human resources in the planning and implementation of pharmaceutical administration in the respective places.</p> <p>To reach the objective, participants are expected to achieve the following: (1) Point out current issues and tasks in respective countries by sharing knowledge of the current situations and experiences of Japanese pharmaceutical administration, experiences of other participant's countries and by strengthening expertise through this program. (2) Propose a feasible action plan to solve current issues and improve situations. (3) Promote mutual understanding in the field of pharmaceutical administration among respective countries.</p>	<p>Applicants should (1) Be government administrators and supervisory personnel who are responsible for assurance of safety, efficacy and quality of drugs, (2) Be 30 to 50 years old, (3) Continue their careers in pharmaceutical affairs services (4) Be proficient in the English Language</p>		
CONTENTS	PROGRAM PERIOD	Nov.9.2008~Dec.11.2008	
<p>【Preparatory Phase】 Participants will prepare and submit a Country Report describing the past and present situations and issues in the field of pharmaceutical administration in the respective countries/organizations involved. 【Program in Japan】 (1) Lectures, Study Visits and Discussion Lecturers will introduce Pharmaceutical Affairs Administration and Related Services in Japan (Pharmaceutical administration, Pharmaceutical affairs law, Guidance and Inspection, Regulation on medical services, Current situation of ICH on pharmaceutical regulations etc). To provide more concrete information, study visits to related facilities will be arranged. During the program, a discussion session will also be provided at each session for in-depth understanding. (2) Country Report and Action Plan Presentation session for all participants All the participants have an opportunity to present their Country Reports at the beginning of the program. An action plan will be provided by all the participants and presented at the end of the program.</p>	IMPLEMENTING PARTNER	Japan International Corporation of Welfare Services (JICWELS)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Study Programme on Manufacturing Control of Essential Drugs –GMP Course– 必須医薬品製造品質管理研修(GMPコース)		GROUP 	0880914
		Health—Health System	
		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of this program is to develop human resources in the planning and administration of quality control in line with the GMP concept and the quality assurance of essential drugs in the respective places.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) Point out current issues and tasks in respective countries by sharing the knowledge of the current situations and experiences of quality assurance of essential drugs in Japan and other participant's countries and by strengthening expertise through this program.</p> <p>(2) Propose a feasible action plan to solve current issues and improve situations.</p> <p>(3) Promote mutual understanding in quality control, in line with the GMP concept, and the quality assurance of essential drugs among respective countries.</p>	<p>Applicants should</p> <p>(1) be governmental pharmaceutical inspectors or key personnel currently involved in the supervision of manufacturing control/quality control at State Pharmaceutical Corporations with sufficient experience,</p> <p>(2) be 30 to 50 years of age</p> <p>(3) continue their careers as governmental pharmaceutical inspectors</p> <p>(4) be proficient in the English Language</p>		
CONTENTS	PROGRAM PERIOD	Nov.9.2008~Dec.11.2008	
<p><b>【Preparatory Phase】</b> Participants shall prepare and submit a Country Report describing the past and present situation and issues of pharmaceutical administration and the quality assurance of essential drugs in respective countries/organizations.</p> <p><b>【Program in Japan】</b> (1) Lectures, Study Visits and Discussion Lecturers will introduce the Japanese pharmaceutical administration, GMP legislation, the Japanese pharmacopoeia, the Medical insurance system, the Japanese pharmaceutical inspection and guidance and distribution of drugs. To provide more concrete information, study visits to the related facilities will be arranged. During the program, a discussion session may also be provided at each session for in-depth understanding.</p> <p>(2) A Country Report and Action Plan Presentation session for all the participants All the participants have an opportunity to present their Country Reports at the beginning of the program. An action plan will be provided by all participants and presented at the end of the program.</p>	IMPLEMENTING PARTNER	Japan International Corporation of Welfare Services (JICWELS)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Hospital Administration and Health Services Management 病院管理技術とヘルスサービスマネージメント		GROUP 	0880959
		Health—Health System	
		12 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This course is designed to improve the capacity of hospital managers and administrators to provide high quality and accurate health service to people in developing countries.</p> <p>Participants are required to make a final report based on the following aspects by the end of the training:</p> <p>1. Global trends in health sector reform, the social movement of decentralization and privatization, and health policy issues</p> <p>2. Measures for total quality management and patient safety management on health services</p> <p>3. Personnel, material, financial and information management of hospital services.</p>	<p>(1) Individuals engaged in hospital administration at the top management level (e.g. directors or deputy directors of hospitals) or government officers responsible for district healthcare or hospital administration * It is desirable if both careers attend the program from each county.</p> <p>(2) University graduates or equivalent</p> <p>(3) Individuals between 35 and 45 years of age</p>		
CONTENTS	PROGRAM PERIOD	Aug.26.2008~Oct.4.2008	
<p>In this program, the following three areas will be covered through lectures, group case studies, workshop, symposium, group discussions, field visits and respective country report research:</p> <p>(1) Global trends in health sector reform, social movements of decentralization and privatization, and health policy issues</p> <p>(2) Measures for total quality management and patient safety management in health services</p> <p>(3) Personnel management, material management, financial management, and marketing</p>	IMPLEMENTING PARTNER	NATIONAL INSTITUTE OF PUBLIC HEALTH	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Drug Abuse Prevention Activities 薬物乱用防止啓発活動		GROUP 	0880965
		Health—Health System Governance—Other Governance Issues 7 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Through developing human resources who take the initiative role as leaders against global drug abuse, this program contributes to the improvement for the measures of drug abuse prevention. To reach the objective, participants are expected to achieve the following results: (1) To understand various aspects of measures against drug abuse implemented in Japan. (2) To learn new skills or methodologies for drug abuse prevention enlightenment activities, and to develop ideas on how to apply them to their own country. (3) To deepen knowledge about drug abuse prevention activities in each country through lectures and discussion among the participants and finally, (4) To formulate an action plan on the basis of any hints acquired in the above steps (1) to (3)	(1) Government or NGO staff involved in drug abuse prevention activities (2) University graduates or equivalent educational background, (3) Individuals with more than three years of experience in the field of drug abuse prevention activities, (4) Age: 30–45 years old		
CONTENTS	PROGRAM PERIOD	Aug.26.2008~Sep.20.2008	
<ul style="list-style-type: none"> <li>• Lecture</li> <li>(1) The outline of drug control in Japan (2) The drug abuse situation in Japan</li> <li>(3) Drug abuse education (4) Drug abuse prevention enlightenment activity in communities and schools (5) The concept of enlightenment activity (focusing on a caravan car) (6) Local government effort drug prevention (7) Drugs for medical use (8) Mass communication and drug abuse problem</li> <li>• Observation</li> <li>(1) The drug prevention campaign in communities</li> <li>(2) Treatment and rehabilitation for drug patients</li> <li>(3) Drug for medical use</li> <li>• Discussion</li> <li>(1) Country presentation (2) An action plan</li> </ul>	IMPLEMENTING PARTNER	DRUG ABUSE PREVENTION CENTER	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Medical Staff Training Course 医療技術スタッフ練成コース		GROUP 	0880998
		Health—Health System 10 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> This course is aiming at training medical staff and developing their capability, with an emphasis on the practice (mainly composed of clinical lecture and observation) and basic technical guidance, and participants are expected to formulate action plans to solve the problem of their own organizations.</p> <p><b>【Outputs】</b> This course will be conducted in 2 groups.</p> <p>(A) &lt;radiological technology&gt; (1)basic factor of image construction, (2)objectives and roles of modalities, (3) outline of imagining devices, (4)quality control of images, (5)knowledge of diagnostic imaging</p> <p>(B) &lt;rehabilitation&gt;(1)rehabilitation system and teamwork, (2) outline of CBR and its practice (3) basic knowledge/technique of early intervention and care for disabled children/people, (4) teaching method of skills necessary for daily life of disabled children/people, (5) technique to make equipments/tools for disabled children/people, (6) understand evaluation and guidance of activities for independence and income generation of disabled people</p>	<p><b>【Target Organizations】</b> Organizations which provide medical services with radiography and/or rehabilitation (CBR)</p> <p><b>【Target Group】</b> (1) be able to extend domestically the technology and knowledge acquired from this course (2) be presently engaged in the field and with more than five years of work experience (3) be engaged in practical service of Radiological Imaging, Physical Therapy or Occupational Therapy (Doctors, nurses, researcher or those mainly involved in teaching is not included.) (4) CBR practitioners or individuals who wish to be a CBR practitioner (only for B group)</p>		
CONTENTS	PROGRAM PERIOD	Jan.4.2009~Mar.21.2009	
<p><b>【Core Phase in Japan】</b> (1) Joint Program for groups and (A) and (B) Medical situation and insurance system in Japan, international health, primary health care, outline of team medical care Workshop and formulation of action plan</p> <p>(A) (1)basic factor of image construction, (2)objectives and roles of modalities, (3) outline of imagining devices, (4)quality control of images, (5)knowledge of diagnostic imaging</p> <p>(B) (1)rehabilitation system and teamwork, (2) outline of CBR and its practice (3) basic knowledge/technique of early intervention and care for disabled children/people, (4) teaching method of skills necessary for daily life of disabled children/people, (5) technique to make equipments/tools for disabled children/people, (6) understand evaluation and guidance of activities for independence and income generation of disabled people</p> <p><b>【Finalization Phase in a participant's home country】</b> Implementation of the action plan and submission of its progress report</p>	IMPLEMENTING PARTNER	JAPAN INTERNATIONAL MEDICAL TECHNOLOGY FOUNDATION	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Health Professionals (Master's degree: Health Science) 保健人材育成(長期)		L/T	0881108
		Health—Health	
		1 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> The ability for solution of problems of health officers in central governments, staffs of health sector in universities will be improved. <b>【Outputs】</b> (1) Obtain a basic knowledge and research methodology in health science. (2) Obtain an advanced knowledge in health science. (3) Obtain special knowledge on International and Islands Health Sciences. (4) Formulate a master thesis in health science.	<b>【Target Organizations】</b> Health Department/Section of central governments, universities <b>【Target Group】</b> (1) Current Duties: Government officials in health department and lecturers in public health or nursing at universities (2) Experience in the relevant field: have at least 5 years of working experience in the field of public health/nursing (3) Language : have a fine command of English enough to make an oral presentation and write a report		
CONTENTS	PROGRAM PERIOD	March.2009~March.2011	
(1) Methodology and Advanced Health Sciences (2) School Health Administration, Mental Health Nursing, Clinical Psychology, Maternal-Child Nursing, Adult Nursing, Clinical Physiology, Clinical Biochemistry, Functional Physiology, Environmental Health, Child Health, Community Health Nursing, Fundamental Nursing, Hematoimmunology, Microbiology. (3) International and Islands Health Sciences (4) Research in the related field above mentioned and formulating of a thesis as the results of the research	IMPLEMENTING PARTNER	The Graduate School of Health Sciences, University of the Ryukyus	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Expectations for the Participants: be related with JICA programs in this field will be preferable.	

International Health Study 国際保健学(長期)		L/T	0881110
		Health—Maternal and Child Health /Reproductive Health	
		2 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Promote understanding and interests in international health for a student who is in charge of policy planning at central and local government, and eventually improve management ability of Maternal and Child Health Handbook. <b>【Outputs】</b> (1) Acquirement of basic theory on International Health Studies (2) Acquirement of practical methods on health policy and management (3) Practical methods learning on project management and analysis (4) Writing a master thesis on the study concerned to health in developing countries, based on course work and references	<b>【Target Organizations】</b> Senior Development Officials of Central and Local Government Agencies <b>【Target Group】</b>		
CONTENTS	PROGRAM PERIOD	Mar.1.2009~Mar.10.2012	
(1) Lecture and seminars on international health Lecture and exercise on qualitative and quantitative research methods Socioeconomic situation of developing countries (poverty and education) (2) Lecture and exercise on health management Lecture on health policy and social welfare (3) Lecture and exercise on project management Lecture and exercise on practical evaluation methods(utilize a case of Maternal and Child Health Handbook) (4) Making a study design of the research on health in developing countries Reading many references related the topics Continuous guidance for writing a master thesis	IMPLEMENTING PARTNER	Osaka University Graduate School for Human Development Studies	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

National Institute of Public Health Master of Public Health Administration in International Health for Public Health Officers 国際保健(長期)		L/T	0881111
Target Countries: Former socialist Eastern Europe nations are excluded due to difference of health		4 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> This program will improve the overall managerial capacity of health workforce in central and local government of public health. <b>【Outputs】</b> (1) Comprehension and acquisition of basic knowledge and theory of public health (2) Comprehension and acquisition of Planning and Management methods (3) Comprehension of Policy Making (4) Comprehension and acquisition of Leadership and Communication skills (5) Acquisition of Research method (6) Thesis writing for Master of Public Health	<b>【Target Organizations】</b> Public health related section in central and local government <b>【Target Group】</b> •Be government administrators (officials) or professionals in the institution in public health •Have more than 5 years of professional experience in public health, and be expected to work for the governmental administration offices or educational and research institutes related to public health for at least 3 years after the completion of training in Japan •Be proficient in English with more than 550 score in TOEFL(TOEFL-CBT 213)		
CONTENTS	PROGRAM PERIOD	Feb.20.2009~Mar.30.2010	
(1) Basic knowledge and theory of public health Health Informatics/Epidemiology/Biostatistics/Basic Environmental Health Sciences/Seminar on Environmental Health Sciences/Health Promotion/Special Study in International Health/Overseas Training in the Philippines (2) Planning and management methods Health Administration&Policy/Community Health Education/Problem Solving Skills (3) Policy making Health Administration and Policy/Field Practice on Health and Welfare Administration/Social Gerontology/Health Economics and Financing (4) Leadership and communication skills Health Administration and Policy 2/Field Training/Community Health Education (5) Research method Introduction to Health Research/Field Training/Health Administration and Policy/Special Study	IMPLEMENTING PARTNER	National Institute of Public Health	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Overseas Training Program in the Philippines would be conducted in cooperation with College of Public Health, University of the Philippines.	

Epidemiology of international infectious diseases 国際感染症疫学(長期)		L/T	0881112
Health-Other infectious diseases		2 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> 1) Promotion of mission performance in epidemiological surveillance and study on infectious disease 2) Increase in reliability of epidemiological information transmitted from the subjective area. <b>【Outputs】</b> 1) Learning fundamentals of social medicine and related liberal arts 2) Learning recent topics of infectious diseases research 3) Acquisition of practical techniques required to the epidemiological study on infectious diseases 4) Preparation of a dissertation for MPH based on a self-designed protocol for epidemiological surveillance and the results obtained from the operation of it.	<b>【Target Organizations】</b> National Institute for Health, Medical School <b>【Essential Qualifications】</b> 1) Researcher from the institute of Public Health, Researcher from the Public Health Section of Medical University 2) holding a bachelor's degree 3) At age 35 years or younger 4) have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more *Certain level of Japanese skill is preferable		
CONTENTS	PROGRAM PERIOD	Under Planning	
<b>【Preparatory Phase in Japan】</b> •To be enrolled at the Graduate School of Medicine, Osaka University as a research students and to prepare for the study •To attend Japanese language course at the university <b>【Core Phase in Japan】</b> Participants will do postgraduate studies as follows at Public Health Course of Medical Science, Graduate School of Medicine, Osaka University (1) Learning fundamentals of social medicine and related liberal arts (2) Learning recent topics of infectious diseases research (3) Acquisition of practical techniques required to the epidemiological study on infectious diseases (4) Preparation of a dissertation for MPH based on a self-designed protocol for epidemiological surveillance and the results obtained from the operation of it.	IMPLEMENTING PARTNER	Master of Public Health Course of Medical Science, Graduate School of Medicine, Osaka University	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2008~2010	
	REMARKS		



<b>Medical Science for Dermatology</b> <b>皮膚病学(長期)</b>		L/T	0881142
Target Countries: Thailand etc		1 participants	ENGLISH
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
<b>【Objectives】</b> This training program aims at fostering leaders in dermatology and core persons in international cooperation by giving an opportunity to study in Juntendo University. <b>【Outputs】</b> (1) To set the Study Theme. (2) To set the Hypothesis. (3) To obtain and analyze necessary information. (4) To prove the Hypothesis. (5) To complete the Article.	<b>【Target Group】</b> Those who completed the Third Country Trainign Programme "Diploma Couse in Dermatology"		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Feb.17.2009～Mar.27.2011	
(1) To understand and confirm basic knowledge. (2) To examine how to approach towards to the theme. To examine the hypothesis. To set the hypothesis. (3) To obtain related documents which are necessary for hypothesis proof. To analyze above. To collect data. To analyze its collecting data. (4) To re-examine the hypothesis, if necessary. To reset the hypothesis, if necessary. To re- collect data and re-analyze it. To prove the Hypothesis. (5) To prepare the Article. To contribute the Article. To take examinations of the Article.	<b>IMPLEMENTING PARTNER</b>	Juntendo University, Department of Dermatology, School of Medicine.	
	<b>JICA CENTER</b>	JICA Tokyo	
	<b>COOPERATION PERIOD</b>	2008～2010	
	<b>REMARKS</b>		

<b>Clinical Laboratory Technology for Francophone African Countries</b> <b>仏語圏アフリカ臨床検査技術</b>		R/F	0884015
Target Countries: Francophone Africa		12 participants	French
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
<b>【Objectives】</b> To contribute citizen's life improvement through preventing bacteria-induced intestinal, respiratory, urinary and reproductive organ infections, which can be life threatening and are frequently seen in the targeted countries. To achieve the above mentioned, Participants acquire bacteriological testing technologies (not in the narrow sense of knowledge and techniques, but encompassing clinical application of data, hospital teamwork systems, the procurement and management of reagents and equipment, etc.) <b>【Outputs】</b> 1. Participants can improve testing technologies abilities. 2. Participants understand the importance of teamwork with medical doctors, etc. 3. Participants acquire the skill how to disseminate techniques and knowledge to colleagues and subordinates in their laboratories. 4. Participants design action plans, which address the issues in their laboratories.	<b>【Target Organizations】</b> Hospitals/public inspection organizations, which have facilities to replicate the training contents <b>【Target Group】</b> 1. Senior medical technologists or engineers (* an official title of the managerial class of medical technologists in Francophone Africa), with at least 2 years of experience in the field of bacteria laboratory testing. * Medical doctors, nurses, researchers, educators and administrators are excluded. 2. Individuals able to transfer the knowledge and skills of the training course to other medical technologists in his/her laboratory.		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Aug.4.2008～Oct.27.2008	
1. To comprehensive Japanese health sector situation through observe hospitals, medical facilities, companies related to anti-infectious disease measures 2. Information sharing & definition issues through the Job report presentation. 3. Bacterial Inspection Technology (Lectures, Practices of intestinal, respiratory, urinary and reproductive organ infections) 4. Small Group Training (Practices in hospitals) 1) Specimen collection methods, preservation methods, specimen-processing methods, timing and methods of reporting results, 2) Maintaining materials and apparatus used, etc., 3) Sterilization process and regeneration methods, 4) Use of antiseptics and testing to evaluate their effectiveness, 5) Communication between attending physicians, nurses and patients, 6) Collecting information on patient pathologies, 7) Understanding and methods used to interpret the results of testing for infectious diseases 5. Learning dissemination skills & Action Plan presentation	<b>IMPLEMENTING PARTNER</b>	The Kinki Association of Medical Technologists, Japan International Medical Technology Foundation	
	<b>JICA CENTER</b>	JICA Osaka	
	<b>COOPERATION PERIOD</b>	2006～2010	
	<b>REMARKS</b>		

Improvement of Blood Screening for Central American Countries 中米地域血液スクリーニング検査向上		R/F	0884044
Target Countries : Central America		10 participants	Spanish
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
Participants will acquire knowledge and techniques in blood screening by teaching the theory and standards concerning blood safety to establish the necessary legislation and systems, as well as improving of blood screening techniques in their own countries.  To reach the objective, participants are expected to achieve the following : (1) To understand the global strategy of blood safety and control of blood transmitted diseases: AIDS, ATL/HTL, viral hepatitis, dengue fever, malaria etc.; (2) To acquire knowledge and techniques of blood screening and evaluation; and (3) To understand the blood screening system and make recommendations to improve existing systems in each country.	(1) Laboratory technologists or medical doctors working in blood transfusion services in hospitals, research institutes or universities and actually involve in blood screening tests (2) Manager of mid level or above in fields related to the course (3) Individuals with working experience of more than 5 years in blood screening area (4) 50 years of age or less		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jan.12.2009~Feb.15.2009	
A. Lecture 1) Blood Supplying Programme and Blood Safety in Japan 2) Immunological Adverse Reaction of Blood Transfusion 3) Blood Transfusion Services 4) Blood Transfusion and Viral Infection 5) Blood Transfusion and Microbial Infection 6) Management of Blood Transfusion Service using Computers 7) Theory of Blood Transfusion 8) Role of Blood Transfusion Service in University 9) Blood Transfusion Service in Japan 10) Blood-Transfusion Related Infections 11) Blood Transfusion and Diagnostic Medicine B. Practice 1) Blood Screening Techniques (Viral infection screening tests, HIV, hepatitis, etc.) 2) Infectious disease surveillance 3) Dengue fever, West Nile fever C. Field Trips D. Presentation and Discussion 1) Job Report Presentation 2) Final Report Presentation	<b>IMPLEMENTING PARTNER</b>	Agency for Cooperation in International Health (ACIH)	
	<b>JICA CENTER</b>	JICA Kyushu	
	<b>COOPERATION PERIOD</b>	2006~2010	
	<b>REMARKS</b>		

Hospital Management for Southeast European Countries 南東欧地域病院運営		R/F	0884056
Target Countries : Serbia, Montenegro, Bosnia and Herzegovina, Macedonia		6 participants	Serbian
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
Nowadays, there are world bank projects for the health sector in south east European countries, to improve their health services and its system. Each hospital must be managed and in order to do so, managers must have management skills. This course is established to manage hospitals effectively and efficiently, so that sufficient funds will be saved and appropriated for the maintenance of medical equipment procured through Japan's ODA Projects. To achieve this objective, participants will: 1) Understand the cooperation between each department 2) Understand the problems and to be able to think of appropriate countermeasure 3) Make a plan for hospital management improvement	[Target Organizations] Hospitals which have received medical equipment thanks to Japan's ODA Projects  [Target Group] - Managers/assistant managers in hospitals		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jan.12.2009~Feb.14.2009	
- Types of work performed by each hospital department. - Hospital's problems (insufficient funding for equipment maintenance, etc.) and possible solutions. - Hospital's management policy and action guidelines. - Total Quality Management, 5S and TOYOTA way - Formulation of an action plan for presenting a budgetary bill based on information and data related to hospital management.  * Program will be held in the form of lectures, observations and discussions.	<b>IMPLEMENTING PARTNER</b>	ST. MARY'S HOSPITAL	
	<b>JICA CENTER</b>	JICA Kyushu	
	<b>COOPERATION PERIOD</b>	2006~2008	
	<b>REMARKS</b>	The term of this training course is not yet determined.	

**Medical Equipment and Maintenance for Central and South America**  
**中南米地域医療機材管理・保守**

R/F  0884131

Health—Health System

Target Countries : Central and South America

11 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The course goals are to learn basic knowledge of electricity and electronics, the structures of major medical equipment, equipment operation procedures, assembling and disassembling, and troubleshooting, daily maintenance work. Participants are:</p> <ol style="list-style-type: none"> <li>To understand the basics of electricity and electronics,</li> <li>To understand the basics of medical engineering,</li> <li>To understand the maintenance works of medical equipment, and</li> <li>To be able to instruct their colleagues and subordinates to maintain medical equipment when back at home.</li> </ol>	<ol style="list-style-type: none"> <li>Individuals nominated by their government in accordance with the procedures mentioned in IV below</li> <li>Individuals in charge of the operation and maintenance of medical equipment</li> <li>Junior engineers, radiographers, or laboratory technicians</li> <li>Individuals in charge of the maintenance of medical equipment with no more than 5 year's experience</li> <li>Under 35 years of age;</li> <li>Be in good health, both mentally and physically, to undergo the training</li> </ol>	
CONTENTS	PROGRAM PERIOD	May.6.2008~Aug.9.2008
<p>The program will consist mainly of lectures and practical training in which Medisun staff and visiting professionals will impart expertise and instruction on the respective subjects. This will be supplemented by observation trips to related agencies and institutions. The major subjects are as follows:</p> <ol style="list-style-type: none"> <li>Basics of medical care</li> <li>Basics of electricity and electronics</li> <li>Infection Control</li> <li>Medical engineering</li> <li>Main material room-related equipment</li> <li>Operation room equipment</li> <li>Hospital ward equipment</li> <li>Laboratory equipment</li> <li>Miscellaneous</li> </ol>	IMPLEMENTING PARTNER	Medisun., Co. Ltd
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2007~2009
	REMARKS	

**Seminar on Epidemiology and Control Measures of Vaccine Preventable Diseases for French-speaking African Countries**  
**仏語圏アフリカ地域ワクチン予防可能疾患の疫学及び対策セミナー**


R/F  0884160


Health—Immunization

Target Countries : Francophone Africa

8 participants / French

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will acquire the knowledge and techniques to establish strategic policies on the eradication of poliomyelitis B from the viewpoint of newly developed strategies of Global Immunization Vision and Strategy (GIVS). To reach the objective, participants are expected to acquire the following knowledge and techniques :</p> <ol style="list-style-type: none"> <li>Analysis and establishment of practical eradication methodology and management of field programmes (surveillance, diagnosis, vaccination, mop-up operation, and so on)</li> <li>Discussion on building up innovative strategy as to how to accelerate its arrest in countries where the persistent spread is continuing despite considerable eradication efforts</li> <li>New vaccine introduction in the programs</li> <li>Relationship between vaccination programs for special diseases and those for eradication (or elimination)</li> </ol>	<p><b>【Target Organizations】</b> Organizations responsible for national or regional EPI programs</p> <p><b>【Target Group】</b>  <ol style="list-style-type: none"> <li>Medical doctors and at the same time, managers responsible for national or regional EPI programs or persons in equivalent positions</li> <li>(Preferably) 50 years of age or younger</li> </ol> </p>	
CONTENTS	PROGRAM PERIOD	Oct.6.2008~Nov.2.2008
<p>A. Special Lecture on Polio Eradication Programme</p> <ol style="list-style-type: none"> <li>Polio end game</li> <li>Presentation by participants concerning the Polio Eradication Programme</li> <li>Integration of polio eradication and control of other diseases – Global Immunization Vision and Strategy (GIVS)</li> <li>Assessment of the programme in individual participating countries</li> <li>Group and plenary discussion and conclusion</li> </ol> <p>B. Basic Lecture</p> <ol style="list-style-type: none"> <li>Activities of the public health centers</li> <li>Advantages and disadvantages of OPV and IPV</li> <li>Clinical manifestation of Guillain-Barre Syndrome</li> <li>Clinical neuropathology – AFP Diagnosis</li> <li>Immunization Plus</li> <li>Infectious disease control and vaccines</li> <li>Laboratory diagnosis of poliomyelitis</li> <li>Viral vaccines – polio, measles, rubella, mumps</li> </ol> <p>C. Field trips</p> <p>D. Group discussion and study</p>	IMPLEMENTING PARTNER	Agency for Cooperation in International Health (ACIH)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007~2009
	REMARKS	

Human Resource Development in the field of Maternal and Child Health in Francophone Africa 仏語圏アフリカ地域 母子保健人材育成		R/F 	0884192
Target Countries: French Speaking Africa		8 participants /	French
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The capability for human resources development for nurses and midwives necessary for improvement of Maternal and Child Health (MCH) will be enhanced. Upon successful completion of the course, participants will be expected:</p> <p>(1) To understand the system and the present situation of MCH services in Japan.  (2) To understand the educational system for nurses and midwives in Japan  (3) To understand training curriculum for nurses and midwives in the field of MCH, and its practical methods,  (4) To understand the post education system for nurses and its MCH related.  (5) To consider applicability of the experiences of MCH/human resources development in Japan, and propose action plans.</p>	<p>【Target Organizations】 Universities or equivalent educational institutions for nurses and midwives</p> <p>【Target Group】  (1) Senior lecturers engaged in nurse and midwife trainings at university or the equivalent educational institutions  (2) Certified nurses or midwives with more than five (5) years of practical experience</p>		
	CONTENTS	PROGRAM PERIOD	Sep.16.2008~Nov.1.2008
<p>Preparatory phase: Participants should prepare a "Country Report" which describe the present situation and problems related to Maternal and Child Health and human resources development for nurses and midwives.</p> <p>Curriculum in Japan:  (1) Country Report Presentation  (2) System and the present situation of services of MCH in Japan  (3) Nursing education system in Japan  (4) Training curriculum for nurses and midwives in the field of MCH, and its practical methods  (5) Post education system for nurses and its MCH related  (6) Propose action plans</p>	IMPLEMENTING PARTNER	Sapporo Medical University	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2007~2009	
	REMARKS	<p>Expected number of participants per country: 1-2</p> <p>This training course is designed for nurses and midwives, and not for medical doctors.</p>	

Women's Health and Maternal and Child Health Support for the Middle East Countries 中東地域女性の健康支援を含む母子保健方策		R/F 	0884227
Target Countries: Middle East		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of this training course is to understand the system and policies in the area of maternal and child health and health support for women in Japan through:</p> <p>(1) understanding the structure and policies for maternal and child health and women's health support in Japan,  (2) understanding the community activities of self-help groups (volunteers) and experts,  (3) and learning service and support activities to protect women against violence and lead women to participate in health management activities.</p>	<p>【Target Organizations】 National/local governments or NGOs for maternal and child health</p> <p>【Target Group】 Applicants should:  (1) Have present or potential responsibilities for the education of nurses, maternal nurses, public health nurses, or community health workers  (2) Have certifications of nurses, maternal nurses, public health nurse, or community health workers and with 5 years experience</p>		
	CONTENTS	PROGRAM PERIOD	Jun.2.2008~Jul.11.2008
<p>【Lecture】  (1) Maternal and child health policies in Japan (government)  (2) Maternal and child health policies in Miyazaki Prefecture (municipality)  (3) System of Maternal-Fetal Medicine in Japan and Miyazaki Prefecture  (4) Women's health and medical check up for cancer prevention (cervical and breast cancer)  (5) Sexually Transmitted Infections (STI) and mother to child infections  (6) Peer education for adolescent sexual health with practice  (7) Domestic violence and child abuse in Japan and Miyazaki Prefecture  【Field visits】  (1) University of Miyazaki Hospital  (2) Maternal and child health activities (government and community levels)  (3) Maternity clinic  (4) Peer education and adolescent sexual health  (5) Support activities for violence (6) Nursery school</p>	IMPLEMENTING PARTNER	University of Miyazaki	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2007~2009	
	REMARKS		


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this training course is to improve the ability to make relevant plans of necessary inputs with limited resources through:</p> <p>(1) Learning lessons from the healthcare system and experience in Japan.                      (2) Understanding the role of healthcare centers, medical institutions, and government.                      (3) Understanding healthcare system, including emergency services in local communities.                      (4) Learning the Japanese experience in the development of healthcare during the reconstruction period.                      (5) Developing action plans aiming to improve public healthcare in countries.</p>	<p><b>【Target Organizations】</b>                      Ministry of Health or local departments of health or medical institutions involved with public health</p> <p><b>【Target Group】</b>                      – Medical doctors or policy makers of the Ministry of Health or local departments of health                      – Public health officials in medical institutions</p>	
CONTENTS	PROGRAM PERIOD	Feb.9.2009～Mar.20.2009
<p><b>【Lectures】</b>                      (1) Healthcare system and experience in Japan                      (2) Healthcare system and experience in the community                      (3) Emergency life saving by urban fire fighting agencies                      (4) Healthcare improvement in the community (Japan Red Cross and school)</p> <p><b>【Field visits】</b>                      (1) Munakata City Hall and Health Center in Fukuoka Prefecture                      (2) Fire fighting agency in Munakata City                      (3) Elementary school in Munakata City                      (4) Japanese Red Cross Society in Fukuoka                      (5) Fukuoka Red Cross Hospital</p> <p><b>【Discussion】</b>                      Course Reflection (Q&amp;A Session)</p>	IMPLEMENTING PARTNER	Japan Red Cross Kyushu International College of Nursing
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007～2009
	REMARKS	The term of this training course is not yet determined.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Course Objective] This program is designed to improve the laboratory diagnosis of poliomyelitis by solving problems in the National Polio Laboratory (NPL) and dissemination of the techniques and information acquired in Japan to other doctors/technicians in the NPL.</p> <p>[Outputs] To reach the objective, participants are expected to:</p> <ol style="list-style-type: none"> <li>1. Acquire a standardized technique for the maintenance of cell culture for NPL.</li> <li>2. Acquire a standardized technique for the isolation and identification of polio and enteroviruses.</li> <li>3. Acquire the application of molecular typing for the laboratory diagnosis of polio and enteroviruses</li> <li>4. Understand the necessary equipment, items and reagents, and biosafety for the NPL.</li> <li>5. Understand the global status of polio eradication, and the current role and function of the Global Polio Laboratory Network.</li> </ol>	<p>[Target Organizations] National Polio Laboratory under the WHO Global Polio Laboratory Network</p> <p>[Target Group] Doctors and laboratory technicians engaged in the laboratory diagnosis of polio viruses more than one year, at the NPL, under the WHO Global Polio Laboratory Network.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jan.13.2009~Feb.7.2009</p>
<p>[Before coming to Japan] Preparation of the report on the current situation of the polio eradication program and laboratory diagnosis on poliomyelitis.</p> <p>[Activities in Japan] I Lectures/practice on:</p> <ol style="list-style-type: none"> <li>1. Cell culture – Preparation of the reagents – Cell culture – Titration of polio viruses</li> <li>2. Viral isolation – Virus isolation from fecal samples – Isolation and Identification of polio viruses</li> <li>3. Molecular typing – Molecular epidemiology of polio and enteroviruses – Intratypic differentiation by using PCR-RFLP</li> <li>4. Appropriate condition of the National Polio Laboratory – Preparation of the reagents – Biosafety – Laboratory containment of wild polio viruses</li> <li>5. Global Polio Eradication Program and Global Polio Laboratory Network – Overview of global polio eradication – Polio viruses (vaccine-derived poliovirus) – Polio surveillance and the laboratory network in the Western Pacific Region – Laboratory diagnosis of enteroviruses</li> <li>6. Other laboratory related issues</li> </ol> <p>II Presentation on country status, issues, future perspective of the polio eradication program</p> <p>III Presentation on how to improve the laboratory diagnosis of poliomyelitis in NPL and transfer knowledge and information to colleagues.</p> <p>[Activities in home country] Implementation of the actions mentioned in the action plan to improve the laboratory diagnosis of poliomyelitis. Report on the activities after the course in Japan,</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p> <p><b>COOPERATION PERIOD</b></p> <p><b>REMARKS</b></p>	<p>National Institute of Infectious Diseases</p> <p>JICA Tokyo</p> <p>2007~2009</p> <p>This course is held in collaboration with the WHO Western Pacific Regional Office.</p>


Target Countries: Countries with technical cooperation, or grant aid by Japan are desirable.


10 participants /


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Theoretical background knowledge and laboratory techniques for diagnosis and monitoring of HIV infection that are acquired during the course in Japan will be disseminated within the participants' organizations (National Reference Lab and its equivalent).</p> <p><b>【Outputs】</b>                      (1) 1. To explain the basic knowledge concerning HIV/AIDS                      (2) 2. To explain the principal knowledge of serological diagnosis and quality control and to perform its practice                      (3) 3. To explain the theoretical background knowledge of PCR (polymerase chain reaction) technology and to perform its practice                      (4) 4. To explain the basic knowledge of monitoring of HIV infection and to perform its practice                      (5) 5. To formulate a plan of action to transfer knowledge and laboratory techniques for diagnosis and monitoring of HIV infection acquired during the course in Japan to participant's organization.</p>	<p><b>【Target Organizations】</b>                      National reference lab and its equivalent  <b>【Target Group】</b></p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jun.10.2008~Jul.19.2008</p>
<p>(1) Lectures: Biosafety management, Retrovirology, Epidemiology of HIV/AIDS, etc. Practice: Laboratory set-up                      (2) Lecture: Laboratory diagnosis of HIV infection. Practice: Serodiansis of HIV infection, Workshop                      (3) Lecture: Basics of PCR (1) (2) (before and after practice). Practice: DNA PCR, RT PCR, Workshop                      (4) Practice: Amplicor, QT-PCR, CD4 count (FACS &amp; Dynabeads), Workshop                      (5) Country report presentation, Interim report (Action plan) presentation and discussion, Final report submission to show that the action plan is actually performed in the participants' organization.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>National Institutes of Infectious Diseases</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

Oral Health Science Education 口腔健康科学教育		GROUP  0880816	
		Health—Health	
		10 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> Diffusion Plan for sharing the knowledge and skills which are required to establish oral public health system is formulated for the purpose of diffusion inside Dental Education Institutions and health centers within the jurisdiction of central and rural hospitals.</p> <p><b>【Outputs】</b> (1) To be able to explain and practice the basic knowledge and skills concerning public dental health (2) To be able to explain and practice the knowledge and the practice skills to perform public dental health (3) To be able to explain and practice the applied knowledge and practical skills concerning public dental health (4) To prepare for Action Plan for spreading the dental public health in participant's country and its discussion (5) To examine the Diffusion Plan based on the Action Plan in participant's organization after going back to participant's country</p>	<p><b>【Target Organizations】</b> Dental Education Institutions, Central/Rural Hospitals</p> <p><b>【Target Group】</b> -have at least 3 years of professional or academic experience in the field of dental education -be presently engaged in dental education or dental health service -be younger than 45 years old, -have sufficient command of spoken and written English since the training will be conducted in English</p>		
CONTENTS	PROGRAM PERIOD	Apr.23.2008~Aug.9.2008	
<p>(1) Lecture: Oral health science education, Progress of basic dental science, Oral health care activity and Recent dental material and techniques Training out of the recipient organization: Tokyo Medical and Dental University, Fukuoka Dental College Visiting private companies: Nissin factory in Kameoka.</p> <p>(2) Lecture: Oral health care activity, Oral health science education, Dental Caries and Periodontal disease Training out of the recipient organization: National Institute of Public Health, Fukuoka Dental Association, Fukuoka Medical Welfare Center and Saga Medical Center for Disabled Children Visiting private companies: Lion factory in Odawara and Lion oral care research institute.</p> <p>(3) Lecture: Picture diagnosis in dental treatment, Prosthodontics, Lesion and treatment of TMD, Oral surgery in the case of special patients, Dental treatment in growing period and diagnosis and treatment for important disease in oral surgery Training out of the recipient organization: Morimoto Private Dental Clinic, Oral health education at school and Tsugayasu Private Dental Clinic Visiting Private Companies: GC, Morita, Shofu and Wada Precision Dental Laboratories.</p> <p>(4) Practice: Extracting the contents applicable for their own countries from the summarized whole program. Making the materials using for presentation of the content obtained in this program in their countries after going back to their home countries, making a practice to have a lecture and discussing about each presentation.</p> <p>(5) Report the result of training in Japan to participant's organization Examination of the Diffusion Plan based on the Action Plan in participant's organization</p>	<b>IMPLEMENTING PARTNER</b>	Kyushu University	
	<b>JICA CENTER</b>	JICA Kyushu	
	<b>COOPERATION PERIOD</b>	2008~2010	
	<b>REMARKS</b>		




<b>Latest Cancer Diagnosis and Treatment</b> <b>最新のがんの診断と治療</b>		GROUP  0880957
Target Countries: Countries where cancer is one of top 10 causes of death nationwide		Health—Health System 7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Course Objective] The participants contribute to improve cancer diagnosis and treatment of medical professionals at the hospital by the dissemination of their practical and specialized knowledge and techniques gained in Japan.</p> <p>[Outputs] Through the lectures and individual training program, participants are expected: 1 to develop a vision pertinent to future clinical medicine based on the present medical conditions of their countries by incorporating what has been learned through cancer diagnosis and treatment practiced in NCC and Japan, 2. to identify techniques and know-how which are readily applicable in their countries, 3. to formulate a plan to apply and propagate techniques and know-how acquired through the training.</p>	<p>[Target Organizations] Hospitals</p> <p>[Target Group] Participants should; (1) Be licensed physicians working at hospitals authorized by their governments, (2) Have more than seven (7) years clinical experience with a minimum three (3) years experience in cancer diagnosis and treatment in the field of surgery, pathology, etc., (3) Be specialized in cancer diagnosis and treatment</p>	
CONTENTS	PROGRAM PERIOD	Oct.7.2008~Nov.15.2008
<p>&lt;Preparatory phase (Before coming to Japan)&gt; Formulate a report on the present job description and expectation for the program</p> <p>&lt;Program in Japan&gt; (1) Group lectures: 1) Therapeutic endoscopy 2) Health Insurance System in Japan and payment of medical fee 3) Diagnostic Radiology 4) Cancer Statistics and Epidemiology in Japan (2) Individual training: conducted in accordance with the participants respective specialties, such as X-ray diagnosis of digestive organs, endoscopic diagnosis and treatment, surgical treatment of esophageal cancer, surgical treatment of gastric cancer, surgical treatment of hepatobiliary and pancreatic cancer, surgical treatment of colon and rectum cancer, medical oncology of hepatobiliary and pancreatic cancer, radiation oncology, diagnostic pathology. (3) Observation of research institutions and attending academic conference (4) Formulate an action plan on how to utilize expertise and share the knowledge in the respective country</p> <p>&lt;Post-program activities (After returning to home country)&gt; The result of the actions taken by the participant will be reported as a Final Report 6 months after the return.</p> <p>* Clinical practice will not be allowed in Japan, and the program will be mainly based on observations.</p>	IMPLEMENTING PARTNER	NATIONAL CANCER CENTER
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	Countries in which cancer (malignant tumor, malignant neoplasm etc) is ranked in the top ten diseases of mortality are encouraged to attend the program.

Lifestyle-Related Diseases Prevention 生活習慣病予防対策		GROUP  0880985
		Health-Health System
		7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants are expected to improve their capacity to plan, implement and evaluate preventive measures against lifestyle related diseases (LSRD) through this course, and carry out the action plan.</p> <p>The expected results are:</p> <p>(1) To analyze and grasp the current situation and problems of lifestyle and related diseases in each country</p> <p>(2) To acquire the method of health education as a LSRD prevention leader and to understand the importance of health promotion activities</p> <p>(3) To acquire the knowledge and skills of screening and monitoring systems</p> <p>(4) To establish and evaluate a health education program</p>	<p>[Target Organizations] Organization in charge of public health service and lifestyle related disease (LSRD) prevention</p> <p>[Target Group] (1) Doctors or persons currently engaged in public health service, and also responsible for LSRD prevention activities (2) Individuals with at least 3 years of experience (3) Age: 30-50 years old (4) Sufficient command of spoken and written English (5) Proficient in Microsoft Excel (6) Good health both physically and mentally</p>	
CONTENTS	PROGRAM PERIOD	Aug.18.2008~Sep.27.2008
<p>(1)Pre-training program - Creation of a job report</p> <p>(2)Training program in Japan 1) Presentation of job report 2) Current situation for lifestyle related disease prevention - Health Policy in Japan - Activities in Aichi Prefecture 3) Health promotion activities and their effectiveness - Hypertension, Diabetes, Obesity, Cancer, Risk factors of LSRD 4) Methods of intervention - Evaluation of health condition - Exercise, Nutrition, Stress management, Nonsmoking, 5) Health education according to life-stage - Infant, Adult, Elderly people, School, Workplace, Community 6) Infrastructure Development - Personnel training system - Monitoring system diagnosis in own locality, methods of examining LSRD 7) Creation of an action plan</p> <p>(3)Post-training program - Creation of a progress report</p>	<b>IMPLEMENTING PARTNER</b>	Aichi Health Promotion Foundation
	<b>JICA CENTER</b>	JICA Chubu
	<b>COOPERATION PERIOD</b>	2005~2009
	<b>REMARKS</b>	The participants are required to try exercising, walking, water exercise and others in the training.


<b>Maternal and Child Health Promotion Based on Community in Central and South America</b> <b>地域母子保健強化(中南米)</b>		R/F 	0884013
Target Countries: Central and South America(those who speak Spanish)		12 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> To enable participants to acquire the knowledge and skills which suit to their conditions to implement maternal and child health service</p> <p><b>【Outputs】</b> To reach the objective, participants are expected to achieve the followings:</p> <ol style="list-style-type: none"> <li>1.Understand the health system in Japan and the experience of postwar reconstruction of Okinawa Prefecture as the cases of community health administration, and to analyze the issues of public health in respective countries</li> <li>2.Obtain the knowledge and skills to promote maternal and child health service based on community</li> <li>3.Understand the function of networking among public health, medical treatment, social welfare, and school education</li> <li>4.Clarify the issues and constraints of organization/department and formulate an feasible action plan for improvement of maternal and child health in respective countries</li> </ol>	<p><b>【Target Organization】</b> Department/Section in charge of maternal and child health of central/local government</p> <p><b>【Target Group】</b> (1) Be in charge of planning and management of public health/maternal and child health at health department of central or local governments (2) University graduate or equivalent (3) More than 5 years of work experience in public health (mother-and-child health, reproductive health)</p>		
CONTENTS	PROGRAM PERIOD	May.6.2008~Jul.19.2008	
<ol style="list-style-type: none"> <li>1.Preliminary Phase in a participant's home country (1)Analysis current issues in public health in participants' jurisdictional areas and their organizations (2)Formulation and submission of Job Report to JICA together with Application Form</li> <li>2.Core Phase (activities in Japan) (1)Health administration in Japan, Experience of reconstruction of post WW II in public health of Okinawa, Public health nursing system, Human resource development and management in public health (Lectures, observations and discussion) (2)Health education for adolescence, Community development and health promotion activity, Case Method, Project Cycle Management(PCM) Method, Project Design Matrix(PDM) Method (Lectures, practice and discussion) (3) Role and assignment of central and local governments in maternal and child health, School health, (Lectures, observations and discussion) (4)Presentation of job activities and issues in maternal and child health, Formulation of an action plan (Exercise and discussion)</li> <li>3.Finalization Phase (activities in home country) Application and implementation of the action plan back in the participants' countries and submission of their progress report to JICA within six (6) months after the end of the Core Phase in Japan</li> </ol>	IMPLEMENTING PARTNER	Okinawa Prefectural Nursing Association	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2006~2010	
	REMARKS	Expectations for the Participants: be related with JICA programs in this field will be preferable	

Disaster Nursing and Rehabilitation Course in Asia アジア地域 災害看護・リハビリテーション		R/F  0884059
Target Countries: Asia/Middle East Countries		Health—Health 6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To understand how to behave in acute stage with systematic command structure in disaster at the hospital and following rehabilitation activities in medium and long team setting. To learn issues how to establish cooperation system within a hospital, with referral hospitals and administration side of community to provide continuous medical, nursing and rehabilitation services.</p> <p><b>【Outputs】</b> (1) 1. Disaster Management (2) 2. Continuous Care from Acute stage to Rehabilitation stage (1) <b>【To establish the system and spread activities】</b> (3) 3. Continuous Care from Acute stage to Rehabilitation stage (2) <b>【To aim for improvement of environment of the victim】</b> (4) 4. Leadership and Management (5) 5. Overall(Integration) Drill</p>	<p><b>【Target Organizations】</b> Core Hospitals (in a certain region) <b>【Target Group】</b></p>	
CONTENTS	PROGRAM PERIOD	Aug.27.2008～Sep.19.2008
<p>(1) 1-1 To learn fundamental subjects in disaster (triage, first aid and referral system). 1-2 Management system in the hospital in disaster. 1-3 Cooperation system between hospitals and administration side in community. 1-3 Disaster preparedness dissemination method for the people</p> <p>(2) 2-1 Importance of medical care in acute stage in disaster 2-2 Concept of rehabilitation, collaborative relations between core hospitals and referral hospitals in community 2-3 Effects of team approach (cooperation among professions) 2-4 Rehabilitation guidance for families and dissemination of importance of rehabilitation</p> <p>(3) 3-1 Changes of life environment of the victim after disaster and his/her health condition (stress theory, change of value) 3-2 Support health condition, rehabilitation steps for difficulties of living (Role of public health nurses, volunteers, visits by NGO, temporary houses, self-help device, welfare instruments) 3-3 Spread of rehabilitation activities</p> <p>(4) 4-1 Human relations in organization and team management 4-2 Leadership 4-3 Coaching 4-4 Communication skill</p> <p>(5) 5-1 Disaster prevention simulation training (Systematic behaviors, linkage between teams in hospital training, points to consider for spread of guidance of training) 5-2 Rehabilitation skill training (movement physiology, better functions of ability of daily living, points to consider for spread of rehabilitation guidance)</p>	IMPLEMENTING PARTNER	The International Nursing Foundation of Japan
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008～2010
	REMARKS	

Medical Equipment Maintenance for Central Asia 中央アジア地域 医療機材管理・保守		R/F  0884077
Target Countries: Central Asia		Health-Health 8 participants / Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The manual of the technology and the method of the medical equipments maintenance management and the proposal books on the maintenance management system are made in National Hospitals and regional hospitals in each target country of the course(especially, the hospitals which have the medical equipments set up by the ODA program of Japan).</p> <p><b>【Outputs】</b> (1)(Unit1)The participants will understand the general institution and implementation system concerning the medical equipment maintenance and the management in Japan. (2)(Unit2)The participant will understand the basic work and concept for the medical equipment maintenance and management. (3)(Unit3)The participants will acquire the knowledge of electricity and the electronics will be able to explain an electric working of equipments. (4)(Unit4)The participants will acquire the knowledge of the medical engineering and will be able to explain the relation between the living body and equipment. (5)(Unit5)The participants will be able to make up the method of management and maintenance of medical equipment. (Unit6)The participants will be able to make up the method of management and maintenance of hospital equipment.</p>	<p><b>【Target Organizations】</b> Ministry of Health, National General Hospitals, Regional Central Hospitals, Medical Institute</p>	
CONTENTS	PROGRAM PERIOD	Jan.6.2009~Mar.21.2009
<p>(1)•The institution and implementation system concerning medical equipment maintenance and management in Japan . •Medical equipment maintenance and management system of hospitals in Japan •Training program and system of medical equipment maintenance and management engineers (2)•5S(Sort,Set in Order, Shine, Standardize, Sustain):Basic, fundamental, systematic approach for productivity, quality and safety improvement in all types of business •Making inventory of equipment and management method (The system and the recording method for the maintenance, management, and the checkup are included). (3)•Lecture and practice concerning electrical engineering •Lecture and practice concerning electronic engineering (4)•Lecture and practice concerning living body physicality •Lecture and practice concerning biomaterial •Lecture and practice concerning bioinstrumentation •Lecture and practice concerning safety management •Epidemiology of infectious disease (5)•Lecture and practice concerning equipment related CSSD •Lecture and practice concerning equipment related operating theater •Lecture and practice concerning equipment related hospital ward •Lecture and practice concerning equipment related laboratory •Study tour of the hospital •Study tour of the manufacturer •Visit in atomic bomb museum for expansion of knowledge of radiation protection (Unit6)•Lecture and practice concerning safety management •Safety requirements of electrical installations for medically used rooms in hospitals and clinics •Safety standard of hospital medical treatment gas equipmen (Unit7)•Basic curriculum design for training concerning medical equipment maintenance and management •Method and points of concern for elaborating training plan •Preparation of Action plan</p>	IMPLEMENTING PARTNER	Medisun Co., Ltd.
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2008~2010
	REMARKS	

<b>Medical Equipment Maintenance ( Portuguese-Speaking Countries in Africa)</b> <b>アフリカ地域(ポルトガル語圏) 医療機材管理・保守</b>		R/F  0884080
Target Countries:Portuguse-Speaking Countries in Africa		5participants / Portuguese
Health-Health		
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>  The manual of the technology and the method of the medical equipments maintenance management and the proposal books on the maintenance management system are made in National Hospitals and regional hospitals in each target country of the course(especially, the hospitals which have the medical equipments set up by the ODA program of Japan).</p> <p><b>【Outputs】</b>  (1) (Unit1)The participants will understand the general institution and implementation system concerning the medical equipment maintenance and the management in Japan.  (2) (Unit2)The participant will understand the basic work and concept for the medical equipment maintenance and management.  (3) (Unit3)The participants will acquire the knowledge of electricity and the electronics will be able to explain an electric working of equipments.  (4) (Unit4)The participants will acquire the knowledge of the medical engineering and will be able to explain the relation between the living body and equipment.  (5) (Unit5)The participants will be able to make up the method of management and maintenance of medical equipment.  (Unit6)The participants will be able to make up the method of management and maintenance of hospital equipment.  (Unit7)The participants will be able to elaborate the training program at the home country.</p>	<p><b>【Target Organizations】</b>  Ministry of Health, National general Hospitals, Regional Central Hospitals, Medica Insititute</p> <p><b>【Target Group】</b></p>	
CONTENTS	PROGRAM PERIOD	Sep.9.2008~Dec.20.2008
<p>(1) •Lecture and practice concerning electrical engineering  •Lecture and practice concerning electronic engineering  (2) •5S(Sort,Set in Order, Shine, Standardize, Sustain):Basic, fundamental, systematic approach for productivity, quality and safety improvement in all types of business  •Making inventory of equipment and management method (The system and the recording method for the maintenance, management, and the checkup are included).  (3) •Lecture and practice concerning electrical engineering  •Lecture and practice concerning electronic engineering  (4) •Lecture and practice concerning living body physicality  •Lecture and practice concerning biomaterial  •Lecture and practice concerning bioinstrumentation  •Lecture and practice concerning safety management  •Epidemiology of infectious disease  (5) •Lecture and practice concerning equipment related CSSD  •Lecture and practice concerning equipment related operating theater  •Lecture and practice concerning equipment related hospital ward  •Lecture and practice concerning equipment related laboratory  •Study tour of the hospital  •Study tour of the manufacturer  •Visit in atomic bomb memorial for expansion of knowledge of radiation protection  (Unit6)  •Lecture and practice concerning safety management  •Safety requirements of electrical installations for medically used rooms in hospitals and clinics  •Safety standard of hospital medical treatment gas equipment  (Unit7)  •Basic curriculum design for training concerning medical equipment maintenance and management  •Method and points of concern for elaborating training plan  •Preparation of Action plan</p>	IMPLEMENTING PARTNER	Medisun Co.,Ltd.
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2008~2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Training Plan for human resource development of doctors, public health nurses and midwives with the skill of comprehensive preventive approach for both of infectious diseases and lifestyle-related diseases is formulated in participant's organization.</p> <p><b>【Outputs】</b>                      (1) To be able to explain the current situation and policies for remote islands                      (2) To be able to explain mother-child health administration and activities on remote islands                      (3) To be able to understand the lifestyle diseases on remote islands and their causes and compare with the cases in participant's country                      (4) To be able to understand and implement health promotion activities which utilize the characteristics of remote islands                      (5) To formulate a Training Plan for human resource development of doctors, public health nurses and midwives with the skill of comprehensive preventive approach for both of infectious diseases and lifestyle-related diseases                      (6) Training Plan for human resource development of doctors, public health nurses and midwives with the skill of comprehensive preventive approach for both of infectious diseases and lifestyle-related diseases is approved in participant's organization after returning to home country.</p>	<p><b>【Target Organizations】</b>                      Ministry of Health                      Hospital, health post, and clinic</p> <p><b>【Target Group】</b>                      1) Current Duties: be in charge of management of raising nurses, public health nurses, and midwives who are involved in planning and managing of the activity on prevention approach in health care, in terms of maternal and child health, and adulthood lifestyle-related diseases.                      2) Educational Background: be a graduate of university or equivalent level.                      3) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more (copy of the proof is preferable).                      5) Age: be above 30 and under 45 years of age</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Nov.3.2008~Dec.14.2008
<p>(1) •System of community medicine in islands (primary care, emergency, telemedicine)                      •System and practice of comprehensive community medicine, including health and welfare care                      •Administrative activity for health care in small islands without doctors, and islands with middle and large population                      •Experience of filariasis eradication                      (2) •Activity for maternal and child health in islands of Kagoshima                      •System and activity for maternal and child medical care in islands where gynecologist and pediatrician are not exist                      •Mother-and-baby notebook                      •Gender control in maternal and child health                      •Preventive activity of dental caries in childhood                      (3) •Obesity and lifestyle-related diseases in islands of Kagoshima                      •Epidemiological study in islands of Kagoshima                      •Factors of lifestyle-related diseases in islands of Kagoshima                      •Method and usefulness of survey to investigate risk factors for prevention                      •Discussion on comparison with cases in participants' countries                      (4) •Activity to teach children about a healthy diet                      •Utilization of thalassotherapy, folk music and dance                      •Round system of population-based health check                      •Community-based volunteer activity for dietary habit improvement                      (5) •Arrange Training Plan for human resource development of doctors, public health nurses and midwives according to Japanese comprehensive health and medical care in islands the situation of own countries                      •Make the report and presentation on Training Plan                      (6) •Report on Training Plan to participants' organization                      •Revision and examination of Training Plan in Participants' organization</p>	<b>IMPLEMENTING PARTNER</b>	University of Kagoshima
	<b>JICA CENTER</b>	JICA Kyushu
	<b>COOPERATION PERIOD</b>	2008~2010
	<b>REMARKS</b>	The proper candidates who meet with the concept of the present course of 2008 would be those who are responsible for them in the relatively upper-level governmental organization, and the candidates of 2009 and 2010 would be those in more regional-level organization, in order to extend effective and concrete activities.


<b>Advanced Course: Detection of Early Gastrointestinal Cancer and Related Digestive Tumors in Middle and South America</b> <b>中南米地域 上級早期胃癌診断－早期消化器癌の診断と治療－</b>		R/F 	0884126
Target Countries: Latin America		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> The participants learn radiological and endoscopic diagnoses of gastrointestinal carcinomas in early phase, and its treatments. <b>【Outputs】</b> (1) describe the method of diagnosis and treatment by radiology for esophagus, stomach and large intestine, (2) describe various methods such as endoscopic investigation, diagnosis by chromoendoscopy, and endoscopic mucosal resection for esophagus, stomach and large intestine, (3) describe various methods of surgical treatment for digestive cancer, (4) diagnose properly the digestive cancer and related lesions with biopsy or surgical specimens and (5) develop a plan to transfer their acquired knowledge and skills through the course to their colleagues and students and report the results	<b>【Target Organizations】</b> Hospital <b>【Target Group】</b> 1) Licensed physicians authorized by their governments and specialized in gastroenterology at a medical university or the medical faculty of an university and have more than 10 years of practical experience in diagnosis of early gastrointestinal cancer and related digestive tumors. 2) In such responsible duties as a chief instructor, a professor or a specialist in the aforementioned fields after returning to their respective countries, 3) Under forty-five (45) years of age,		
CONTENTS	PROGRAM PERIOD	Feb.3.2009～Mar.17.2009	
1. Radiology and Diagnostic imaging (1) Radiographic Diagnosis (2) Diagnostic Imaging 2. Endoscopic diagnosis, Biopsy, EMR・ESD (1) Endoscopic examination in detection of gastrointestinal cancer. (2) Chromoendoscopy (3) Magnifying endoscopy in the diagnosis of early gastrointestinal cancer. (4) EMR (Endoscopic mucosal resection) and ESD (Endoscopic submucosal dissection) . 3. Treatment of gastrointestinal cancer (1) Surgical treatment (laparoscopic and laparoscopy-assisted surgery, standard surgery, reductive and function preserving surgery, extended surgery) of gastrointestinal cancer. (2) Chemotherapy for inoperable and recurrent cancer, and adjuvant chemotherapy including chemo-radiation therapy for esophageal cancer. 4. Pathology of gastrointestinal cancer (1) Pathological diagnosis of biopsied materials. (2) Specimen retrieved by EMR and ESD. (3) Horizontal spread, and describe its invasive depth and histological type. (4) Collective diagnosis by analysis and integration of a lesion in surgically resected specimen in terms of the invasive depth, histological type, and lymph node metastasis, and precisely judge staging of cancer. (5) The participants are required to transfer their acquired knowledge and skills through the course to their colleagues and students and report the results 3 months after the completion of the course in Japan.	IMPLEMENTING PARTNER	Foundation for Detection of Early Gastric Carcinoma	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008～2010	
	REMARKS		





Target Countries: Asian and Oceanian Countries

8 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Outcome : Knowledge and skills about safe motherhood will be shared among staffs in participating organization or people in the community.</p> <p>Output 1: Participants will be able to explain about changes and current status of perinatal medicine in Japan.</p> <p>Output 2: Participants will be able to explain about changes in regional maternal and child health, and the roles of a public health nurse and midwife in Japan.</p> <p>Output 3: Participants will be able to explain about in-service training for midwives and nurses serving in medical institutions or regional areas in Japan.</p> <p>Output 4: Participants will be able to explain about health education for pregnant women as well as prenatal and postnatal care in Japan.</p> <p>Output 5: Participants will be able to explain about the roles and reference system of maternity clinics, public health centers and hospitals.</p> <p>Output 6: The plan to disseminate acquired knowledge and skills which are required in safe motherhood in their organization or community, will be formulated</p> <p>Output 7: Staffs in participating organization or people in the community will participate in the dissemination program</p>	<p><b>【Target Organizations】</b>                      Counterpart organizations of JICA projects implemented or planned in the Philippines, Bangladesh.</p> <p><b>【Target Group】</b>                      1. Nominees for a project that has accomplished the given procedures                      2. Health administrators involved in the project                      3. Registered nurses or midwives certified by the government                      4. Individuals with 5 years and over of experience in maternal and child health</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan.26.2009～Feb.28.2009</p>
<p>(1) Policies and measures on healthcare and maternal and child health in Japan (Measures for reduction of IMR and MMR, cultivation of human resources)                      (2) Maternal and child health services and ongoing care (Maternal and Child Health Handbook, antenatal check-up and health check-up of infants, health education for pregnant and parturient women)                      (3) Medical technology for perinatal medicine and maternity care in Japan (roles of hospitals, public health centers and maternity clinics, their aspects and partnership, systems for obstetric emergency care)                      (4) Maternal and child health education in the regional community                      (5) Problem-solving techniques</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>International Nursing Foundation, Japan</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p><b>REMARKS</b></p>	

Nurse Education for Africa アフリカ地域看護教育		R/F  0884247
Target Countries: Africa		Health—Health System
		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b> Action plan to improve the nursing education will be approved in nursing schools or institutes for clinical laboratory education.</p> <p><b>【Output】</b> (1) acquire knowledge of systems and theories on healthcare, nursing and education, which is necessary to develop nurse education services (2) acquire knowledge of school management and teaching methodology for the quality improvement of nurse education services (3) acquire knowledge and techniques necessary to develop effective educational activities (4) develop the action plan which contributes to solve problems in each country</p>	<p><b>【Target Person/Organization】</b> (1) Trainees will be selected as a pair, comprising a teacher at a nursing school and a clinical instructor at a health and medical institution from one country. (2) Participants should be under forty years old and in good health physically and mentally. (3) Participants should have proper English ability in terms of hearing, speaking and writing.</p>	
CONTENTS	PROGRAM PERIOD	Jan.19.2009～Feb.21.2009
<p>Main topics and its contents are as follows; (1) Basic Areas Japanese medical system, nurse education policy, nurse education system, medical and nursing ethics, and human relations (2) School Management and administration areas management and administration of several types of educational institutions for nurses, learning environment (classrooms, library, laboratories, PC rooms, etc.), Faculty Development, and evaluation on educational management of nurse education institutions (3) Nursing and Nurse Education Area introduction to nurse education, nurse education courses, education of "nurse theory and nurse process", educational methodology, curriculum evaluation, and education for nurse education activities (4) Clinical Laboratory Education arrangement for clinic laboratory instruction and its environment, training of clinic laboratory, and evaluation method of clinic laboratory (5) Development of Action Plan presentation of job reports, identification of problems and issues on nurse education, and planning for their solutions</p>	IMPLEMENTING PARTNER	International Nursing Foundation of Japan (INFJ)
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2007～2009
	REMARKS	

Nursing Management (B) 看護指導者育成(B)		GROUP  0880037
		Health—Health System
		10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Objective&gt; This course is intended to help participants' hospitals improve their quality of nursing management and nursing services.</p> <p>&lt;Outputs&gt; To reach the objective, participants are expected to achieve the following results: I During the course in Japan 1. To understand and describe the principles / theories of nursing management, 2. To comprehend the roles of the nursing manager and acquire the ability to plan, coordinate and take leadership as a nursing manager, 3. To clarify the problems of nursing management in their own workplace, and 4. To formulate an Interim Report, which specifies action plans to solve the issues in their respective workplace. II After returning to their home countries, participants will modify the Interim Report and implement the plan proposed in the same.</p>	<p>&lt;Target Organization&gt; Hospitals</p> <p>&lt;Target Group&gt; 1) Nurses with a minimum of three to five years of experience as Head Nurse, Nursing Director, Vice Nursing Director (* Head Nurse level is desirable), or 2) Nurses with more than seven years experience in nursing and in a position that requires the leadership and management skills</p>	
CONTENTS	PROGRAM PERIOD	Sep.9.2008~Dec.13.2008
<p>&lt;Preparatory phase(Before coming to Japan)&gt; Inception Report describing present job activities, issues at own hospital, and tentative analysis for solution of identified issues is developed.</p> <p>&lt;Program in Japan&gt; Lectures: Health/Medical system in Japan, nursing management, ward management, Problem Solving Method, etc. Observation in hospitals: nursing management at ward, quality assurance, ward management, etc. Interim Report (Action Plan) describing issues at own hospital, and plan of actions for solving them is developed</p> <p>&lt;Post-program activities (After participants' return)&gt; Within 6 months of the end of the course in Japan, participants are expected to implement the plan proposed in the Interim Report and report the progress as a final report.</p>	IMPLEMENTING PARTNER	International Nursing Foundation of Japan (INFJ)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	
	REMARKS	<p>(1) A survey will be held to assess the activities of ex-participants after 6 months of course in Japan. (2) The relevance of soft-follow up cooperation will be assessed as the survey result.</p>

HIV/AIDS Diagnosis, prevention and Control Plan HIV/AIDSの診断・予防・対策モデル		GROUP  0880086
		Health—HIV/AIDS
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Participants will understand global measures against HIV/AIDS by acquiring knowledge and techniques regarding public health and prevention, epidemiology, screening/diagnosis and treatment of HIV/AIDS. Participants strengthen their ability to develop an action plan for HIV/AIDS control and prepare plan to propose their organizations.</p> <p><b>【Outputs】</b> (1) Understand the control measures against HIV/AIDS, including prevention of sexual and blood transmission, safe blood transfusion, public health administration and educational activities. (2) Learn epidemiology, virology and pathology of HIV/AIDS and acquire diagnosis/screening techniques. (3) Understand treatment and social support, including psychiatric approach and mental care for people living with HIV/AIDS. (4) Understand global strategy to control HIV/AIDS and formulate an action plan for HIV/AIDS control.</p>	<p><b>【Target Organizations】</b> Governmental organization in charge of prevention and treatment of AIDS <b>【Target Group】</b></p>	
CONTENTS	PROGRAM PERIOD	Aug.1.2008～Aug.30.2008
<p>(1) Blood-borne Viral Infections and Blood Safety; Blood Programme and Safety for Blood ; Mother-to Child Transmission, Public Health and Social Service ; Sharps Injury Prevention – Workbook of CDC; Collaborative Development of an HIV/AIDS Vaccine; Screening Tests for Blood Products. (2) Molecular Epidemiology of HIV – Tracking AIDS Pandemic; Epidemiology and AIDS and Human T-cell Lymphotropic Virus; Retrovirus Infection, including AIDS, and Neurological Disorders; HIV Serodiagnosis Testing, Research and Laboratory Diagnosis of AIDS; Clinical Diagnosis of AIDS (3) Treatment of AIDS, HIV/AIDS Treatment in Japan; Immunotherapy; Advance in Treatment Strategy against HIV Infection; Psychiatric Approach to AIDS Patients; HIV/AIDS Mental Health (4) Infectious Disease Surveillance; Latest Information on Global HIV/AIDS Prevention; Communicable Disease Control Programme in the Area of International Cooperation; The Present State and Issues of HIV/AIDS (Workshop); The Preventive Measure for HIV/AIDS (Workshop)</p>	IMPLEMENTING PARTNER	Osaka University
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008～2010
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> This program aims to study and analyze cases of maternity care practices at a regional level, and design a plan to improve maternal and child health services corresponding to the regional environment and conditions in participants' home countries.</p> <p><b>【Outputs】</b> (1) To analyze the actual achievements and problems of maternal and child health at local government level in the postwar period of Japan and formulate the basic ground for seeking the solution in participants' home countries. (2) To analyze its own issues at regional or provincial level. (3) To deepen the understanding of role-sharing and related activities among midwifery centers, health centers, hospitals, universities and consider feasible cooperation plans among relevant facilities in respective countries. (4) To be able to design an action plan in a systematic way.</p>	<p><b>【Target Organizations】</b> This program is designed for maternal division or maternal and child health division of health department in the regions (State/ Province or Prefecture/ District) where the government puts a high priority on the field of the maternal and child health.</p> <p><b>【Target Group】</b> 1) Current Duties: be an administrative officials (section chief level) of maternal division or maternal and child health division of health department in the regions (state/province or prefecture/district) where the government puts a high priority on the field of the maternal and child health. 2) Experience in the relevant field: have more than 5 years' experience in the field of maternal and child health. 3) Educational Background: be a graduate of university or equivalent</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Sep.7.2008~Oct.4.2008
<ul style="list-style-type: none"> <li>• Observation and analysis of the cost-conscious public health-care system operated by public health center or midwife.</li> <li>• Case study of postwar transition of the administration on the health care system as a background</li> <li>• Analysis of improving activities in maternal mortality rate and infant mortality rate in the postwar period</li> <li>• Issue analysis workshop</li> <li>• To learn the philosophy of nurse/ midwife training at the college of nursing</li> <li>• To observe the management system such as action plan or regional cooperation framework of midwifery and public health center</li> <li>• To understand cooperative relationship between public health and volunteers</li> <li>• To learn the management system of high risk pregnancy and high risk infants (Transportation system)</li> <li>• Guidance for designing an action plan</li> <li>• Discussion on how to conduct the plan</li> </ul>	<b>IMPLEMENTING PARTNER</b>	Graduate School of Kobe University
	<b>JICA CENTER</b>	JICA Hyogo
	<b>COOPERATION PERIOD</b>	2008~2010
	<b>REMARKS</b>	

Improvement of Infectious Disease Control and Other Health Issues through Enhancement of District/Provincial Health System 地域保健システム強化による感染症を中心とした保健課題の改善		GROUP  0880101
		Health—Other infectious diseases
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> This program aims to provide 'food for thoughts' to participants to think of, to plan, and to improve their own health systems through observing Japan's health system, thus the capacity should be developed to deal with infectious diseases and other health issues such as MCH.</p> <p><b>【Outputs】</b> (1) Be able to explain the priority issues after organizing issues regarding the affiliated organizations and operating issues of the participants regarding the strengthening of healthcare systems. (2) Verify examples of actual preventive measures developed in Nagasaki, functions and schemes related to the various related organizations and roles of national and local bodies in health administration, and be able to extract applicable systems that can be used in your own country. (3) Utilize the knowledge and techniques gained during the training to be able to create draft plans for health service improvement plans that are effective and practical.</p>	<p><b>【Target Organizations】</b> Health department in the central or the local government in charge of health planning, health and medical systems, health financing, and health performance evaluation.</p> <p><b>【Target Group】</b> *Officials of the central or the local government who is engaged in health planning, health and medical systems, health financing, and health performance evaluation. Deputy director level or above is preferable. *At least 5 years' (preferably 10 years') experience in the field of health administration *High English proficiency required.</p>	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Nov.11,2008
<p>(1)-1 Analyze the issues on infection (Job Report: presentation, discussion) (1)-2 The method of Project Cycle Management, Case Method:, Knowledge-Attitude-Practice lecture, exercise) (2)-1 Health Administrative Systems both national and local government in Japan (lecture, observation, discussion) (2)-2 Case Study on the experience of strategic measures taken in Okinawa; Infection Control on Tuberculosis and Parasites, Eradication of Malaria and Filariasis, The System of Public Health Nurse: lecture, observation, discussion) (2)-3 Functions of Health Center and Linkage Systems among Institutions Concerned (Tuberculosis Surveillance, Screening, Information management and Risk management: lecture, observation, discussion) (2)-4 Health Promotion to enlighten the citizens for their behavior modification (Theory and Exercise on Enlightenment of Citizens, Citizens Participatory Activity: lecture, exercise, discussion) (3)-1 Methodology of making project proposal (Community Diagnosis, Methods of planning: lecture, exercise) (3)-2 Formulate the effective and feasible project proposal for health activities (exercise, presentation, discussion)</p>	IMPLEMENTING PARTNER	Nagasaki University
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008~2010
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Participant as a trainer will propose an appropriate plan to develop human resources such as nurses / midwives engaged in maternal and child health care activities in local communities, making the best use of Japanese experiences, and the plan shall be shared and discussed among the relevant organizations/personnels so that basis for its extension would be available.</p> <p><b>【Outputs】</b>                      (1) To expand knowledge to propose effective policy on maternal and child health through learning policy and history of maternal and child health in Japan                      (2) To understand the process of training for nurse and midwife.                      (3) To understand the roles and functions of relevant organizations (hospitals, health centers, obstetrics and gynecology centers and universities)                      (4) To consider the better local health service systems in remote and isolated areas through learning from Hokkaido's experiences such as medical service and referral systems.                      (5) To design concrete and feasible training plans for human resource development through analysis of problems regarding maternal and child health in participant's country, referring the maternal and child health policy in Japan.</p>	<p><b>【Target Organizations】</b>                      Department of maternal and child health in central or local government, university, hospital  <b>【Target Group】</b></p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Oct.20.2008～Nov.28.2008</p>
<p>(1) Health administration system in Japan. Social welfare system in Japan. History and present situation of child nursing in Japan                      (2) Nurse education system in Japan. Educational concept of nurse department in Asahikawa Medical College. The role of midwife in Japan. Activity of self-employed midwife. Practice in hospital                      (3) Understanding Pre-service and In-service in Japan. Observation in Medical College. Visiting at local area hospital and Health Center. City level service in a field of Maternal and child health. Health nurse activity in city level                      (4) Local medical service, Referral system, History of pioneer health worker in Hokkaido. Health worker and midwife's activity in municipality.                      (5) Preparation of country report.                      Formulation of action plan.                      (6) Report to JICA the progress of knowledge/skills sharing among the respective organization.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>The Japanese Red Cross Kyushu International College of Nursing</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Objective&gt; This course is intended to help participants' hospitals to improve their quality of nursing management and nursing services.</p> <p>&lt;Outputs&gt; To reach the objective, participants are expected to achieve the following results: I During the course in Japan 1. To understand and describe the principles / theories of nursing management, 2. To comprehend the roles of the nursing manager and acquire the ability to plan, coordinate and take leadership as a nursing manager, 3. To clarify the problems of nursing management in their own workplace, and 4. To formulate an Interim Report, which specifies action plans to solve the issues in their respective workplace. II After returning to their home countries, participants will modify the Interim Report and implement the modified plan.</p>	<p>&lt;Target Organization&gt; Hospitals</p> <p>&lt;Target Group&gt; 1) Nurses with a minimum of three to five years of experience as Head Nurse, Nursing Director, Vice Nursing Director (* Head Nurse level is desirable), or 2) Nurses with more than seven years experience in nursing and in a position that requires the leadership and management skills</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>May.6.2008～Aug.9.2008</p>
<p>&lt;Preparatory phase(Before coming to Japan)&gt; Inception Report describing present job activities, issues at own hospital, and tentative analysis for solution of identified issues is developed.</p> <p>&lt;Program in Japan&gt; Lectures: Health/Medical system in Japan, nursing management, ward management, Problem Solving Method, etc. Observation in hospitals: nursing management at ward, quality assurance, ward management, etc. Interim Report (Action Plan) describing the issues at own hospital, and solving them are developed</p> <p>&lt;Post-program activities (After participants' return)&gt; Within 6 months of the end of the course in Japan, participants are expected to implement the plan proposed in the Interim Report and report the progress as a final report.</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>International Nursing Foundation of Japan (INFJ)</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2006～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	<p>(1)This seminar will be implemented twice for JFY 2008.The second one is scheduled from Sep.9.2008 to Dec.13.2008 in the same content. (2) A survey will be held to assess the activities of ex-participants after 6 months of course in Japan. (3) The relevance of soft-follow up cooperation will be assessed as the survey result.</p>




<b>Workshop on Reproductive Health strategy for NGO Senior Officers</b> <b>-Capacity Development of NGO Towards Sustainability-</b> <b>リプロダクティブ・ヘルスNGO指導者ワークショップ(自立を目指したNGOの能力強化)</b>		GROUP  0880707
Target Countries: Countries with high maternal mortality ratio/infant mortality rates		Health—Maternal and Child Health /Reproductive Health 15 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<Objective> Implementation of sustainable strategies by NGOs for reproductive health activities  <Output> I. In Japan. The participants are expected (1) To understand strategies to ensure program effectiveness (2) To understand methods to enhance financial security (3) To understand strategies to improve organizational viability, and (4) To formulate an action plan (Interim plan) for sustainable reproductive health implementation. II. After returning to their home country: After the Core Phase in Japan, Participants are expected to submit implementaion/progress report to JICA. (At the same time, JICA may monitor how the progress of their Action Plan is.)	[Target organizations] NGOs working in the field of Reproductive Health (An affiliated member of the IPPF [International Planned Parenthood Federation] is preferable)  [Target Group] • Executive officials/managers in the administration, planning and implementation departments of the Reproductive Health programs in NGOs • Individuals between the ages of twenty-five (25) and fifty (50) years and with more than 3 years experience as executive officials/managers,	
CONTENTS	PROGRAM PERIOD	Sep. 23. 2008~Oct. 21. 2008
<Preparatory phase> Submission of the Inception Report, which describes the RH status in respective country, lessons learned from previous activities, issues on the implementation of RH activities and solution to the same.  <Program in Japan> 1. Workshop, study trip to observe case studies in Japan, and sharing of experience among participants: 1) Program effectiveness 2) Financial security 3) Organizational viability 2. Formulate an Interim Report (action plan) for reproductive health improvement  <Program in Indonesia (tentative)> Field observation and lecture on activities of NGOs in Indonesia  <Post-program activities (After the participants' return home)> Interim Report (Action Plan) is officially approved and the reproductive health strategy is implemented. Submission of the Final Report (progress report on the activities) 3 months after the program in Japan.	IMPLEMENTING PARTNER	Japanese Organization for International Cooperation in Family Planning (JOICFP)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	Preferable countries: (1) with maternal mortality figures worse than 200 per 1000 live births, 50 per 1000 live births in IMR (2) with the IPPF (International Planned Parenthood Association) member association


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Participant as a trainer will propose an appropriate plan to develop human resources such as nurses / midwives engaged in maternal and child health care activities in local communities, making the best use of Japanese experiences, and the plan shall be shared and discussed among the relevant organizations/personnels so that basis for its extension would be available.</p> <p><b>【Outputs】</b> (1) To expand knowledge to propose effective policy on maternal and child health through learning policy and history of maternal and child health in Japan (2) To understand the process of training for nurse and midwife. (3) To understand the roles and functions of relevant organizations (hospitals, health centers, obstetrics and gynecology centers and universities) (4) To consider the better local health service systems in remote and isolated areas through learning from Hokkaido's experiences such as medical service and referral systems. (5) To design concrete and feasible training plans for human resource development through analysis of problems regarding maternal and child health in participant's country, referring the maternal and child health policy in Japan.</p>	<p><b>【Target Organizations】</b> - University, Training School in the field of Maternal and Child Health, Hospital</p> <p><b>【Target Group】</b> - Lecturer at University, Trainers of nurse/midwife in the field of maternal and child health - More than five(5)years experience as nurse or midwife in this field - Ideally less than 45 years of age</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.13.2008~Jun.28.2008</p>
<p>&lt;Preparatory Phase&gt; (1) Preparation of Inception Report</p> <p>&lt;Phase in Japan&gt; (1) Health administration system in Japan. Social welfare system in Japan. History and present situation of child nursing in Japan (2) Nurse education system in Japan. Educational concept of nurse department in Asahikawa Medical College. The role of midwife in Japan. Activity of self-employed midwife. Practice in hospital (3) Understanding Pre-service and In-service in Japan. Observation in Medical College. Visiting at local area hospital and Health Center. City level service in a field of Maternal and child health. Health nurse activity in city level (4) Local medical service, Referral system, History of pioneer health worker in Hokkaido. Health worker and midwife's activity in municipality. (5) Formulation of action plan.</p> <p>&lt;Finalization Phase&gt; - Report the progress of Action Plan as Final Report within three(3 months after completion of the program in Japan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Asahikawa Medical College</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Sapporo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	


The Specialist of Nosocomial Infection Control and Prevention 院内感染管理指導者養成研修		GROUP  0880773
Target Countries: Indonesia, Cambodia, Viet Nam, China, Nicaragua, Morocco etc		Health—Other infectious diseases 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> This course aims to help the participants implement more effective policies and practices for nosocomial healthcare-associated infection control in their own hospitals.</p> <p><b>【Outputs】</b> (1) To understand principles of healthcare-associated infection control (2) To understand actual practices of healthcare-associated infection control (3) To formulate an action plan to solve problems related to healthcare-associated infections in participants' own health facility (4) To report the progress of implementation of the action plan</p>	<p><b>【Target Organizations】</b> Core hospitals at the national and regional levels having an infection control committee (ICC/ICT) or an equivalent <b>【Target Group】</b></p>	
CONTENTS	PROGRAM PERIOD	Nov.4.2008~Dec.6.2008
<p>(1)Core Phase (activities in Japan):</p> <p>1.Lectures 1) Outlines of healthcare-associated infection control 2) Infection Control Committee (ICC) and Infection Control Team (ICT) and their system 3) Roles of Infection management nurses and link nurses and observation of their activities 4) Environmental management 5) Standard precaution and transmission-based precaution 6) Investigation and management of outbreak 7) Management of healthcare-associated infectious waste 8) Cases of healthcare-associated infection control in developing countries</p> <p>2.Observation and Practice 1) ICT Round 2) Techniques: Hand washing hands, use of personal protective equipment (PPE) 3) Hospitals visit (IPD, ICU, operation rooms, delivery rooms, emergency department, tuberculosis wards, etc.) 4) Cleaning, disinfection and sterilization methods of equipment</p> <p>3. Site visits Observation of other hospitals Medical waste treatment facility</p> <p>4. Formulation of action plans</p> <p>5. Report Presentation and Discussion 1) Facility report from each participant 2) Action plan</p> <p>(2)Finalization Phase (activities in home country) Participants are expected to implement the action plan (interim report) and report on progress within six (6) months after the end of the phases in Japan.</p>	IMPLEMENTING PARTNER	International Medical Center of Japan, Ministry of Health, Labour and Welfare
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Participants will understand global measures against viral hepatitis by acquiring knowledge and techniques regarding public health and prevention, epidemiology, virology, diagnosis and treatment. Participants strengthen their ability to develop an action plan for viral hepatitis control.</p> <p><b>【Outputs】</b>                      (1) Learn epidemiology, virology and pathology of viral hepatitis.                      (2) Understand diagnosis and treatment of viral hepatitis.                      (3) Understand global strategy to control viral hepatitis and public health and formulate an action plan for control of viral hepatitis.</p>	<p><b>【Target Organizations】</b>                      Governmental organization in charge of prevention and treatment of infectious hepatitis</p> <p><b>【Target Group】</b>                      (1) Current Duties: be medical doctor, public administrator or epidemiologist of clinical researcher with registered license of medical doctor .                      (2) Individuals with at least 5 years of experience in hepatitis prevention</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.18.2008～Sep.14.2008</p>
<p>(1) Viral Hepatitis; General Aspect of Liver Diseases; Clinical Features of Portal Hypertension; Pathology of Hepatocellular Carcinoma; Virology, Epidemiology of Hepatitis; Hepatitis C Virus Infection – Molecular Basis of Pathogenesis; Basic Pathology of the Liver                      (2) Diagnosis Kits for Hepatitis B Infection; Chronic Liver Disease &amp; Hepatocellular Carcinogenesis; Liver Transplantation; Chronic Hepatitis B; HBV Genotypes and Clinical Significances; GI Endoscopy; Treatment of Risky Varices; Ultrasound Related Techniques; Case Presentation                      (3) Viral Hepatitis Vaccine; Global Control of Hepatitis B; Infectious Disease Control – Japan &amp; Global; Perinatal HBV Transmission &amp; Prevention; Blood Supply in Japan; Needlestick Accident &amp; Hepatitis Virus Contamination; Surveillance; Biosafety; Hepatitis B Prevention (Workshop)</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>National Hospital Organization                      Kumamoto Medical Center</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

Prevention and Control Measures of AIDS AIDSの予防及び対策		GROUP  0880820
		Health—HIV/AIDS
		22 participants ★ /
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Participants will understand global measures against HIV/AIDS by acquiring knowledge and techniques regarding public health and prevention, epidemiology, screening/diagnosis and treatment of HIV/AIDS. Participants strengthen their ability to develop an action plan for HIV/AIDS control.</p> <p><b>【Outputs】</b> (1) Understand the control measures against HIV/AIDS, including prevention of sexual and blood transmission, safe blood transfusion, public health administration and educational activities. (2) Learn epidemiology, virology and pathology of HIV/AIDS and acquire diagnosis/screening techniques. (3) Understand treatment and social support, including psychiatric approach and mental care for people living with HIV/AIDS. (4) Understand global strategy to control HIV/AIDS and formulate an action plan for HIV/AIDS control.</p>	<p><b>【Target Organizations】</b> Governmental organization in charge of prevention and treatment of AIDS</p> <p><b>【Target Group】</b> (1) Current Duties: be medical doctors or medical administrators with registered license of medical doctor (2) Individuals who have working experience of more than 5 years in AIDS treatment or surveillance or prevention,</p>	
CONTENTS	PROGRAM PERIOD	Jul.14.2008～Aug.10.2008
<p>(1) Blood-borne Viral Infections and Blood Safety; Blood Programme and Safety for Blood ; Mother-to Child Transmission, Public Health and Social Service ; Sharps Injury Prevention – Workbook of CDC; Collaborative Development of an HIV/AIDS Vaccine; Screening Tests for Blood Products. (2) Molecular Epidemiology of HIV – Tracking AIDS Pandemic; Epidemiology and AIDS and Human T-cell Lymphotropic Virus; Retrovirus Infection, including AIDS, and Neurological Disorders; HIV Serodiagnosis Testing, Research and Laboratory Diagnosis of AIDS; Clinical Diagnosis of AIDS (3) Treatment of AIDS, HIV/AIDS Treatment in Japan; Immunotherapy; Advance in Treatment Strategy against HIV Infection; Psychiatric Approach to AIDS Patients; HIV/AIDS Mental Health (4) Infectious Disease Surveillance; Latest Information on Global HIV/AIDS Prevention; Communicable Disease Control Programme in the Area of International Cooperation; The Present State and Issues of HIV/AIDS (Workshop); The Preventive Measure for HIV/AIDS (Workshop)</p>	IMPLEMENTING PARTNER	National Hospital Organization Kumamoto Medical Center
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008～2010
	REMARKS	This seminar will be implemented twice for JFY 2008. The second one is scheduled from Feb.16.2009 to Mar.15.2009 in the same content.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      This program is designed for health sections of central or local governments to formulate an effective and feasible health service plan for solving their issues on prevention of infection.</p> <p><b>【Outputs】</b>                      (1) Clarify the issues on infection currently facing to participants and their organizations, then explain those priorities.                      (2) Analyze the roles and functions of health administration in Japan and local governments, linkage systems among institutions concerned and measures for prevention conducted in community levels through the case study of Okinawa Prefecture, a southernmost local government in Japan, then explain the applicable measures in respective countries.                      (3) Formulate a feasible and concrete project proposal by utilizing knowledge and skills obtained the course.</p>	<p><b>【Target Organizations】</b>                      Department of Public Health of central and local governments which are responsible for infection control</p> <p><b>【Target Group】</b>                      (1) Current Duties: be in charge of planning and management of infection control at health department of central or local governments                      (2) Experience in the relevant field: have at least 5 years of working experience in the field of health                      (3) Educational Background: be university graduate or equivalent</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Oct.21.2008～Dec.13.2008</p>
<p>1.Preliminary Phase in a participant's home country                      (1)Analysis current issues in infection control in participants' jurisdictional areas and their organizations                      (2)Formulation and submission of Job Report to JICA together with Application Form</p> <p>2.Core Phase (activities in Japan)                      (1)Analyze the issues on infection (Job Report: presentation, discussion) The method of Project Cycle Management, Case Method:, Knowledge-Attitude-Practice lecture, exercise)                      (2)Health Administrative Systems both national and local government in Japan (lecture, observation, discussion) Case Study on the experience of strategic measures taken in Okinawa; Infection Control on Tuberculosis and Parasites, Eradication of Malaria and Filaria The System of Public Health Nurse: lecture, observation, discussion) Functions of Health Center and Linkage Systems among Institutions Concerned (Tuberculosis Surveillance, Screening, Information management and Risk management: lecture, observation, discussion) Health Promotion to enlighten the citizens for their behavior modification (Theory and Exercise on Enlightenment of Citizens, Citizens Participatory Activity: lecture, exercise, discussion)                      (3)Methodology of making project proposal (Community Diagnosis, Methods of planning: lecture, exercise) and formulation of the effective and feasible project proposal for health activities (exercise, presentation, discussion)</p> <p>3.Finalization Phase (activities in home country)                      Application and implementation of the action plan back in the participants' countries and submission of their progress report to JICA within six (6) months after the end of the Core Phase in Japan</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p>	<p>Okinawa Prefectural Nursing Association</p> <p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>Expectations for the Participants: be related with JICA programs in this field will be preferable</p> <p>This seminar will be implemented twice for JFY 2008.The second one is scheduled from Jan.13.2009 to Mar.7.2009 in the same content.</p>


Assurance of Food Safety and Quality Control 食品の安全性確保		GROUP  0880847
Agricultural/Rural Development—Other Agricultural/Rural Development Issues		Health—Health System 5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> This program aims to implement a plan to improve safety and quality level at each stage of food chain.</p> <p><b>【Outputs】</b> (1) To acquire techniques for physico-chemical examinations of foods (2) To understand the management of quality control in food manufacturing processes (3) To understand the theories of the Japanese Food Standard with special reference to the "from farm to table" (4) To formulate an interim report (action plan) to solve the problems in their respective workplaces After returning to their home countries, participants will review the interim report and implement the plan proposed in the report.</p>	<p><b>【Target Organizations】</b> National or local governmental organizations in the field of food hygiene control and food inspection</p> <p><b>【Target Group】</b> (1) Technical specialists or researchers engaged in the inspection of export and import food products with at least 2 years of experience (2) Technical specialists or researchers engaged in quality control services in food manufacturing factories with at least 2 years of experience</p>	
CONTENTS	PROGRAM PERIOD	Aug.18.2008～Dec.6.2008
<p>Preparatory phase: An inception report describing present job activities, and management and technical issues at the participant's own workplace will be developed.</p> <p>Program in Japan: Participants will attend lectures and field visits on quality control, and will create an interim report (action plan) describing issues at their own workplace and an action plan for solving them.</p> <ul style="list-style-type: none"> <li>• Lectures: System for inspecting foods for import and export (national and local level), cases of violation of standards for importing foods, outline of standards and guidelines on foods, methods of physico-chemical examination of foods, concept on HACCP in manufacturing foods, and food safety from farm to table</li> <li>• Laboratory experiments: Physico-chemical examinations (including additives and pesticides), synthetic antibacterial residue analysis, mycotoxin examination</li> </ul> <p>Post-program activities: After the participants' return (1) Review, authorize, and implement the actions described in the interim report. (2) Report the results of actions taken by the organization as the final report 6 months after return.</p>	IMPLEMENTING PARTNER	KOBE QUARANTINE STATION, KOBE INSTITUTE OF HEALTH
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2004～2008
	REMARKS	


Workshop on Adolescent Sexual and Reproductive Health –Strengthening Strategy for Youth Friendly Environment and Partnership Development– 思春期保健ワークショップ(若者の自己決定力向上の環境づくりにむけて)		GROUP 	0880868
Target Countries: Countries with high rates of birth/abortion/HIV infections among youths		14 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>[Course Objective] Participants are expected to implement an ASRH program aiming at “Strengthening Strategy for Youth Friendly Environment and Partnership Development”</p> <p>[Outputs] I. By the end of the course in Japan: Participants are expected (1) To acquire basic understanding on necessary pre conditions and strategies to be met for better ASRH program implementation under the partnership among (a)Adolescent and Adults ,(b)GO and NGO (2) To acquire effective skills and approaches (3) To acquire the effective strategy for a youth friendly environment and partnership development. (4) To develop Action Plan (Interim Report) II. After returning to their home country: After the Core Phase in Japan, Participants are expected to submit implementaion/progress report to JICA.</p>	<p>[Target Organizations] GO and NGO in the field of ASRH</p> <p>[Target Group] Youth and adults in pair from GOs and NGOs from each country.</p> <p>(1) Participants should be a pair of 1) Government (GO) and 2) NGO from each country as follows: 1) A program administrator or implementer in the field of ASRH from GO. 2) A representative or equivalent in rank of youth organizations (NGO) involved in adolescent health activities. * Nominations of NGOs that are Family Planning Association (FPA) collaborating organizations are recommended.</p> <p>(2) Participants from GO should have a minimum of 3 years of experience in the field of sexual and reproductive health of adolescents.</p> <p>(3) Participants from GO and from youth organizations (NGO) should be 18-40 of age, in principle.</p>		
CONTENTS	PROGRAM PERIOD	May.20.2008~Jun.14.2008	
<p>&lt;Preparatory phase (Before coming to Japan)&gt; Submission of the Inception Report which clarifies the job description, problems, and improvement plan of the organization to which the participant belongs</p> <p>&lt;Program in Japan&gt; 1. Workshop: 1) Involvement of youth 2) Peer Education 3) Approach to strengthen self esteem 3) Sex Education at school, through team teaching 4) Life skills (comprehensive approach) 5) Behavior Change Communication (BCC) 6) Youth friendly clinic &amp; services 7) Communication skills among parents and children 8) Cooperation and networking of key stakeholders and organizations concerned with ASRH 9) Networking among GOs and NGOs 10) Training program for ASRH resource persons by NGO 11) Youth initiatives in ASRH advocacy 2. Development of the Interim Report (Action Plan): 1) Making an Interim Report 2) Presentation of the Interim Report (Action Plan) 3) Exchange of information with past participants (JICA-net)</p> <p>&lt;Post-program activities&gt; The Interim Report (Action Plan) is officially approved and implemented. Submission of the Final Report (progress report on the activities) At the same time, JICA may monitor how the progress of their Action Plan is.</p>	IMPLEMENTING PARTNER	Japanese Org. for International Cooperation in Family Planning (JOICFP)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2004~2008	
	REMARKS	1)Countries where births per 1,000 women aged 15 - 19 is 70 or more, 2) the number of HIV infections among aged 15-24 or 3) abortion rate in teenage women is increasing. Source 1) UNFPA State of World Population, 2) UNAIDS Epidemiological Fact Sheet	





OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The program is designed to enhance the capabilities of administrators or experts in charge of parasite control and to develop a relevant supporting system in order to contribute to the improvement of public health in the participating countries. To achieve the program objectives, participants are expected to:</p> <ol style="list-style-type: none"> <li>1. Understand the effect of parasite control from a primary healthcare perspective</li> <li>2. Understand the importance of self-support parasite control (finance and activity)</li> <li>3. Acquire the knowledge necessary for treatments and testing for parasitic diseases</li> <li>4. Understand the key concept of Japanese public health activities by tripartite sectors (governmental, academic and private sectors)</li> <li>5. Recognize the relatively current situation of parasite problems and the countermeasures in participants' countries and their neighbors.</li> <li>6. Formulate an action plan to improve parasite control according to priorities in their own countries</li> </ol> <p>After the Core Phase in Japan, Participants are expected to submit implementaion/progress report to JICA.</p>	<p>Tropical/sub-tropical countries Government or private organizations /institutes at a national or local level in charge of parasite control Conditions of participants are: (1) Senior level experts or officers in charge of the practice of parasite control from the government or private sector (2) University graduates or above (3) 30-55 years of age</p>	
CONTENTS	PROGRAM PERIOD	Jan.20.2009~Feb.14.2009
<p>&lt;Preparatory phase&gt; Before coming to Japan, participants are required to write a country report (detailed information is provided in Annex 2. )in order to facilitate mutual discussions, which are scheduled for the Country Report Presentation Session.</p> <p>&lt;Program in Japan&gt; (1) General information on parasitic control-generalality, parasitology, stool examination, parasitic control (lecture and exercise) (2) Japanese history of public health activities and parasitic control through school based approach (lectures and field trips) (3) Planning of parasitic control through community-based efforts made by tripartite sectors, namely, the administrative authorities, parasitology academia and non-profit organizations (4) Information sharing on the parasitic control situation among participating countries and studying the application of Japanese history on each form of domestic parasitic control</p> <p>&lt;Post-program in Japan&gt; Participants are expected to take action on the plans they designed during the program in Japan and to submit final report to JICA after 6 months of the Program in Japan. At the same time, JICA may monitor how the progress of their Action Plan is.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>JAPAN ASSOCIATION OF PARASITE CONTROL</p> <p><b>JICA CENTER</b></p> <p>JICA Tokyo</p>	
	<p><b>COOPERATION PERIOD</b></p> <p>2004~2008</p>	
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program is intended to enhance the capacity in hospital pharmacy field and improve services in their own organization. Overall goal is to progress pharmaceutical services in quality and medical safety for participating countries.</p> <p>Through the course, participants are expected:</p> <ol style="list-style-type: none"> <li>1. To find out a future direction for pharmacists and formulate an Action Plan during the course and submit its implementation progress report six (6) months after returning home country.</li> <li>2. To obtain the general knowledge and techniques of hospital pharmacy listed below in order to accomplish the course objective 1.               <ol style="list-style-type: none"> <li>1) To understand services of hospital pharmacists and obtain some insight so as to support drug therapy.</li> <li>2) To understand the importance of healthcare team and recognize the responsibilities of hospital pharmacists and ethical sense needed for them.</li> <li>3) To understand infectious diseases and antiseptics.</li> <li>4) To recognized the importance of drug management and drug information, and understand the methodologies for their collection, arrangement, utilization and provision.</li> <li>5) To understand dispensing and acquire the techniques of hospital and special drug manufacturing and those of injectable drug preparation. (including injectable drug admix services, preparation of anti-cancer drugs, and TPN on total parenteral nutrition)</li> <li>6) To understand pharmacokinetics theory and therapeutic drug monitoring (TDM).</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>(1) Individuals with more than five years experience in their profession</li> <li>(2) Individuals presently engaged in practices of hospital pharmacy</li> <li>(3) Individuals recommended by the President of the association to which applicants belong and/or the president of the institution at which they work</li> <li>(4) Individuals under 45 years of age</li> </ol>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Sep.30.2008~Nov.29.2008</p>
<ol style="list-style-type: none"> <li>1. To reach the objective, participants are expected to achieve the following results:               <ol style="list-style-type: none"> <li>(1) To understand hospital pharmacist' services and to recognize the responsibilities and ethics on this job as one of co-medical professionals</li> <li>(2) To recognize the value of the drug management method, and of drug information and to understand the related process &amp; utilization methods</li> <li>(3) To understand the basic concept and practice of pharmaceutical care services</li> <li>(4) To understand the preparation of Total Parenteral Nutrition (TPN) and the value of quality management, and to learn the technique on them</li> <li>(5) To understand the technique on Therapeutic Drug Monitoring(TDM) method</li> </ol> </li> <li>2. To develop a feasible 'Action Plan * based on the above knowledge and skills</li> <li>3. To submit the implementation progress report of the action plan to JICA six (6) months after returning home country.</li> </ol>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>JAPAN INTERNATIONAL MEDICAL TECHNOLOGY FOUNDATION</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2004~2008</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	<p>Researchers and educators who work mainly in laboratories or schools are not qualified for the program. Medical doctors, nurses, and administrators are not also qualified for this program.</p>

Study Programme on Communicable Diseases Control 感染症対策研修		GROUP  0880910
		Health—Other infectious diseases
		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Overall Goal&gt; Capacity of the organization on communicable diseases control is developed. Network among participants' countries is enhanced.</p> <p>&lt;Objective&gt; From the perspective of prevention, outbreak control (such as securing a crisis management system) and health education in communicable diseases, participants are expected to present current problems in their own countries and propose administrative efforts to solve these problems.</p> <p>&lt;Outputs&gt; Participants are expected to: (1) Clarify the key problems in their own countries based on the experiences of communicable disease control in Japan as well as participating countries. (2) Find hints or countermeasures to solve problems clarified in their own countries. (3) Make a clear direction to undertake the task upon completion of the course in Japan.</p>	<p>[Target Organizations] Ministry or Department of Health National Government in principle</p> <p>[Target Group] (1) Mid-level health administrators in charge of communicable disease control with a degree in medicine and over 3 years of experience in public health (2) Individuals who will continue their careers in the field of Communicable Diseases Control</p>	
CONTENTS	PROGRAM PERIOD	Jan.19. 2009~Feb. 6. 2009
<p>[Preparation phase before the course in Japan] Formulation of a country report that describes the status and problems in the field of communicable diseases control (CDC)</p> <p>[Course in Japan] 1) Lectures on the administrative system on health in Japan (Administrative system on health, history of public health, medical care delivery system, health economics) 2) Lectures on the status and experience on CDC in Japan (Infectious disease surveillance, outbreak response, parasitic diseases control, sexually transmitted infections, tuberculosis control, food hygiene, advocacy on the prevention of infectious diseases) 3) Visit to various institutions on CDC (Quarantine, wholesale market sanitary inspection station, blood center, public health center) 4) Presentation of a country report, an action plan that describes actions to improve CDC in the organization to which participants belong.</p> <p>[Activities in home country] Implementation of the actions planned during the course in Japan.</p>	IMPLEMENTING PARTNER	Japan International Corporation of Welfare Services (JICWELS)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	

<b>Health Systems Management</b> <b>保健衛生管理</b>		GROUP  0880960
Target Countries : Except former socialist countries of east Europe		13 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Improvement of the organizations concerned in the participating countries by grasping the problems of those engaged in public health such as health sector reform, the quality enhancement of health service, securing of limited resources etc.</p> <p>Through the seminar, participants are expected:</p> <p>(1) To acquire the following knowledge and skills of (1) - (4) and to formulate an Action Plan individually.</p> <p>1) To understand the various methodologies of the administrative management of public health,</p> <p>2) To be able to formulate plans based on the various methods of administrative management,</p> <p>3) To acquire the ability of administrative management of public health,</p> <p>4) To acquire the capability of leadership for the administrative management of public health.</p> <p>(2) To arrange a supportive environment (including human and institutional networks), to implement an Action Plan after returning to their home countries.</p> <p>(3) To implement an individually-made viable Action Plan based on the abilities mentioned above after the return home.</p>	<p>(1) Technical experts who are in charge of public health administration; as the mid-level managers of Provincial Health Offices and of the Central Ministry, or</p> <p>(2) Individuals engaged in the field of public health and working at educational institutions, private sectors or NGOs, etc.,</p> <p>(3) Individuals with more than 5 years occupational experience in the field of public health.</p>	
CONTENTS	PROGRAM PERIOD	May.7.2008~Jul.12.2008
<p>&lt;Preparatory Phase in the home country&gt; Preparation of an Inception Report, Problem Identification for the Action Plan</p> <p>&lt;Program in Japan&gt; This program focuses on the administrative management function, based on concepts of "health transition" and "health sector reform", which are parts of Public Health issue's components. The participants will be evaluated along with the following modules during each assessment process, namely Presentation and Discussion of Case study/Workshop/Field Study/Action Plan/Evaluation Sheet.</p> <p>(1) Outline of Public Health Administration/Analysis of current situation among participating countries</p> <p>(a) Public Health and Welfare Administration in Japan</p> <p>(b) Health Sector Reform</p> <p>(c) Outline of Administration and Management</p> <p>(2) Policy/Project Planning</p> <p>(a) Evidence-based Health Policy and Planning of Health Services</p> <p>(b) PCM(Project Cycle Management) Exercise</p> <p>(c) Development of indicators,</p> <p>(3) Monitoring/Evaluation</p> <p>(4) Management of Resources</p> <p>(5) Leadership &amp; Communication</p> <p>(6) Exercise of Planning</p> <p>&lt;Post-program Activities&gt; Report the action plans in the home country and submission of a Progress Report to JICA( 6 months after returning to the home country).</p>	IMPLEMENTING PARTNER	NATIONAL INSTITUTE OF PUBLIC HEALTH
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>This program is offered to those organizations intending to improve themselves by grasping the problems of those engaged in public health. Participants shall have opportunities in Japan to formulate an Action Plan based on the acquisition of knowledge and skills of administrative management of public health among others. The certificate of this program will be given after the submission of a progress report.</p> <p>Former socialist Eastern Europe nations are excluded due to differences in the health administration systems.</p>

Clinical Laboratory Technology 臨床検査技術		GROUP  0880961
		Health-Health System
		15 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To increase the number of well-skilled Clinical Laboratory Technologists in participating countries by spread of knowledge by ex-participants.</p> <p>The ultimate purpose of this program is not for the participants to acquire knowledge for themselves, but to improve operation of the organization that the participants work for, reflecting what they learn in Japan.</p> <p>1. To acquire the following fundamental knowledge and technology regarding microbiological test of Clinical Microbiology Technology</p> <ol style="list-style-type: none"> <li>(1) Bio-safety and standard preventive measures in microbiology laboratory</li> <li>(2) Skills for safety handling of microorganism</li> <li>(3) Quality evaluation of specimen, especially gross appearance and microscopic evaluation of sputum</li> <li>(4) Direct smear examination (Gram stain and presumptive identification by microscopic test)</li> <li>(5) Laboratory procedures by the specimen type, such as blood, CSF, stool and sputum. (Testing methods for type of infectious diseases)</li> <li>(6) Presumptive identification of bacteria which are frequently encountered from clinical specimen by the colony on isolation culture media</li> <li>(7) Identification tests for clinically important bacteria</li> <li>(8) Serological tests for diarrheagenic E. coli, Shigella and Salmonella</li> <li>(9) Antimicrobial susceptibility tests (AST) and the its interpretation</li> <li>(10) Interpretation of microbiology test results (Limitation of each test, clinical significance of bacterial isolate, judgment of inflammation)</li> <li>(11) Quality control</li> </ol> <p>2. To formulate an Action Plan</p> <p>Participants are requested to formulate an action plan for, which is specific and feasible to execute to their country situation. We require all the participants to submit it after presentation at the end of the course. Participants are also requested to report the progress of their action plans six months after their return.</p>	<p>Medical technologists who are presently engaged in practices of clinical laboratory in hospitals</p> <ol style="list-style-type: none"> <li>(1) Individuals presently engaged in practices of clinical microbiology with more than 5 years experience in their profession.</li> <li>(2) Individuals with a responsible position to diffuse the knowledge and technique acquired in the training or have a superior ability to do so.</li> <li>(3) Individuals under forty-five (45) years of age, in principle</li> <li>(4) Individuals presently engaged in practices of clinical laboratory practices</li> </ol>	
CONTENTS	PROGRAM PERIOD	Jan.05.2009~Mar.27.2009
<p>1. Lecture</p> <ol style="list-style-type: none"> <li>(1) Outline of infectious diseases</li> <li>(2) Role of microbiology tests in diagnosing infectious diseases</li> <li>(3) Hospital infection and prevention of infection</li> <li>(4) Smear examination of clinical specimen</li> <li>(5) Characteristics and laboratory technology of bacteria which are frequently isolated by routine tests</li> <li>(6) Laboratory procedures for specimen processing (blood, CSF, pus and discharges from the respiratory, enteric, urinary tracts, and other body sites)</li> <li>(7) Laboratory methods for anaerobes</li> <li>(8) Laboratory methods for antimicrobial susceptibility tests (AST)</li> <li>(9) Laboratory methods for acid-fast bacteria</li> <li>(10) Laboratory methods for fungi</li> <li>(11) Laboratory methods for toxins</li> <li>(12) Laboratory methods for viruses (HIV, etc.)</li> <li>(13) Quality control of microbiology tests</li> <li>(14) Introduction to the external quality control "Photo Survey" in Asian region</li> <li>(15) Strategy for establishing of an association of clinical laboratory technologists</li> </ol> <p>2. Practice</p> <ol style="list-style-type: none"> <li>(1) Fundamental technology for microbiology tests (bio-safety, aseptic techniques, handling of apparatus and etc.)</li> <li>(2) Material oriented (infectious disease oriented) testing methods</li> <li>(3) Direct smear examination (Gram staining and others)</li> <li>(4) Identification of clinically important bacteria</li> <li>(5) Antimicrobial susceptibility tests (Standardized dilution and disk diffusion method)</li> <li>(6) Quality control of microbiology tests</li> <li>(7) Interpretation of testing results and its clinical significance</li> <li>(8) Toxins tests (for some participants only)</li> </ol> <p>3. Exercise, Presentation, Discussion</p> <ol style="list-style-type: none"> <li>(1) Presentation of Report</li> <li>(2) Formulation of Action Plan and its presentation</li> </ol>	IMPLEMENTING PARTNER	JAPAN INTERNATIONAL MEDICAL TECHNOLOGY FOUNDATION
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	Medical doctors, nurses, researchers, educators and administrators are not included as participatory requirements

Stop TB Action Training Course ストップ結核アクション研修		GROUP  0880964
		Health-Tuberculosis
		17 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of the program is to develop or implement the program in a rational, realistic and efficient manner under their own country's socio-economic conditions. To reach this objective, participants are expected to achieve the following results:</p> <p>(1) Update their knowledge of tuberculosis and its control  (2) Improve the analytical skills necessary for the situation analysis for TB control,  (3) Develop either operational research proposals or plans of action to improve the TB in the areas for which they are themselves responsible.</p>	<p>【Target Organization】  Ministry of Health, National TB programs.  【Target Group】  (1) Medical officers or public health officers who are involved in the national tuberculosis control programme, preferably having, or going to have, a leading role in the programme.  (2) Aged between 30 and 45.</p>	
CONTENTS	PROGRAM PERIOD	May.6.2008~Aug.2.2008
<p>1. Lectures</p> <p>(1) Basic statistics and computer skills  (2) TB epidemiology  (3) Bacteriology and laboratory diagnosis  (4) HIV and TB co-infection, and how to tackle the dual problem  (5) Health system and financing  (6) Advocacy, Communication, and Social Mobilization  (7) How to conduct situation analysis  (8) Management and Leadership  (9) Multi-Drug Resistant Tuberculosis, and its control  (10) DOTS and Stop TB Strategy  (11) Drug management and Global Drug Facility  (12) Public-Private Mix/Partnership DOTS  (13) Operational Research</p> <p>2. Practice</p> <p>(1) Basic statistics  (2) Computer skills  (3) International support and Stop TB Partnership  (4) Workshop, Group Discussion, and Presentation  (5) How to conduct situation analysis (NTP assessment)</p> <p>3. Field Visits</p> <p>(1) Health Facilities related to international health and TB control  (2) Local PHC in Tokyo</p> <p>4. Formulation of Action Plan and Operational Research Proposal</p>	<b>IMPLEMENTING PARTNER</b>	THE RESEARCH INSTITUTE OF TUBERCULOSIS, JATA
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2005~2009
	<b>REMARKS</b>	Countries with high tuberculosis morbidity rates are prioritized.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The program is designed to enhance the quality of the TB bacillus inspection, which is important for the patient's diagnosis and the evaluation of the treatment progress, and by establishing a TB bacillus inspection network, contribute to the TB control program. To reach this objective, participants are expected to achieve the following results:</p> <p>(1) Understand the role of bacteriological examination in tuberculosis control (2) Master the techniques and methods required for the laboratory tests for mycobacterium. (3) Establish and maintain the quality system necessary for the TB laboratory. (4) Write an action plan to improve the TB laboratory services for the participant's country.</p>	<p><b>【Target Organization】</b> Organizations responsible for the management of laboratory work in TB control program. <b>【Target Group】</b> (1) Senior technicians or medical doctors responsible for the management of laboratory works in a TB control programme in the region/country and the training of health personnel in laboratory works for tuberculosis control (2) Age between 26 and 50</p>	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Nov.29.2008
<p>In this program, the emphasis is placed on the management and evaluation of the TB laboratory system, the importance of bacteriological examination as follows:</p> <p>(1) To master the methodology of networking for direct smear examination (2) To Acquire proficiencies / understanding in direct smear examination, isolation culture, identification test, drug susceptibility test and molecular testing. (3) To Enhance the examination management capacity including quality assurance and training method. (4) Formulate an action plan.</p>	IMPLEMENTING PARTNER	THE RESEARCH INSTITUTE OF TUBERCULOSIS, JATA
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	If the tuberculin test is negative, it is advisable to have a BCG vaccination before departure.

Target Countries: English Speaking Africa

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Local health administrative officers will be able to propose concrete administrative plans to improve health services by local health sector or health workers and in promoting local communities' participation to local health sector, and also the capacity to manage the plans and supervise the activities will be improved.</p> <p><b>【Outputs】</b>                      (1) To improve knowledge and skills to formulate effective administrative plan on local health system by learning policy of health, medical treatment and welfare in Japan                      (2) To acquire essential knowledge and skills to formulate and implement administrative local health plan.                      (3) To learn Hokkaido's experiences to deal with local health problems through the case studies, and get some hints to propose solutions for each country.                      (4) To clarify the health problems / issues to be solved in each country / region.                      (5) To propose local health improvement plan (action plan) based on the above items, including consideration of the strategy to popularize the plan among local health communities.</p>	<p><b>【Target Organizations】</b>                      Local administrative organization in charge of local health</p> <p><b>【Target Group】</b>                      (1) Essential Qualifications                      1) Current Duties: Regional administrative officer for local health care, or the officer who is related to creating regional health care plan.                      2) Experience in the relevant field: have more than five (5) years' experience in the field of regional health administration.                      3) Educational Background: Public Health                      4) Language: ideally have a good command of spoken and written English which is equivalent to TOEFL CBT 200 or more (This program includes active participation in discussions, action plan development, thus requires good competence of English ability. Please attach an official certificate for English ability such as TOEFL, TOEIC etc., if possible)                      5) Health: must be in good health, both physically and mentally, to participate in the Program in Japan                      6) Must not be serving any form of military service.</p> <p>(2) Recommendable Qualifications                      1) Age: be between the ages of twenty-five (25) and forty-five (45) years</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.1.2008~Aug.9.2008</p>
<p>&lt;Preliminary Phase&gt;                      (1) Preparation of Inception Report</p> <p>&lt;Phase in Japan&gt;                      (1) Regulation and policy about health, social welfare in Japan. Constitution of administrative organization between national level and local level. Health and social welfare policy in prefecture and municipality. The roles of municipality, health center and people for making local health plan.                      (2) Philosophy and theory on local health plan in Japan. How to find and prioritize local health needs. How to collect and analyze data for considering health problems in local area. How to evaluate local health situation.                      (3) Lectures and case studies                      • Characteristics of health matters in West Africa (infectious diseases, nutrition, maternal and child care)                      • Characteristics of health matters in Hokkaido (severe weather condition, insufficient medical care in large area with a decentralized population)                      (4) Collect and analyze health data on their respective country/ region.                      (5) Based on the clarification of the problems in their present local health plans, propose local health improvement plan (action plan)                      How to make presentation to the related workers and communities to implement the health improvement plans.                      How to educate the related workers and communities.                      How to change the local people's attitudes towards health.                      (6) Preparation of Action Plan</p> <p>&lt;Finalization Phase&gt;                      (1) Report the progress of implementing Action Plan as Final Report within three(3) months after completion of phase in Japan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Asahikawa Medical College</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Sapporo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	



Target Countries: Central and South America

9 participants /

Spanish


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Outcome: Action plan to improve issues in participating organizations will be formulated and approved in the organizations.</p> <p>Output 1: Issues of participating organizations will be clarified.</p> <p>Output 2: Participants will be able to explain knowledge and skills regarding following matters, which can be utilized in participating organizations. Japanese Medical System Efforts for better hospital administration being made in Japanese hospitals Efforts for better human resource training being made in Japanese hospitals.</p> <p>Output 3: Draft of action plan to improve participating organizations will be formulated.</p> <p>Output 4: Action plan will be considered in participating organizations after participants' going back.</p>	<ul style="list-style-type: none"> <li>• Individuals nominated by their government</li> <li>• University graduates or equivalent (Director General of the hospital or director of nursing dept., should have graduated from a faculty of medicine or nursing)</li> <li>• Aged between 35 and 50 years-old (Pregnancy is not permitted)</li> <li>• Individuals selected from a <u>national or public central hospital, which is selected as a "model hospital" by JICA.</u></li> <li>• Individuals selected from the director general, director of nursing, or director of the administration dept. of each hospital</li> </ul>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.13.2008~Nov.22.2008
<p>(1) Health service system in Japan Health service; Health insurance and remuneration system for medical treatment; Classification of hospital function and collaboration for health services, Education and qualification system for health workers</p> <p>(2) Outline of hospital management Hospital Organization; Patient care; Leadership and management; Institutional Building; management of hospital facilities and equipment; Information/ Finance/ Nursing/ administration, Hospital Management and Hospital Analysis Method</p> <p>(3) Practical hospital management Hospital Construction and Amenities, Hospital organization and its role; Hospital manager responsibility and activities; Information/ Finance/ Nursing/ administration; Management of Medical equipment and materials; Pharmaceutical Management; Risk management; Evaluation of Health Service quality; Personnel Evaluation</p> <p>(4) Methods for solving problems in hospital management or administration Analysis Method in Hospital Administration, Evaluation for hospital function and quality health care; Action plan</p>	<b>IMPLEMENTING PARTNER</b>	International Nursing Foundation of Japan (INFJ)
	<b>JICA CENTER</b>	JICA Osaka
	<b>COOPERATION PERIOD</b>	2006~2010
	<b>REMARKS</b>	


Target Countries: Benin, Madagascar Niger and Senegal.


8 participants / French


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Details are under planning.</p> <p><b>【Objectives】</b>                      To facilitate each participants to summerize and describe their own roles, communication and required administration for the improvement of MCH in their country.</p> <p><b>【Outputs】</b>                      (1) To recognize international experiences and agreements for improvement of MCH.                      (2) To overview MCH services in their countries and summerize its subject and problems.                      (3) To consider required MCH services needed among residents of their country.                      (4) To consider required organization system in providing MCH services.                      (5) To exchange MCH experiences of own countries and learn each other.</p>	<p><b>【Target Organizations】</b>                      Ministry of Health, including its provintial and local department.</p> <p><b>【Target Group】</b></p>	
CONTENTS	PROGRAM PERIOD	Oct.21.2008～Nov.29.2008
<p>Details are under planning.</p> <p>(1)*To explain change of international action on health of expectant women and newborn babies.                      *To recognize the background where continuous care was proposed by WHO.                      *To explain action examples of MCH service needed in their country.</p> <p>(2)*To explain differences of actions between own country and others in terms of improvement of health of expectant women and newborn babies.                      *To review the perinatal period care carried out in their countries from a viewpoint of "Evidence-Based Care".</p> <p>(3)*To overview the present condition from a viewpoint of "Continous Care", and clear the problems.</p> <p>(4)*To understand the necessity of cooperation between administration and medical institutions which is needed for MCH services and describe it.                      *To recognize and describe necessary elements in activities through its practical continuous care.</p> <p>(5)*To try to learn by him/herself through the health care services carried out in the different situation compared with his/her own.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	International Medical Center of Japan
	<p><b>JICA CENTER</b></p>	JICA Tokyo
	<p><b>COOPERATION PERIOD</b></p>	2008～2010
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      By sharing the experience of Japan and Sri Lanka, participants will learn the ideas and design the action plan on better hospital quality management.</p> <p><b>【Outputs】</b>                      (1) Pick up and analyse problems on hospital management.                      (2) Understand 5S-CQI-TQM activities in Japan and Sri Lanka.                      (3) Make an action plan on hospital quality management.                      (4) Finalize the action plan.                      (5) Planned action plan is shared among hospital workers and revised for finalization.</p>	<p><b>【Target Organizations】</b>                      Ministry of Health / Pilot hospitals</p> <p><b>【Target Group】</b></p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Mar.1.2009～Mar.14.2009</p>
<p>(1) Point out the problems on hospital management and make a report. Share the problems among participants through the seminar.                      (2) Lectures and hospital visit.                      (3) Presentation on hospital quality management action plan.                      (4) Final action plan is submitted to JICA within one month.                      (5) Final action plan is submitted to JICA within one month.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Nippon Medical School / Castle Street Hospital for Women</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2008</p>
	<p><b>REMARKS</b></p>	<p>The following eight countries should be excluded from the target countries since they participated this program in the fiscal year 2008 and they are now implementing pilot projects; Eritrea, Kenya, Madagascar, Malawi, Nigeria, Senegal, Tanzania, Uganda.</p>

Improvement of Regional Health Care for JOCV s' Counterpart personnel in French-spoken African countries アフリカ地域(仏語圏) 地域保健能力向上(協力隊員カウンターパート)		R/F  0884072
Target Countries: French-spoken African countries where French is spoken and many Japanese		10 participants / French
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The counterparts of Japanese volunteers in the health sector can find the issues by themselves and formulate a plan to solve them, when both of them collaborate in the regional health care activities.</p> <p><b>【Outputs】</b> (1) To clarify the issues of their activities in the respective country, through understanding the regional health activity and health services in Japan. (2) To make an action plan for solving the issues of their activities, through the discussion with alumni of volunteers. (3) To advance the action plan with volunteers and formulate a more detailed activity schedules within 4 months after the training in Japan. (4) To accelerate the collaborative activity between Japanese volunteers and their counterparts within 4 months after the training in Japan.</p>	<p><b>【Target Organizations】</b> Rrelated organizations in the 5 french-spoken African countries, where Japanese volunteers in the health sector work with their counterparts.</p> <p><b>【Target Group】</b> &lt;Position&gt; Those who in charge of health or school health such as a leader or staff of a health center, principal of a school where Japanese volunteers are dispatched. &lt;Experience&gt; Those who know much about regional health care and work with Japanese volunteers. &lt;Others&gt; Be in a good health and not pregnant</p>	
CONTENTS	PROGRAM PERIOD	Jun.15.2008~Jul.12.2008
<p>(1) Lecture on Japanese experiences of regional health care. Lecture and observation on how to facilitate the community through children and school education. Lecture on development of health care workers and on the effective measure of prevention and educaion.</p> <p>(2) Discussion and report making on how to apply to their activities what they learned through lectures, observations and practices in Japan.</p> <p>(3) Practice on how to find the leader of the community and motivate them to involve the activity. Lecture and observation on how to link the related groups and activities, as well as on how to facilitate the initiative of people through the group activity.</p> <p>(4) Lecture on introducing the effective cooperation program of JOCV, such as a group activity.</p>	IMPLEMENTING PARTNER	Kobe Tokiwa College
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2008~2010
	REMARKS	

Nursing Management of Maternal and Child Health for African Countries アフリカ母子保健看護管理		R/F 	0884107
Target Countries: Africa		9 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>[Course Objective] This course is intended to improve the quality of nursing management and nursing services in the organizations to which participants belong.</p> <p>[Outputs] Participants are expected to:</p> <ol style="list-style-type: none"> <li>1. Comprehend the principles of nursing management, and acquire the ability of planning, coordination and leadership required for nursing managers,</li> <li>2. Understand the activities of perinatal medicine and nursing care</li> <li>3. Identify issues of nursing management in their own workplace, and</li> <li>4. Formulate an Interim Report (Action Plan) to solve problems and issues in their respective country.</li> </ol> <p>II. After returning to their home countries, participants are expected to modify the Interim report and implement the plan proposed in the Report. * Subsequently, a final report on its achievement is required 6 months later on the course in Japan</p>	<p>[Target Organizations] Hospitals, Ministry of Health, or nursing schools in the field of maternal and child health.</p> <p>[Target Group] Two participants from each country.</p> <ol style="list-style-type: none"> <li>1) Licensed nurses and midwives authorized by governments</li> <li>2) Individuals with more than 7 years experience in Maternal and Child Health Nursing</li> <li>3) Individuals under 40 years old</li> <li>4) (a) Nurses in managerial positions that require skills of leadership and management in Obstetric wards, or (b) Administrators in Nursing/Nursing Education or Teachers in Nursing school</li> </ol> <p>* A pair of (a) and (b) from one country or two (a) are recommended. Two (b) participants from one country will not be accepted.</p>		
CONTENTS	PROGRAM PERIOD	May.6.2008~Jul.26.2008	
<p>[Before coming to Japan] Formulation of an inception report on general information of the organization, problems in nursing management and possible solutions to these problems.</p> <p>[Course in Japan] 1) Introductory subjects: Maternal and child health administration and statistics in Japan, Nursing administration and education system in Japan, Prenatal nursing care at hospitals and maternity homes in Japan, Community health, medicine and welfare services in Japan 2) General subjects related to leader's training: Concept of leadership, Communication skills, Nursing management in the hospital, Problem solving methods 3) Actual activities of prenatal medicine and nursing care: Nursing care at hospitals and maternity homes, Maternal and child health activities at public health center 4) Problem solving methods: Identification of problems in workplaces in hospital and/or health institutions, formulation of an Interim Report (Action plan to solve the identified problems)</p> <p>[After participants return to their home countries] 1) Implementation of actions described on the Interim Report 2) Evaluation of the actions 3) Report on the result of the actions and their evaluation in the form of a Final Report.</p>	IMPLEMENTING PARTNER	The International Nursing Foundation of Japan	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Two participants from each country.	

Workshop on BCC Strategy for Improving Reproductive Health Status for African Countries アフリカ地域 リプロダクティブ・ヘルス行動変容戦略ワークショップ		R/F 	0884122
Target Countries: Africa		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>&lt;Ultimate Goal&gt; Improved reproductive health status of the East African region.</p> <p>&lt;Long-term outcome by the end of the five year program 2005-2009&gt; (By the series of courses over five years, there will be ten persons from each country. These participants are expected to collaborate to meet this outcome) A community-operated BCC module for the improvement of reproductive health status in the eastern region of Africa is developed.</p> <p>&lt;Short-term Outcome expected in each year course&gt; The objective of this course is namely a 'Community-operated BCC strategy for the improvement of reproductive health status, to be implemented in the pilot area of the eastern African Region, by overcoming myths and taboos surrounding reproductive health.'</p> <p>&lt;Output&gt; By the end of the course in Japan, the participants will: 1) Identify substantial elements of BCC interventions in RH (definition and terminology) 2) Acquire basic skills and approaches in community-operated effective BCC interventions (message creation and tool development) 3) Understand various components of community-operated RH conducive environment (management and system development) 4) Formulate a BCC Interim Report (action plan) per country By the end of the final phase (conducted in the participant's home country), 5) Submit the implementation/progress report to JICA.</p>	<p>[Target Organizations] Government and non-governmental organizations.</p> <p>[Target Group] 1) The Reproductive Health (RH) program manager in charge of BCC or IEC planning and implementation: one participant from government (GO) and another from a non-governmental organization (NGO) focusing on RH activities. A total of two participants from each country</p> <p>It is requested that the two participants, both from GO and NGO have already been working in partnership in the field of RH. For the nomination of NGO, a member association of the International Planned Parenthood Federation (IPPF) is preferable.</p> <p>2) Individuals with a minimum of 3 years of experience in BCC planning and implementation</p> <p>3) Age: 25 to 50 years old in principle</p>		
CONTENTS	PROGRAM PERIOD	Nov.18.2008~Dec.12.2008	
<p>[Before coming to Japan] Formulation of an inception report describing the examples of the activities on RH, problems and their causes.</p> <p>[Course in Japan] 1. Introduction to BCC strategy 1-1) Characteristics of socio-culturally sensitive RH behavior: - Why is BCC so important in RH - Current situation: facts and figures in RH - Existing barriers in community RH 1-2) JOICFP's approach in BCC - Learning from the Japanese experience - Appropriate production and development of a conducive environment 2. Group discussion on Inception Report 3. Appropriate production towards behavior change in RH (skills development workout session) - Message creation - BCC tool outline (appealing to emotion / culture) - BCC production flow 4. Management and system development (creation of a conducive environment) in operating BCC in RH (Field trip) 5. Interim report development (action plan)</p> <p>[Activities in home country] Implementation of the actions described in the interim report. At the same time, JICA may monitor how the progress of their Action Plan is.</p>	IMPLEMENTING PARTNER	Japanese Organization for International Cooperation in Family Planning (JOICFP)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


Support for the Establishment of Neonatal Screening System for Middle East Region 中東地域 新生児マススクリーニング確立支援		R/F  0884130
Target Countries: Morocco, Palestine		Health—Maternal and Child Health /Reproductive Health 5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The applicable solutions for the establishment of Neonatal Screening System for Congenital Hypothyroidism in the target countries will be proposed with the close collaboration among administration, clinical inspection, and medical care, through learning practical knowledge and know-how of the screening test, treatment, and prognosis care.</p> <p><b>【Outputs】</b> (1) To understand the experiences of MCH measurement Japan, and its importance of the screening system under the Maternal Child Health (MCH) administration (2) To acquire comprehensive knowledge and techniques of sampling of blood, analysis of test results and the methods of notification regarding CH (3) To acquire the methods of diagnosis, treatment, long-term management and prognosis for the screened CH patients (4) To make an Action Plan and Final Report/draft proposal for the follow-up program</p>	<p><b>【Target Organizations】</b> 1) Governmental Organization engaged in MCH administration 2) National/Regional Institute of public health engaged in clinical inspection, 3) Pediatric/General Hospital</p> <p>Note: To cope with this issues, the close collaboration among administration, clinical inspection, and medical care is quite necessary. In order to maximize the outcome of this training program, it is expected that 1 representative from above each organization join this training program as a team.</p> <p><b>【Target Group】</b> 1) Administration officer engaged in MCH, who specializes public health administration, 2) Clinical Technician engaged in biological clinical inspection at national/regional institute of public health 3) Pediatrician or supervisor specialized in endocrinology or metabolic disorders at pediatric/general hospital 4) more than five(5) years of practical experience in the above field. 5) University graduate or equivalent on medicine / public health</p>	
CONTENTS	PROGRAM PERIOD	Nov.18.2008~Dec.19.2008
<p>Preparatory phase: Participant should prepare a "Country Report" which describes the present situation and problems related to MCH/Screening system.</p> <p>Curriculum in Japan: (1) 1. Preventive medicine and public health 2. Introduction of neonatal screening system 3. Maternal and child health administration in Japan 4. Children's hospital in Japan 5. Maternal and child health administration in Sapporo 6. Introduction of medical economics 7. Economical effect of neonatal screening</p> <p>(2) 1. Role of the Sampling blood facility on neonatal screening 2. Quality control of neonatal screening 3. Neonatal screening for Congenital Hypothyroidism (CH) 4. Selecting subject for clinical technologist: Inspection methods of other diseases (PKU, CAH)</p> <p>(3) 1. Establishment of screening system and tracing survey system -Evaluation and Improvement- 2. Selecting subject for pediatricians: Practical treatment for CH patients</p> <p>(4) 1. Preparation and presentation of an Action Plan, and propose draft proposal on the follow-up program 2. Making a final report as well as proposal for JICA follow-up program on necessity within three month after the training in Japan</p> <p>Finalization Phase: Within three(3) months after completion of the training in Japan, participant's belonging organization is expected to submit a final report and follow-up support proposal(on necessity) to JICA.</p>	IMPLEMENTING PARTNER	Sapporo City Institute of Public Health
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2008~2010
	REMARKS	<p>Note: To cope with this issues, the close collaboration among administration, clinical inspection, and medical care is quite necessary. In order to maximize the outcome of this training program, it is expected that 1 representative from above each organization join this training program as a team.</p>


Target Countries: Asia

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Course Objective]                      Improving biosafety via a proper biosafety management system</p> <p>[Outputs]                      Participants are expected;                      1. To understand the principles of biosafety, risk management, and a safety management system                      2. To acquire operation and maintenance of safety equipment e.g. safety cabinet, autoclave                      3. To understand appropriate measures for sterilizing and shipping pathogens                      4. To understand the structure, air conditioning system and maintenance of laboratories at biosafety levels (BSL) 2, 3 and 4                      5. To acquire the development of programs and implementation of biosafety training                      6. To develop an interim report describing action plans to improve the activities in the organization</p>	<p><b>【Target Organizations】</b>                      National level institutions which control pathogens that require BSL 2 or more, operated by the Ministry of Health and/or the Ministry of Education (national laboratories, health/medical care laboratories, universities, etc)                      *Laboratories that have pathogens requiring BSL3 or more are desirable.</p> <p><b>【Target Group】</b>                      Participants are expected to                      1) work in BS management department (possible responsible persons if there is no BS management department in the organization)                      2) have experience to take part in laboratory diagnosis of bacteria or viruses (since laboratory works are included in the course contents)</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Nov.25.2008～Dec.20.2008</p>
<p>[Preparatory phase (before coming to Japan)]                      Development of an inception report describing the general information, problems, their causes, and tentative plan to overcome the same.</p> <p>[Core phase in Japan]                      – Lectures;                      1) Principles of BS 2) Risk management 3) Biosafety regulations and manuals 4) Emergency plan 5) Health management 6) Bio security 7) Recombinant DNA 8) Structure of safety cabinet 9) Structure of autoclave 10) Sterilization and disinfection 11) Transportation of pathogens 12) BS in animal testing 13) Assessment of disinfection 14) Structure, air conditioning system and maintenance of laboratories at biosafety level (BSL) 2, 3 and 4</p> <p>– Practice;                      1) Maintenance of safety cabinet 2) Maintenance of autoclave 3) Sterilization and disinfection 4) Transportation of pathogens 5) BS in animal testing 6) Assessment of disinfection 7) Development of BS training programs 8) Formulation of an interim report (an action plan to improve the activities in the organization)</p> <p>– Observation                      1) Actual procedure of BS 2) Production of safety cabinet 3) Management and facilities of animal handling laboratories</p> <p>[Final phase (after returning home)]                      1) Completion of the action plan and its implementation.                      2) Report on the status of the implementation of actions 6 months after the course</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>National Institute of infectious Diseases (NIID)</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p><b>REMARKS</b></p>	



<b>Community Health Administration for Improvement of Regional Disparity in Anglophone Africa</b> <b>英語圏アフリカ地域地域格差是正のための保健行政システム改善</b>		R/F  0884235
Target Countries: East and South part of Africa		Health—Health System 9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To enable participants to clarify issues related to regional disparity in public health and plan to improve them by utilizing the knowledge and experiences obtained the course.</p> <p><b>【Outputs】</b> To reach the objective, participants are expected to achieve the followings:</p> <ol style="list-style-type: none"> <li>1.Understand the health system in Japan and the experience of postwar reconstruction of Okinawa Prefecture as the cases of community health administration, and to analyze the issues of public health in respective countries</li> <li>2.Obtain the knowledge and skills to plan the health service to improve public health</li> <li>3.Understand the case of health administration for remote area in Okinawa including referral service</li> <li>4.Clarity the issues and constraints of organization/department and formulate an feasible action plan for improvement of regional disparity in respective countries</li> </ol>	<p><b>【Target Organization】</b> Ministry of Health (Central government) responsible for planning and management of public health</p> <p><b>【Target Group】</b> (1) Current Duties: be in charge of planning and management of public health at health department of central or local governments (2) Experience in the relevant field: have at least 5 years of working experience in the field of public health (3) Educational Background: be university graduate or equivalent</p>	
CONTENTS	PROGRAM PERIOD	Aug.19.2008～Oct.11.2008
<ol style="list-style-type: none"> <li>1.Preliminary Phase in a participant's home country (1)Analysis current issues on regional disparities in public health in participants' jurisdictional areas and their organizations (2)Formulation and submission of Job Report to JICA together with Application Form</li> <li>2.Core Phase (activities in Japan) (1)Health administration and finance in Japan (assignment of central and local governments, municipalities), Experience of reconstruction of post WW II in public health of Okinawa, Experience of eradication of malaria, Community development and health promotion activity, Human resource development and management in public health (Lectures, observations and discussion) (2)Case Method, Project Cycle Management(PCM) Method, Project Design Matrix(PDM) Method (Lectures, practice and discussion) (3)Administration of local government for remote areas (budget allocation, assignment of medical staff, referral systems in case of emergency) (Lectures, observations and discussion) (4)Presentation of job activities and issues on regional disparity in respective countries,Formulation of an action plan (Exercise and discussion)</li> <li>3.Finalization Phase in a participant's home country Application and implementation of the action plan back in the participants' countries and submission of their progress report to JICA within six (6) months after the end of the Core Phase in Japan</li> </ol>	<b>IMPLEMENTING PARTNER</b>	Okinawa Prefectural Nursing Association
	<b>JICA CENTER</b>	JICA Okinawa
	<b>COOPERATION PERIOD</b>	2007～2009
	<b>REMARKS</b>	Expectations for the Participants: be related with JICA programs in this field will be preferable


<b>Workshop on Safer Motherhood Strategy for Asia (Improvement of Conducive Environment for Mothers at the Community Level)</b> <b>より安全な妊娠と出産戦略アジア地域ワークショップ(妊産婦をとりまくコミュニティーにおける環境作りに向けて)</b> Target Countries: Asia		R/F  0884238 Health—Maternal and Child Health /Reproductive Health 14 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective after the course] Participants are expected to implement strategies to realize a conducive environment towards safer motherhood (SM) at a community level.</p> <p>[Outputs upon the completion of the course in Japan] Participants are expected to:</p> <ol style="list-style-type: none"> <li>1) To acquire community-operated strategies on the empowerment of women for safe motherhood</li> <li>2) To acquire management and monitoring skills necessary for the improvement of a safe motherhood program in the community</li> <li>3) To acquire strategies necessary to strengthen partnership among sectors for safe motherhood program in the community</li> <li>4) To formulate a plan of action at local level to realize a conducive environment towards safer motherhood.</li> </ol> <p>[Longterm outcome to be achieved in the future] The status on RH is improved Strategy of Safer Motherhood Strategy is incorporated into National Policy</p>	<p><b>【Target Organizations】</b> Managers who work in the field of reproductive health (safe motherhood) at: 1) Local governments (provincial) and, 2) Non-governmental organizations (provincial) * NGOs which are member associations of the International Planned Parenthood Federation (IPPF) are preferable.</p> <p><b>【Target Group】</b> •GO and NGO program managers who are: a) both already in working relationships on safe motherhood at a provincial level; and b) have more than 3 years experience in planning, implementation, management, and evaluation. •A pair of GO and NGO from each country can participate in the course.</p>	
CONTENTS	PROGRAM PERIOD	Jan.13.2009~Feb.7.2009
<p>&lt;Preparatory phase (before coming to Japan)&gt; Submission of a report describing the status of safe motherhood in respective countries, lessons learned from experience, and issues on implementation for safe motherhood.</p> <p>&lt;Course in Japan&gt; Workshop, study trip, lectures, and discussions among participants on: 1) A conducive environment towards safer motherhood 2) Community-operated strategy in empowerment of women, and, 3) Management and monitoring skills to improve the conducive environment</p> <p>&lt;After the participants' return to home country&gt; After the Core Phase in Japan, Participants are expected to submit implementaion/progress report to JICA.At the same time, JICA may monitor how the progress of their Action Plan is. Submission of a report describing the status of actions is required within 3 months of the course in Japan.</p>	IMPLEMENTING PARTNER	Japanese Organization for International Cooperation in Family Planning
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This Seminar is designed to introduce Japan's overall health administration in the past and to contribute to progress in solving the health problems of the participating countries by focusing on current issues and through the exchange of opinions. Participants are expected to comprehend a process of establishing health policy through learning different ideas, to make a proposal for the international health sector reform, and to declare a joint global statement. Participants are expected to achieve the followings:</p> <p>(1) Through learning key concepts derived from the introduction of Japan's history and making a comparison of each country's health policy and others, to clarify participating countries' respective problems and issues.                      (2) To make a proposal (Action Plan) for international health sector reform as a joint statement and submit it to JICA by the end of this seminar.                      (3) To develop a Health Policy Plan based on the concept of the joint statement after returning home.</p>	<p>1) Individuals in a position to be responsible for planning and deciding national health policy                      2) Administrators (Permanent Secretary, Executive Directors or Equivalent Level) of national governments in charge of health administration or the equivalents in public institutions</p>	
CONTENTS	PROGRAM PERIOD	Oct.19.2008~Nov.1.2008
<p>1. Icebreaking, Country Profile, Problem Identification                      2. Keynote Lecture on History of Public Health Policy in Japan                      3. Lectures and Discussions on Selected Issues of Public Health (Infectious Disease Control, Mother and Child Health, Long-term Care, Management of Medical Care Service, Evidence-Based Health Policy, International Collaboration; Population Study and Social Security System are included.)                      4. Visit to the Ministry of Health, Labour and Welfare (Meeting with High Officials of the Ministry) and Lectures and Discussions on Japanese Health Policy                      5. Study Trip; Observation of Health and Welfare Facilities                      6. Discussion on Proposal (Action Plan)</p>	IMPLEMENTING PARTNER	National Institute of Public Health
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Upon successful completion of the program, participants are expected to</p> <p>(1) take leadership in an attitude of "Human Security Mind",                      (2) be able to detect, identify, make judgments and make forecasts of health conditions and requirements of the future, and                      (3) communicate and network among peers and with people in emerging health challenges in the future and conduct future health-related actions and new priority in the participants' home countries.</p>	<p>(1) Senior national or local level health officials with present or potential responsibilities for the formulation and promotion of health policies as well as the designing and implementation of programs                      (2) Under 48 years of age</p>	
CONTENTS	PROGRAM PERIOD	Aug.17.2008~Sep.23.2008
<p>(1) Futurology and Health Forecasting                      (2) Strategic Planning and Health Policy Development                      (3) Practices using the BFT (Bioforecasting Technology) Method                      (4) Health Financing and Health Insurance                      (5) Preventive and Curative Medicine                      (6) Welfare                      (7) Risk Management in emerging challenges in Health                      (8) Computer Skills                      (9) Communication Skills                      (10) International Symposium (The theme of the symposium in 2008 is Aging Society. The theme will change each year)</p>	IMPLEMENTING PARTNER	School of Medicine, Tokai University
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2007~2009
	REMARKS	<p>Applicants must submit their organization chart attached to the application form. Participants are requested to present the health status of each participant's country. An International Symposium will be held at the end of the program.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt;                      The participants will learn systems and present situation of food safety administration in Japan, and are expected to improve food safety administration in their respective countries and to develop safer food trade between Japan and their respective countries, as well as to contribute to the development of international cooperation.</p> <p>&lt; Output &gt;                      Participants will:                      1.sort out issues and challenges in their countries ,                      2.understand the concept of international cooperation in food safety related area                      3.formulate a Summary Report concerning the role of food safety administration in their country at the end of the training course based on the knowledge acquired, and                      4.make policy recommendation after returning home based on the Summary Report and report the introduction state of related policies status.</p>	<p>(Tstgret Organization)Ministries/Agencies have responsibility to Food Safety                      (Target Group)Senior executives, who are in charge of policy making and management of imported/exported food safety in competent ministries/agencies in their countries having a close trade relation with Japan.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.31.2008～Sep.13.2008</p>
<p>1.Lectures/Discussion                      (1)System of Japanese food safety administration                      (2)Principal situation in food safety inspection—Inspection of imported food at airports and sea ports, Inspection and guidance by local governments, Honour system by food business operator )                      (3)Future international Cooperation based on 1-(1).                      2.Observation of food safety administration by local governments                      3.Final Discussion Note                      Discussion on food safety administration of participating countries based on the lectures, discussion and observation                      Formulation of a summary report and its presentation.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Japan Food Hygiene Association</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	
	<p><b>REMARKS</b></p>	

# 3. Water Resources / Disaster Management

<b>Operating Management of Earthquake-Tsunami-Volcano Eruption Observation System</b> <b>地震津波火山観測システムの運用・管理</b>		GROUP 	0880035
		Water Resources/Disaster Management—Earthquake Disaster	
		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
[Objective] This program will upgrade the potential of experts in developing countries by improving earthquake observation technology and the understanding of earthquake generation mechanisms, thus contributing to the implementation of the observation network on earthquake and others. [Expected Results] 1) To understand the fundamental theories of Earthquake, Tsunami and Volcano eruption and principles of seismometer, observation system 2) To learn the field practices, the Tsunami early warning system and observation methods used in the case of emergency 3) To understand the international cooperation observation and joint observation in plate subduction zones 4) To improve participants' capacities to apply knowledge and techniques learnt in lectures and practices through their studies on individual topics, and to make Action Plans in order to solve problems in their respective countries	[Target Organizations] Meteorological offices, geographic observatories, seismic research institutes and universities, etc. in charge of earthquake, tsunami and volcano eruption observation [Target Group] 1) Mid-ranking officials in charge of observation, researchers or university staff 2) Individuals with good experience and basic knowledge of observation technology and analysis, 3) Individuals with a university-level qualifications to conduct self research by themselves 4) Individuals proficient in speaking and writing English		
CONTENTS	PROGRAM PERIOD	Jul.7.2008~Mar.31.2009	
The training program consists of lectures, practical exercises, and observation trips on the following: 1) An earthquake, tsunami and volcano eruption observation system 2) Principles of earthquake, tsunami and volcano eruption 3) Analysis of earthquake, tsunami and volcano eruption records 4) Crustal movement observation and its analysis 5) Real-time observation and its operation 6) Plate tectonics 7) Earthquakes and tsunamis in the plate subduction zone 8) Volcanic eruptions in the plate subduction zone 9) Earthquakes, tsunamis and volcanic eruptions as global disasters 10) Great disasters due to earthquakes, tsunamis and volcanic eruptions and their effects on people's lives 11) Others	IMPLEMENTING PARTNER	Nagoya University	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2006~2010	
	REMARKS	Countries located in the vicinity of a plate subduction belt or plate collision region are encouraged to participate in this program. This course is mainly based on individual research to find solutions for the problems in the respective countries.	

<b>Disaster Mitigation, Preparedness and Restoration for Infrastructure</b> <b>インフラ施設の自然災害に対する抑止・軽減対策及び復旧対策</b>		GROUP 	0880221
		Water Resources/Disaster Management—Comprehensive Disaster Management	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants in this training program will focus on the following 5 points to learn and utilize them in respective countries: 1. Disasters and their characteristics 2. Disaster prevention and restoration systems 3. Disaster prevention and mitigation methods 4. Disaster restoration methods 5. Infrastructure and disaster	(1) University graduates or with equivalent qualifications in infrastructure management, i.e. civil engineering, and with at least 3 years of experience in management, including administration of disaster mitigation (2) Officials of central or local government who hold, or will assume positions in charge of restoration works in the event of major disaster (3) Age: under 40 years old		
CONTENTS	PROGRAM PERIOD	May.12.2008~Jul.26.2008	
This program includes lectures and practices on (1) the outline of the great Hanshin earthquake (2) the mechanism of earthquake disaster (3) aseismatic technology (4) predicting earthquake (5) mechanisms of ordinary disasters in rivers and roads (6) a disaster prevention plan (7) a disaster-prevention-city plan (8) activities during the initial stage and rescue system (9) evacuation measures (10) protection of lifeline (11) communication during disasters (12) disaster prevention (13) disaster rescue method and its application (14) administrative work of reconstruction for restoration (15) making an action plan for prevention of disaster individually (disaster restoration plan) * Participants are required to make and present an action plan at the end of the program. * The contents of the program above will be subject to change according to the disaster types encountered by the Target Countries.	IMPLEMENTING PARTNER	Public Association for Construction Services, Kinki Region	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Non-Revenue Water Management 上水道無収水量管理対策		GROUP	0880229
Water Resources/Disaster Management—Comprehensive Water Resources Management			
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The objective is to learn waterworks maintenance and management activities and the system in Japan as well as developing the capacity to apply them in the participant's home country and duties.</p> <p>Through the program, participants are expected to:</p> <ol style="list-style-type: none"> <li>1. Acquire a comprehensive knowledge concerning various problems relating to non-revenue water</li> <li>2. Understand the operation of leakage detectors</li> <li>3. Understand the classification of leakage prevention works and diagnosis of the water distribution volume</li> <li>4. Understand leakage prevention planning</li> <li>5. Understand practical knowledge and techniques for planning, designing, construction and management of leakage prevention measures</li> </ol>	<p>[Target Organizations]</p> <ol style="list-style-type: none"> <li>1. Waterworks bureaus of local government, waterworks public corporations, administration bodies in charge of water resources</li> <li>2. Special organizations maintaining and managing waterworks systems</li> </ol> <p>[Target Group]</p> <ol style="list-style-type: none"> <li>1. Technology university graduates or equivalent professional qualifications in this field</li> <li>2. Individuals with at least 5 years of work experience in this field</li> <li>3. Individuals with a sufficient command of spoken and written English</li> </ol>		
CONTENTS	PROGRAM PERIOD	Oct.13.2008~Dec.6.2008	
<ol style="list-style-type: none"> <li>1. Outline of non-revenue water management</li> <li>2. Outline of waterworks facilities and leakage prevention</li> <li>3. Operation of leakage detectors</li> <li>4. Leakage detection</li> <li>5. Leakage prevention in the planning stage</li> <li>6. Leakage prevention in the design stage</li> <li>7. Leakage prevention in the construction stage</li> <li>8. Water meter, mapping management, measures for illegal use, water charges</li> <li>9. Measures in case of disaster</li> </ol>	IMPLEMENTING PARTNER	Nagoya Waterworks and Sewerage Bureau, Nagoya City	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2006~2010	
	REMARKS	<p>The applicant should prepare a Country Report when applying. "Non-revenue water" is not defined as illegally used water, thus the program provides opportunities to learn about leakage management technology.  <a href="http://www.water.city.nagoya.jp/english/">http://www.water.city.nagoya.jp/english/</a></p>	

Integrated Water Resources Management 統合の水資源管理		GROUP	0880839
Water Resources/Disaster Management—Comprehensive Water Resources Management			
Target Countries: Asia Monsoon Region (desert area are excluded)		14 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objective】</b>This course aims at helping the participants to acquire the capacity (1) to consider / implement the management plan with the concept of IWRM and (2) to coordinate among stakeholders.</p> <p><b>【Output】</b> By the end of the program, participants are expected to be able to:</p> <ol style="list-style-type: none"> <li>1) Understand the concept of Integrated Water Resources Management (IWRM) in Japan and be able to explain main functions (flood control, water demand management, environmental protection, stakeholder coordination and participation etc.) and their relations.</li> <li>2) consider the possible application in the respective country through learning the case of specific water resource management from the IWRM viewpoint (budget, technology, human resources, etc.)</li> <li>3) Formulate an Action Plan* for a water resources management in respective country based on the knowledge gained through 1) - 2)</li> </ol>	<p><b>【Target Organizations】</b> Administrative organization concerning with IWRM, which belongs to central/local government</p> <p><b>【Target Group】</b>  <ol style="list-style-type: none"> <li>(1) Univ. graduates or those with equivalent knowledge in WRM (Water Resources Management) and more than 15 years experience in the field (Age: 40-55 years old)</li> <li>(2) Senior officials who are directors or in higher positions</li> <li>(3) Individuals with decision-making powers for operating WRM</li> </ol> </p>		
CONTENTS	PROGRAM PERIOD	July.27.2008~Aug.9.2008	
<p>&lt;Preliminary Phase in home country&gt; Making a Job Description Report describing job outlines, the status of water resource management in particular basin.</p> <p>&lt;Core Phase in Japan&gt; The set of lectures, site visits and discussion session will be conducted. The main subjects are:</p> <ol style="list-style-type: none"> <li>1) Components and stakeholders of IWRM</li> <li>2) Case study on IWRM in Japan and other countries</li> <li>3) Action Plan Formulation and</li> <li>4) Formulation and presentation of an Action Plan</li> </ol> <p>&lt;Follow-up Phase&gt; Participants are expected to implement the Action Plan and report on progress within three (3) months after the end of the phases in Japan.</p>	IMPLEMENTING PARTNER	Japan Water Agency	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2004~2008	
	REMARKS	<p>This program is targeted for senior officials who are directors or in higher positions in the field of water resources management.</p>	

Integrated Water Resources and Environmental Management in Arid Regions 乾燥地における統合的水資源・環境管理		GROUP	0880851
Water Resources/Disaster Management—Comprehensive Water Resources Management		9 participants	English
Target Countries: Countries which has arid or semi-arid regions			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The capabilities for planning and policy making of water resources development and environmental management will be enhanced. To reach the objective, the participants are expected: (1) To understand the basic theory of hydrologic system, aquatic eco-system and integrated water resources development and management, (2) To understand the new concept of "SHIMANTO" which comprises the initiatives of 1) low capital investment, 2) simple and low cost operation and maintenance, 3) less energy requirement, 4) eco-system approach to reduce-reuse-recycle for zero-emission, and 5) capacity building for community based management through environment education initiatives of rural development in semi-arid regions, (3) To acquire the methodologies of water resources and environmental management through project case studies, (4) To acquire project planning and evaluation methods, (5) To consider applicability of the "SHIMANTO" concept in respective countries and propose action plans.	Target Group: (1) Technical officers engaged in planning and policy making of water resources development and environmental management in central or local government bodies with over 5 years of practical and/or survey/research experience (2) University graduates or equivalent		
CONTENTS	PROGRAM PERIOD	May.13.2008~Sep.13.2008	
Preparatory phase: Country Report including the outline of water resources development and environment management is prepared. Curriculum in Japan: (1) Outline of the development policy in water resources sector, (2) Hydrologic system and watershed management, (3) Groundwater resources development, (4) Aquatic eco-system management and bio-manipulation, (5) Regional/urban environmental management and planning, (6) Sewage and waste water treatment, (7) Water supply system and water quality management, (8) Planning and evaluation of model project, (9) Country Report presentation, final report presentation (Project Proposal)	IMPLEMENTING PARTNER	Muroran Institute of Technology	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Countries which have arid or semi-arid regions (The annual rainfall is less than 250mm) are targeted.	

Seismology, Earthquake Engineering and Disaster Mitigation 地震・耐震・防災工学		GROUP	0880875
Water Resources/Disaster Management—Earthquake Disaster		13 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
To train personnel who have acquired advanced technologies and knowledge in the field of seismology and earthquake engineering and who are able to establish, utilize and disseminate earthquake disaster mitigation technologies applicable to their respective countries and/or regions in consideration of their actual conditions, regulations and institutions.  Participants are expected to achieve the following: (1) Understand fundamental theories of seismology and earthquake engineering (2) Acquire applied techniques of seismology and earthquake engineering (3) Acquire techniques and knowledge for earthquake disaster mitigation (4) Understand policies for earthquake disaster mitigation (5) Improve participants' capacities to apply the techniques and knowledge learnt in lectures and practical exercises through their studies on individual topics. Action plans to solve problems in their respective countries.	Organs in the field of seismology and earthquake engineering (1) be university graduates in Seismology, Earthquake Engineering, Seismic Disaster Mitigation, or in other Science and Technology subjects with professional experience more than three years in the field of Seismology, Earthquake Engineering or Seismic Disaster Mitigation (2) be well versed in advanced mathematics such as differentiation and integration, partial derivatives, differential equations, matrix, vector algebra, Fourier analysis, etc. (3) be able to write research reports on the individual study in English		
CONTENTS	PROGRAM PERIOD	Sep.29.2008~Sep.19.2009	
Participants will be divided into two groups. During the first 8 months they have lectures, discussions, exercises and site trips, followed by individual studies for 3.5 months.  (1) Fundamental theory of seismology and earthquake engineering (2) Applied technology of seismology and earthquake engineering (3) Seismic hazard risk evaluation (4) Policy of earthquake disaster mitigation (5) Individual study	IMPLEMENTING PARTNER	BUILDING RESEARCH INSTITUTE	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Upon achieving the required credits, the participants will be awarded a Master's Degree in "Disaster Mitigation" by the National Graduate Institute for Policy Studies (GRIPS).	





<b>Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide</b> <b>火山学・総合土砂災害対策</b>		GROUP	0880876
Target Countries : Indonesia, Philippines, Peru, Ecuador, Venezuela		5 participants	English
<b>OBJECTIVE</b> Participants of this course are expected to improve their capacity on volcanic observation or comprehensive sediment management skills and be able to contribute to the disaster prevention/mitigation efforts of their countries. This course consists of 3 components, i.e. Common Program, Thematic Program (Volcanology or Sabo) and Individual Program. The key component of this Course is the Individual Program. Each participant will conduct 2.5/4 months individual training/research at University, Volcano Observatory, Institution or Foundation based on interests of the participating personnel and their organization. The theme of the Individual Program will be set by the Curriculum Committee, according to the Needs Clarification Form. As a result of Individual training/research, each participant will be required to make a final report and present to the Curriculum Committee members. The Curriculum Committee will evaluate the results.		<b>TARGET ORGANIZATION / GROUP</b> [Target Organizations] Organizations involved in volcanic and/or sediment-related disaster prevention/mitigation activities.  [Target Groups] Engineers/Researchers who are engaged in Volcanic Observation or Engineers who are engaged in Sediment-related Disaster Prevention (Sabo Works)	
<b>CONTENTS</b> <b>【COMMON PROGRAM】</b> (1) Common knowledge of volcanology and erosion & sediment control engineering (2) Disaster management Admin. in consideration of inhabitants' participation <b>【THEMATIC PROGRAM (VOLCANOLOGY)】</b> (1) Latest geophysical and geological concept of volcanology (2) Theories of volcanic earthquakes, geodesy, geoelectromagnetism, geothermics, and geochemistry (3) Be able to carry out volcano observation, data analysis and interpretation <b>【THEMATIC PROGRAM (SABO)】</b> (1) Basic knowledge of erosion and sediment control engineering (2) Basic mechanism of sediment-related disasters such as debris flow (3) Comprehensive sediment-related disaster prevention measures, structural and non-structural measures (4) Environmentally-sound comprehensive sediment management <b>【INDIVIDUAL PROGRAM】</b> (1) Make a final report as a result of individual training/ research		<b>PROGRAM PERIOD</b> Mar.22.2009~Sep.24.2009	
		<b>IMPLEMENTING PARTNER</b> Sabo Department, River Bureau, MLIT	
		<b>JICA CENTER</b> JICA Tokyo	
		<b>COOPERATION PERIOD</b> 2004~2008	
		<b>REMARKS</b> • Countries with volcanoes or frequent sediment disasters should desirably attend this program. • Presentation on TV meeting before departure to Japan  (Reference) <a href="http://www.sabo-int.org/ite/index.html">http://www.sabo-int.org/ite/index.html</a>	

<b>Global Seismological Observation</b> <b>グローバル地震観測</b>		GROUP	0880887
Water Resources/Disaster Management—Earthquake Disaster		10 participants	English
<b>OBJECTIVE</b> [Objective] Participants will be able to play important roles (global seismological observation, data analysis and report) in the monitoring system for nuclear tests. To achieve the above mentioned objective, participants are expected to produce the following outputs; (1) To Acquire knowledge of the the Comprehensive Nuclear-Test-Ban Treaty (CTBT) regime and the role of seismology in the International Monitoring System (IMS). (2) To Understand global seismological observation technologies for monitoring nuclear tests and earthquakes. (3) To acquire data analytical techniques to discriminate nuclear tests from natural earthquakes. (4) To make the Action Plans (Project Proposal), which they should do in their country after a homecoming.		<b>TARGET ORGANIZATION / GROUP</b> <b>【Target Organization】</b> Seismological, Geophysical and/or Meteorological Section of the Central Government, etc. <b>【Target Group】</b> (1) University graduates or the equivalent, with professional experience of more than three (3) years in the field of seismology (2) To be well versed in basic mathematics such as differentiation and integration (3) To be under thirty-five (35) years of age (4) To be proficient in spoken and written English	
<b>CONTENTS</b> This program consists of lectures, practical exercises and field studies. The subjects are as follows: (1) Introduction of the CTBT regime concerning seismology, (2) Characteristics and progress status of the international monitoring system of the CTBTO, (3) Instrumentation and observation, (4) Introduction to UNI, (5) Data processing, (6) Analysis of teleseismic waves, (7) Seismicity and tectonics, (8) Source mechanism, (9) Hypocenter location, (10) Seismic array data analysis, (11) Observation and practice of seismic array, (12) Discrimination by mb-Ms, (13) Discrimination by short-period seismograms, (14) General discrimination technique, (15) Installation of LINUX and SAC		<b>PROGRAM PERIOD</b> Jan.7.2009~Mar.7.2009	
		<b>IMPLEMENTING PARTNER</b> Ministry of Foreign Affairs, Building Research Institute	
		<b>JICA CENTER</b> JICA Tsukuba	
		<b>COOPERATION PERIOD</b> 2004~2008	
		<b>REMARKS</b>	

Irrigation Water Resources in Arid & Semi-Arid Region and E.I.A for Sustainable Development 乾燥地水資源の開発と環境評価		GROUP	0880890
Water Resources / Disaster Management—Water Resources / Disaster Management Agricultural/Rural Development—Agricultural Development		11 participants / English	
Target Countries: arid and semi-arid regions where annual rainfall is less than 500mm			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 the core engineers engaged in the development of water resources in developing countries situated in arid and semi-arid regions develop the practical capabilities through the good command of technical know-how combined with the thorough understanding of the basic knowledge required for the present-day development to which due environmental consideration must be given</p> <p>【Outputs】 Unit 1: Learn how to design water facilities Unit 2: Learn soil, water and crop management methods suitable for arid area Unit 3: Acquire knowledge and techniques of remote sensing and GIS. Unit 4: Learn nature of ground water and its utilization technology Unit 5: Acquire basic techniques to improve business management of farmers, who are the beneficiaries of water resource development, and to analyze food policy. Unit 6: Learn planning of a development project for the sustainable progress and acquire implementation skills of environmental impact assessment (E.I.A.)</p>	<p>【Target Organizations】 Department which deals with development irrigation water resource in the local/national government</p> <p>【Target Group】 • Those who have got involved in the development of irrigation water in arid and semi-arid regions • Those who have practical job experiences of over two (2) to ten (10) years in the above field; • Those who have the knowledge of the water utilization; • Those who have university/college graduates or those with equivalent academic backgrounds</p>		
CONTENTS	PROGRAM PERIOD	Jul.8.2008 ~ Nov.16.2008	
<p>(1) Water Storage and Supply Facilities ••Groundwater” (2) Field Water and Soil Management ••Farm Management and Food Polic” (3) Applied Technology of Remote Sensing / Preservation of Greens•Evaluation of Salinized Soil, Water and Crop (4) Sustainable Development and E.I.A.</p>	IMPLEMENTING PARTNER	Tottori University	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2008~2008	
	REMARKS		

Mitigation Strategy for Urban Earthquake Disaster 都市地震災害軽減のための総合戦略		GROUP	0880892
Water Resources/Disaster Management—Comprehensive Disaster Management Health—Health System		12 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 This program aims to understand comprehensive strategy for urban earthquake disaster risk reduction (DRR) in seismically hazardous countries. After learning the strategy, the participants should be able to propose the action plans for urban earthquake DRR that are suitable and required in their countries based on the individual country situations.</p> <p>【Outputs】 The participants is expected to understand the following three approaches of the strategy; 1) Risk assessment techniques needed prior to the earthquake 2) Risk management techniques required during and after the event 3) Risk communication techniques to be provided before and after the event</p>	<p>【Target Organizations】 Organizations related to urban earthquake disaster risk reduction (DRR) for large cities in seismic hazardous country</p> <p>【Target Group】 (1) Current Duties: be a public officers, technical specialists, researchers, engineers or medical staffs who is presently engaged in urban earthquake disaster risk reduction (DRR) for large cities (2) Experience in the relevant field: With more than 2 years of work experience (3) Language: have a competent command of spoken and written English</p>		
CONTENTS	PROGRAM PERIOD	Sep.29.2008~Nov.22.2008	
<p>In this program, the following subjects will be taught by and discussed with Japanese and international experts on the subject: 1) Introduction of a comprehensive strategy for earthquake mitigation for mega-cities in seismically hazardous countries 2) Learn about risk assessment techniques such as preparing earthquake hazard maps needed prior to the earthquake event 3) Learn about risk management techniques such as emergency responses required during and after the event 4) Learn about risk communication techniques such as disaster information sharing and disaster preparedness to be provided before and after the event. This program is strongly supported by an international NGO of EMI (Earthquake Mega-cities Initiatives) to develop implementation schemes for earthquake disaster mitigation at each mega-city by considering the available social and technical conditions of each country.</p>	IMPLEMENTING PARTNER	KOBE UNIVERSITY	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2004~2008	
	REMARKS		

Engineering on Water Supply Systems 上水道施設技術		GROUP 	0880944
		Water Resources/Disaster Management—Urban Water Supply	
		17 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】This course aims at developing capacity of engineers who take leadership roles in the planning and design of water supply systems or operation and maintenance of water supply. Particular focus shall be given to the planning skill of water supply systems.</p> <p>【Outcomes】 Through the training course, participants are expected:</p> <ol style="list-style-type: none"> <li>1) To gain the skill of basic planning and design for water supply systems,</li> <li>2) To acquire comprehensive knowledge on water supply systems, which is required for planning, operation and maintenance,</li> <li>3) To understand systems for waterworks and functions and roles of related organizations,</li> <li>4) To formulate an Action Plan based on 1)~3) for improving water supply planning or design in their own countries</li> </ol>	<p>【Target Organizations】 Departments responsible for water supply planning or designing under water supply utility, national or local government (excluding mechanical and electric departments)</p> <p>【Target Groups】 (1) Individuals presently in a management position or senior engineers with currently or expected to be engaged in the formulation of waterworks plan, (2) Engineers with more than 5 years of experience in water supply systems (3) University graduates from the faculty of engineering such as civil, sanitary, environmental, or with equivalent academic background</p>		
CONTENTS	PROGRAM PERIOD	May.20.2008~Aug.6.2008	
<p>&lt;Preliminary phase&gt; Making a Country Report describing job outlines, problems of water utilities and the status of their service. After receiving acceptance notice, participants make the 1st version of Action Plan.</p> <p>&lt;Core Phase in Japan&gt; Lectures, field visits, discussion, practice and presentation in the following subjects:</p> <ol style="list-style-type: none"> <li>1) Planning and design for water supply systems</li> <li>2) Outline of water supply systems</li> </ol> <p>Water Resources, Intake facility of Surface Water, Water Purification Technology, Water Quality Control, Pumping Facility, Layout of Water Distribution Facilities, Construction of Water Supply and Distribution Facilities, Water Distribution Management, Water Leakage Reduction</p> <ol style="list-style-type: none"> <li>3) Systems for waterworks and organizations concerned</li> <li>4) Formulation of an Action Plan (2nd and Final version)</li> </ol>	IMPLEMENTING PARTNER	JAPAN WATER WORKS ASSOC.	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This program targets officers of water utilities. Those with no working experience at water utilities, such as researchers or administrative officers in the ministries, may not be suited for the program.	

Development and utilization of mitigative technologies for slope-induced disasters in developing countries (Master's or Doctor's Degree: Engineering) 開発途上国のための斜面災害軽減技術の構築と普及(長期)		L/T 	0881113
		Water Resources/Disaster Management—Soil and Water Disaster	
Target Countries: Countries where countermeasures against the slope failure is needed.		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Trainees complete course-work requirements, with an emphasis on geotechnical engineering, and carry out research which proposes technology and social systems that facilitate such self defense as mitigation of slope-failure disasters. Accordingly, the trainees become able to push forward the said disaster mitigation framework after coming back to home countries.</p> <p>【Outputs】 (1) Course work on subjects such as geotechnical engineering (2) Case study on real slope failure (3) Research work on slope failure by model tests or material strength tests (4) Study on practical self defense against natural disaster, conducted in trainee's home country</p>	<p>【Target Organizations】 University or public research institute which develop young researchers and/or engineers and also are involved in disaster administration in the country</p> <p>【Target Group】 Age: under 30 years old. Application for Master's or Doctor's can be acceptable.</p>		
CONTENTS	PROGRAM PERIOD	Mar.15.2009~Mar.14.2011	
<p>(1) Foundation Engineering, Principles of Soil Mechanics, Geotechnical Engineering, Geotechnical Earthquake Engineering etc. (2) Case study on real slope failure with special attention on topography and soil conditions. Laboratory tests, if necessary, on soil samples collected from sites. Case study on real slope failure, assisted by specialists, gives the trainee a good opportunity to learn the reality of slope failure and to develop a professional capabilities. (3) Model tests and/or material tests are carried out in order to propose the use of inexpensive field monitoring equipments as well as logics of warning of urgent slope failure. The output from this work constitutes the main body of a master (doctoral) thesis. (4) The self defense against natural disaster is the final goal of the program. The self defense is supported by local people in such aspects as installation, maintenance, and operation of field monitoring equipments as well as execution of emergency warning and evacuation. This study also becomes a part of thesis.</p>	IMPLEMENTING PARTNER	Department of Civil Engineering, The University of Tokyo	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Target Countries: Central Asia; Kazafstan, Tajikistan, Uzbekistan, and Kirgiztan

12 participants / Russian

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      1. Participants from different countries will share their experiences in tackling their common problems with a limited budget, i.e. the management of complicated waterworks facilities constructed under the former Soviet Union.                      2. Participants will gain a significant understanding of their problem in management and technical aspects and will prepare and present a Study Report to improve their waterworks management.</p> <p><b>【Outputs】</b>                      1. Gain knowledge about the management of the water supply system in Japanese local cities, by studying the case of Yokohama City                      2. Enhance general waterworks techniques                      3. Through the above, find the keys to solve the problems on water supply systems in participants' country</p>	<p><b>【Target Organizations】</b>Waterworks Utilities at Small and Medium Scale Cities in the following areas;                      Kazakhstan: North Kazakhstan Province and Akmora Province                      Tajikistan: Dushanbe and Khatlon Oblast                      Uzbekistan: Tashkent Province, Fergana Province, and the Republic of Karakalpakstan                      Kyrgyz: Issik-Kul Province and Osh Province  <b>【Target Group】</b>                      Water treatment engineers of the target organizations.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.1.2009～Feb.28.2009</p>
<p>This year, the curriculum is mainly focused on technical matters (No. 3 of the below), and in general the curriculum covers the followings;                      1. Lectures; Management of Yokohama waterworks bureau (Japan's waterworks services, water rights, water resource and water quality control in Yokohama City, and the management of sewage)                      2. Lectures; Planning, operation, and administration of Yokohama waterworks bureau (tariff, operation, and human resource development)                      3. Lectures; Waterworks Techniques of Yokohama waterworks bureau (control of water purification plant, water purification, water quality control, water distribution control, and water leakage control)                      4. Observations; Waterworks facilities, construction place, and sewage plant in Yokohama City and others                      5. Presentations; Country report at the first stage of the course and Study Report at the final stage of the course</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Yokohama Waterworks Bureau</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Yokohama</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2006～2010</p>
	<p><b>REMARKS</b></p>	<p>A maximum of three per country will be able to participate in the course. The target group shall be as follows:                      2008: Water treatment engineers                      2009: Water distribution engineers                      2010: Water quality control engineers</p>

Target Countries: Central Asia and Caucasus

11 participants / Russian

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Participants are expected to understand the present situation and issues in his/her country before participating in the program, and to draft a plan to improve the system of disaster prevention in his/her organization at the end of the program.</p> <p><b>【Outputs】</b>                      (1) To clarify the present situation and issues of disaster prevention in his/her country                      (2) To understand government's policies and measures for disaster prevention                      (3) To understand response to disaster and collaboration of related organizations                      (4) To draft action plans, which includes regional cooperation</p>	<p><b>【Target Organization】</b>                      Ministries or departments in charge of disaster prevention  <b>【Target Group】</b>                      - Administrative officials of central or regional governments in charge of disaster prevention ( Engineering officials, scientific officials and researchers are NOT expected as a part of the target group)                      - Experience of more than 2 years in the field of disaster prevention is required                      - Be able to submit the report about post-training activities in 6 months after returning to their home countries.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.7.2008～Aug.9.2008</p>
<p>Basic concept of disaster prevention,                      Measures taken for earthquakes,                      Measures taken for sediment disasters,                      Disaster prevention management of Japanese central government,                      Disaster prevention management of Hyogo Prefecture,                      Lessons learned in the Great Hanshin-Awaji Earthquake,                      Observation of disaster drills,                      Role of mass media in disasters,                      Disaster prevention in enterprises,                      Disaster prevention in lifelines (electricity and gas),                      Workshop for formulating action plans, and                      Presentation of action plans to improve the system of disaster prevention.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Asian Disaster Reduction Center</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p><b>REMARKS</b></p>	

<b>Management of Medical Service in Disaster for Andean countries</b> <b>アンデス地域災害医療マネージメント</b>		R/F	0884118
Target Countries: Andean countries		11 participants	Spanish
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
<b>【Objective】</b> The objective of this course is to formulate action plan on improving the management system integrated both administration and medical services in disasters  <b>【Outputs】</b> To achieve above objective, participants expected to understand the following; (1) Policies and measures on disaster prevention of Japanese government and Hyogo prefecture (2) Coordination between administration and medical services at the time of disaster (3) Disaster medicine (4) Disaster prevention in community and region	<b>【Target Organizations】</b> Organizations related to disaster medical care or emergency medicine <b>【Target Group】</b> - Officials in charge of disaster medical care in central or regional governments - Medical staff of emergency medical facilities such as doctors, nurses, paramedics, who are engaged in disaster medical care. - More than 2 years of work experience in the field of disaster medical care is required. - Be able to disseminate knowledge, experiences and techniques acquired from this training course after returning to their home countries		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.13.2008~Nov.29.2008	
Disaster prevention in Japan and in Hyogo Prefecture, coordination between administration and medical services in disasters, response to disaster, disaster prevention in regions and drafting of action plans to improve management system between administration and medical services in disasters.  This will include: Disaster prevention in Japan and in Hyogo Prefecture, emergency medical care in Japan, health care services in Japan, lessons learned at Great Hanshin-Awaji Earthquake, coordination between administration and medical services in disasters, role of Hyogo Emergency Medical Center, disaster nursing, development of community, health care services in disasters, observation of disaster drills, discussions with related organizations, observation trips to other areas in disaster, and workshop for formulation of action plans.	<b>IMPLEMENTING PARTNER</b>	Hyogo Emergency Medical Center	
	<b>JICA CENTER</b>	JICA Hyogo	
	<b>COOPERATION PERIOD</b>	2007~2009	
	<b>REMARKS</b>		

<b>Control de Desastres</b> <b>中米防災対策</b>		R/F	0884133
Target Countries: Central America		13 participants	Spanish
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
The objective of the course is to develop awareness of disaster prevention and to promote disaster reduction management by cooperation between various organizations involved in disaster prevention - central government, local governments, research institutes and civic organizations. Especially, to develop capability of central and local governments to respond to disasters is aimed in this course.	<b>【Target Organizations】</b> Ministries or departments in charge of disaster prevention  <b>【Target Group】</b> 1. Officials who are in charge of disaster prevention in the central or local government (it is expected that 1 participant from central government and 1 from local government will participate for each country) 2. University degree and/or 2 or more years of work experience as a governmental official in the field of disaster prevention 3. Age: 26-50 years old		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Nov.3.2008~Dec.6.2008	
<b>【Third Country Phase before arriving in Japan】</b> Pre-course will be held by ex-participant of this course, CEPREDENAC etc. (1) Objective, activity and outcome of the course in Japan (2) Role and activity of CEPREDENAC (3) Sharing of the present situation of each country (4) PCM method and problem analysis <b>【Core Phase in Japan】</b> (1) Planning method and examples of social development which consider mitigation of risk from natural disaster (2) Systematization of information on natural phenomenon and its dissemination (3) Coordination between government, citizens, community and research institute, especially coordination between central and local governments (4) The way of raising public awareness of disaster prevention in community by education and training (5) Transfer of technical and scientific information to the public and the importance of mass media	<b>IMPLEMENTING PARTNER</b>	Disaster Reduction and Human Renovation Institution	
	<b>JICA CENTER</b>	JICA Hyogo	
	<b>COOPERATION PERIOD</b>	2005~2009	
	<b>REMARKS</b>		

Target Countries: Asian countries often affected by natural disasters

10 participants /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b> To develop action plans for mental health care services after disaster in each country</p> <p><b>【Outputs】</b> To achieve above objective, participants is expected to understand the following issues;                      (1) Traumatic stress                      (2) The current state of post-disaster mental health care services                      (3) Methods for evaluating traumatic stress                      (4) The effects which actual situations can have on aid workers and how to take care of them                      (5) Intervention and therapy for victims</p>	<p><b>【Target Organizations】</b> Organizations playing an important role in public health activities at community level.</p> <p><b>【Target Group】</b> Doctors, psychiatrists, clinical psychologists, nurses and hygienists who play an important role in public health activities at community level.  More than 3 years of work experience in the field of disaster prevention is required.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p> <p>(1) Traumatic Stress Traumatic stress and PTSD, psychological effects of disaster, grief and its pathology and long-term effects (secondary symptoms)                      (2) Situation of Mental Health Services for Disasters Hanshin-Awaji Earthquake and correlations to general medical care                      (3) How to Evaluate Traumatic Stress Clinical diagnosis, structured interviews and self-rating depression scale, screening methods for local health care                      (4) Effects of Disaster Situations on Aid Workers and Associated Care Critical incident stress, secondary traumatic stress and methods of self-care                      (5) Actual State of Intervention and Therapy for Victims Early intervention, children and disasters, long term intervention at schools, therapy and intervention methods for PTSD, intervention methods, therapy methods and cognitive behavioral therapy</p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.24.2009～Mar.9.2009</p>
	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hyogo Institute for Traumatic Stress</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p><b>REMARKS</b></p>	

Target Countries: Caucasus, Mongolia, and Central Asia

4 participants /

Russian

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to obtain knowledge and technology of waterworks including water resources, design, facilities, water treatment, leak prevention and water management to ensure the supply of safe drinking water to people. Upon successful completion, following outputs will be expected;                      (1) To deepen the understanding of plan of waterworks (water resources, water demand, water supply system, etc.),                      (2) To deepen the understanding on management of waterworks (financial system/water charge),                      (3) To acquire the knowledge on basic/advanced water treatment methods                      (4) To obtain basic knowledge and practical skills on water leaks prevention                      (5) To be able to propose action plans for appropriate management of waterworks engineering in respective countries.</p>	<p>(1) Nominated by government in accordance with proper procedures                      (2) Managers or directors who supervise technical department/division/section of a public enterprise or local body which provides water supply services                      (3) More than 3 years of practical experience                      (4) Proficient in spoken and written Russian                      (5) In good health, both physically and mentally, to undergo the course of training.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p> <p>&lt;Preparatory phase&gt; Participant should prepare a "Country Report" which describe the present situation and problems related to waterworks engineering.                      &lt;In Japan&gt;                      (1) Outline of water supplies                      (2) Plan of waterworks (water resources, water demand, water supply system)                      (3) Water treatment (outline and process control)                      (4) Plan and maintenance of transmission and distribution facilities, and distribution pipes                      (5) Water quality control                      (6) Management of waterworks (financial system, water charge)                      (7) Water leak prevention                      (8) Service installation                      (9) Advanced water treatment                      (10) Country Report and action plan presentation</p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jan.14.2009～Mar.11.2009</p>
	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Waterworks Bureau, City of Sapporo</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Sapporo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005～2009</p>
	<p><b>REMARKS</b></p>	

Tsunami Disaster Mitigation for Asian Countries アジア地域 津波防災		R/F	0884165
Water Resources/Disaster Management—Earthquake Disaster			
Target Countries : Asia		4 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The course objective involves nurturing personnel who have acquired advanced technologies and knowledge in the fields of tsunami and who are able to establish, utilize and disseminate tsunami disaster mitigation technologies applicable to their respective countries and/or regions based on consideration of their actual conditions, regulations and institutions.</p> <p>Participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>(1) Understand the fundamental theories of seismology and tsunami</li> <li>(2) Acquire applied techniques of seismology and tsunami</li> <li>(3) Acquire techniques and knowledge for tsunami disaster mitigation</li> <li>(4) Understand policies for tsunami disaster mitigation</li> <li>(5) Improve their capacities to apply the techniques and knowledge learnt in lectures and practical exercises through their studies on individual topics. Action plans to solve problems in their respective countries.</li> </ol>	<ol style="list-style-type: none"> <li>1) University graduates in Seismology, Tsunami or their Disaster Mitigation, or university graduates in Science and Technology other than the above mentioned subjects with three or more years of professional experience in the fields of Seismology, Tsunami or their Disaster Mitigation</li> <li>2) Individuals well-versed in advanced mathematics, such as differentiation and integration, partial derivatives, different equations, matrix, vector algebra, Fourier analysis, etc.</li> <li>3) Individuals able to write research reports on individual study in English</li> </ol>		
CONTENTS	PROGRAM PERIOD	Sep.29.2008~Sep.19.2009	
<p>During the first 8 months they have lectures, discussions, exercises and site trips, followed by individual studies for 3.5 months.</p> <ol style="list-style-type: none"> <li>(1) Basic subjects related to Earthquake, Tsunami and Disasters</li> <li>(2) Advanced subjects related to Earthquake, Tsunami and Disasters</li> <li>(3) Tsunami Hazards and Risk Assessment</li> <li>(4) Earthquake and Tsunami Disaster Mitigation Policy</li> <li>(5) Individual Study</li> </ol>	IMPLEMENTING PARTNER	BUILDING RESEARCH INSTITUTE (GRIPS)	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2006~2008	
	REMARKS	Upon achieving the required credits, the participants will be awarded a Master's Degree in "Disaster Mitigation" by the National Graduate Institute for Policy Studies (GRIPS).	

Management of Urban Water System for Southeast European Countries 南東欧地域 都市上下水道事業管理		R/F	0884184
Water Resources/Disaster Management—Comprehensive Water Resources Management			
Target Countries : Southeast Europe		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This course is designed to identify appropriate Urban Water management methods/techniques to each country's situation by learning those in Japan. Upon successful completion, following outputs are expected:</p> <ol style="list-style-type: none"> <li>(1) To grasp the overview of urban water service in Japan.</li> <li>(2) To understand financial management of urban water service.</li> <li>(3) To understand of water treatment systems and water quality control.</li> <li>(4) To understand maintenance of urban water service facilities.</li> <li>(5) Propose action plans to improve each countries urban water system</li> </ol>	<p><b>【Target Group】</b></p> <ol style="list-style-type: none"> <li>(1) Be nominated by each government in accordance with the proper procedures</li> <li>(2) Either staff members of public water corporations or local government officers in charge of financial and/or operation management of water service</li> <li>(3) At least 3 years of practical experience in water service</li> <li>(4) Proficient in spoken and written English</li> <li>(5) Individuals in good health, both physically and mentally</li> </ol>		
CONTENTS	PROGRAM PERIOD	Jul.1.2008~Aug.2.2008	
<p>&lt;Preparatory Phase&gt; By preparing Job Report, address current situation of urban water system in each country and expectation for the course. &lt;Curriculum in Japan&gt; -Lectures: Water supply and sewerage administration in Japan, Water supply and sewerage systems in Sapporo, Financial management system for water service, Collection of water charges from users, Water service facilities in watershed, Planning and designing of water and sewerage facilities, Process management at water and wastewater treatment facilities, Water quality control, Water purification by membrane, Maintenance of physical structures, Water conveyance and distribution system in Sapporo, Maintenance of pipe networks, -Practices: Financial management system for water service, Maintenance of physical structures, Water leak prevention, Project Cycle Management -Presentation: Job report presentation, Final report presentation, Action plan presentation</p>	IMPLEMENTING PARTNER	Hokkaido University	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2006~2008	
	REMARKS		

Target Countries: Southeast Europe

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
The objective of this program is to help participants formulate improvement plans for disaster management in each participant's organization based on total disaster risk management through general understanding of the disaster management systems of central and local governments of Japan against various kinds of disasters.	Officials currently responsible for natural disaster management: especially those who are involved in disaster prevention, mitigation preparedness, response, rehabilitation and reconstruction either in central or local level government.	
CONTENTS	PROGRAM PERIOD	Jan.17.2009~Feb.28.2009
An action plan for improving the participant's organization is to be submitted after undergoing training on the following: (1) Policy formation, enforcement and implementation of disaster countermeasures in Japan (2) International cooperation for natural disaster prevention and reduction (3) Implementation of disaster countermeasures of local government in Japan (4) Project Cycle Management Workshop	IMPLEMENTING PARTNER	Asian Disaster Reduction Center
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2006~2008
	REMARKS	Expected number of participants per country: 1-2

Target Countries: Countries often affected by natural disasters

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The participants will create specific action plans for reconstruction from disasters in their countries from the view point of "social capital".</p> <p><b>【Outputs】</b> (1) To understand the issues (disaster emergency response, recovery, and reconstruction) that arose in the time sequence after disasters. (2) To understand the PDCA (Plan, Do, Check, and Act for improvement) Cycle in efforts for reconstruction. (3) To understand the importance of the concept of "social capital" from the experience of role sharing among residents, business operators, and administrative bodies in efforts to solve the problems. (4) To understand new viewpoints (efforts of individuals and communities, infrastructure development, and crisis-control structure) to develop safe towns. (5) To create action plans for reconstruction from disasters in their countries.</p>	<p><b>【Target Organizations】</b> Authorities related to reconstruction from disasters in countries where natural disasters frequently occur</p> <p><b>【Target Group】</b> - Decision makers on-site for reconstruction from disasters - Minimum three years work experience in the corresponding field</p>	
CONTENTS	PROGRAM PERIOD	Jan.12.2009~Mar.7.2009
(1) Outline of the Great Hanshin-Awaji Earthquake, Time sequence from the period of disaster emergency response to that of recovery/reconstruction Visit to an earthquake museum, etc., Study on other disaster damage cases, and Outline of natural disasters in participants' countries (2) Reconstruction plan, Promotion of reconstruction plan, Responses to the issues at each period from the time of disaster emergency response to that of recovery/reconstruction and evaluations, Case examples in public utility services including electricity, gas, and telephone, and Recovery and reconstruction plan in the participants' countries (3) Significance of social capital, Case examples of "mutual help" by enterprises, NGOs, volunteers, and local communities, Redevelopment projects (readjustment of town lots) and residents, and Mutual help in the participants' countries (4) Development of safe towns, Creation of safe cities in the participants' countries (5) Session to exchange views between the City employees and the participants	IMPLEMENTING PARTNER	Kobe Institute of Urban Research, Kobe International Center for Corporation and Communication
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2007~2009
	REMARKS	



Integrated Arsenic Mitigation for Asian countries アジア地域総合的砒素汚染対策		R/F	0884223
Target Countries : Asia		6 participants	English
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
<p>This program aims to become able to set basic policy strategies for integrated arsenic contamination measures through:</p> <p>(1)To understand the severity of the damage through understanding the experiences of arsenic damage gone through by Tokuro,</p> <p>(2)To gain a basic knowledge of arsenic through acquiring knowledge of chemical arsenic analysis techniques,</p> <p>(3)To understand the environmental pollution and health damage caused by arsenic contamination in your country through lectures on the projects carried out by the Asia Arsenic Network,</p> <p>(4)To propose a basic strategy for integrated arsenic contamination measures in your own country based on the knowledge gained in this training course.</p>	<p><b>【Target Organizations】</b> Organizations (Governmental/NGO) responsible for arsenic mitigation</p> <p><b>【Target Group】</b> (1) Specialists (doctors, engineers, chemists) who presently work in arsenic mitigation, with more than 3 years of experience (2) (Preferably) under the age of 45</p>		
	<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.20.2008~Dec.12.2008
<p>This course consists of lectures, practice, field visits, group discussion and report presentations regarding the following subjects:</p> <p>(1) Patient relief by trail, Role of document, History of Minamata disease</p> <p>(2)Arsenic Contamination of Groundwater, Chemistry of Arsenic, Arsenic and Microbes, Arsenic Analysis I</p> <p>(3)Safe Water Supply, Project on enhancement and citizen participation, etc.</p> <p>(4)Job report presentation, Action Plan presentation</p>	<b>IMPLEMENTING PARTNER</b>	Asia Arsenic Network	
	<b>JICA CENTER</b>	JICA Kyushu	
	<b>COOPERATION PERIOD</b>	2007~2009	
	<b>REMARKS</b>	Expected number of participants per country : 1 - 2	

Integrated Water Resources Management for Middle East 中東地域統合的水資源管理		R/F	0884233
Target Countries : Middle East		9 participants	English
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
<p><b>【Objective】</b>&lt;Under Planning&gt;This course aims at developing capacity of participants This course aims at enhancing technical capabilities of participants and helping them develop action plans for promotion of IWRM.</p> <p><b>【Outputs】</b>&lt;Under Planning&gt;</p> <p>(1)To understand and be able to explain the concept of IWRM</p> <p>(2)To understand and be able to explain the method of monitoring, evaluation and analysis on hydrological and demand-supply balance as well as IWRM planning and implementation</p> <p>(3)To understand and be able to explain the planning and implementation methodology for water resources development, efficient utilization in equity an IWRM</p> <p>(4)To understand causes of water conflicts among sectors, among up-and-downstream basins, and among regions, and to explore a clue for the solution (conflict management)</p>	<p><b>【Target Organizations】</b> Ministry of Water (Irrigation)</p> <p><b>【Target Group】</b> 1. Engineers and/or officers in charge of river/water resources management/administration</p>		
	<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Mar.30.2009~April.22.2009
<p>&lt;Preliminary phase&gt; Making a Country Report describing job outlines, current situation and problems of water resources and water recourse management, the policy on IWRM.</p> <p>&lt;Core Phase in Japan&gt; Lectures, field visits, discussion, practice and presentation will be held in the following subjects:</p> <p>1. Concept of IWRM</p> <p>2. Method of monitoring, evaluation and analysis on hydrological &amp; water-demand-supply balance and IWRM planning and implementation</p> <p>3. Planning and implementation methodology for water resources development</p> <p>4. Conflict management</p> <p>5. Action Plan formulation and presentation</p>	<b>IMPLEMENTING PARTNER</b>	Japan Water Agency	
	<b>JICA CENTER</b>	JICA Tokyo	
	<b>COOPERATION PERIOD</b>	2007~2009	
	<b>REMARKS</b>		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Participants acquire wide knowledges about waterworks and get abilities to improve the waterworks in respective countries with integrated views, and also share those with colleague after completion of the training in Japan.</p> <p><b>【Outputs】</b> (1)To understand the system of purification plants and purified water processes (2)To understand water transmission and distribution system, and maintenance including water leakage control (3)To understand securing good water resources and water quality control (4)To get ideas on the effective management of waterworks considering environmental condition (5)To prepare and present an Action Plan using what have been acquired through the course</p>	<p><b>【Target Organizations】</b> Organization of mainly managing waterworks <b>【Target Group】</b></p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jan.4.2009～Jan.29.2009</p>
<p>(1)Lectures and practices regarding the techniques of purified water processes and design of purification plant for operating and maintaining purification plant (2)Lectures and practices by providing the examples of water transmission and distribution system, and maintenance method including water leakage control. (3)Lectures and practices for securing good water resources and water quality control (4)To learn examples in Japanese knowledge and know-how for effective management of waterworks considering environmental condition (5)To prepare and present an Action Plan to be approved by participants' organization by the effort of each participant, using knowledge, techniques, and ideas acquired through the course</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Yokohama Waterworks Bureau</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Yokohama</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>〈Outcome〉 Action plans to develop human resources in participants' respective organizations will be formulated by participants' organizations with utilizing obtained skills and knowledge in the training in Japan.</p> <p>〈Outputs〉 1) Acquiring basic knowledge and skills to rescue people from life-threatening physical danger caused by disasters or accidents such as earthquakes, fires, and industrial or traffic accidents by means of various rescue techniques. 2) Acquiring basic knowledge and skills of first aid, such as artificial respiration, cardiopulmonary resuscitation, hemostat, and immobilization of victims in the disaster or accident. 3) Gaining the necessary knowledge to be a leader of the rescue service. 4) Preparing the draft action plans to develop human resources in participants' respective organizations will be formulated by participants' organizations with utilizing obtained skills and knowledge in the training in Japan.</p>	<p>1. Individuals with adequate rescue knowledge, with at least three years of experience in rescue operations, and currently engaged in the operations. 2. Individuals who are, in principle, under the age of 35 and physically capable of going through rescue training practices. 3. Rescue leaders, or expected to be leaders in the near future, and able to widely spread knowledge and skills obtained in the course in their own countries. 4. Individuals with the specified skills, such as a) tying and hitching ropes and lines, b) swimming, c) a three-point procedure for building entry via ladder.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jul.21.2008~Oct.19.2008</p>
<p>〈Preparatory Phase in participants' home countries〉 Preparation and Submission of Country Report 〈Phase in Japan〉 A: Lectures: Fundamental theory, Emergency rescue outline, Special disaster countermeasures, Earthquake countermeasures, Statistical theory B: Practical Training: Rescue techniques, Emergency techniques, General training C: Observation, etc.: Facility observation, Observation in other cities 〈Finalization Phase in participants' home countries〉 Finalization of the Action plan, which is based on the results of the course and submission to JICA regional office</p>	<p>IMPLEMENTING PARTNER</p>	<p>OSAKA MUNICIPAL FIRE DEPARTMENT</p>
	<p>JICA CENTER</p>	<p>JICA Osaka</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	<p>This program will be conducted in hot and humid whether conditions so participants are requested to be physically and mentally strong.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to acquire wide knowledge on waterworks, therefore, contribute to the improvement of waterworks in respective countries with integrated views. The participants is also expected to share the experience in Japan with colleague.</p> <p>Upon successful completion, following outputs are expected;</p> <ol style="list-style-type: none"> <li>(1) To understand the purification plants and purified water processes</li> <li>(2) To understand transmission, distribution, and service water system</li> <li>(3) To understand leak prevention</li> <li>(4) To understand securing good water resources and water quality control</li> <li>(5) To understand the management of environmentally considered waterworks</li> <li>(6) To Address action plans to realize the learnings in Japan</li> </ol>	<p><b>【Target Organizations】</b> Organization of mainly managing waterworks</p> <p><b>【Target Group】</b></p> <ol style="list-style-type: none"> <li>(1) Be senior technical officers in charge of waterworks engineering in central or local government.</li> <li>(2) at least three 3 years of practical experience,</li> <li>(3) be university graduates or equivalent technical qualifications in waterworks engineering.</li> <li>(4) Proficient in spoken and written English</li> </ol>	
CONTENTS	PROGRAM PERIOD	Jul.1.2008～Sep.20.2008
<p>&lt;Preparatory Phase&gt; Prepare Country Report &lt;In Japan&gt;</p> <ol style="list-style-type: none"> <li>(1) Lectures/Practices on techniques of water purifying processes and design of purification plant</li> <li>(2) Lectures/practices on provision plan of transmission, distribution, and service pipes</li> <li>(3) Lectures/practices on the reduction of leak ratio</li> <li>(4) Lectures/practices on securing good water resources and water quality control</li> <li>(5) Lecturers/Practices on environmentally concsious waterworks</li> <li>(6) Propose and present action plans to apply above learnings to participants home country's situation</li> </ol> <p>&lt;Finalization Phase&gt; Within 6 month after completion of the course, share the knowledge and experience in Japan at respective organizations</p>	IMPLEMENTING PARTNER	Waterworks Bureau, City of Sapporo
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2008～2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The participants are expected to enhance their ability to formulate fire prevention policy. To reach the objective, participants are expected to achieve the follows.</p> <p>(1) To understand Japanese legislation and administration of fire prevention, followed by report making on the outline of his/her countries' fire prevention system and its problem</p> <p>(2) To understand the necessity of fire prevention management and obtain inspection/examination measures for possible objects for fire, followed by report making on his/her countries' fire prevention policy and possible measures for its improvement</p> <p>(3) To understand the necessity of post-fire verification, followed by report making on the proper reaction to fire incidents and construction or improvement of a post fire investigation system in his /her country</p> <p>(4) To present and share the knowledge and experiences gained from this program with concerned personnel of respective countries, and submit Final Report to JICA.</p>	<p>1. Administrative officers or candidates of a fire service implementation agency, who is or will be engaged in fire prevention activities</p> <p>2. Those who can disseminate the knowledge and techniques obtained in Japan to their organizations</p>	
CONTENTS	PROGRAM PERIOD	Aug.10.2008～Oct.18.2008
<p>1. Japanese legislation relating to fire prevention (lecture)</p> <p>2. Japanese legislation relating to building standard (lecture)</p> <p>3. Japanese administration for fire prevention (lecture and observation)</p> <p>4. Facilities and equipment for fire prevention (lecture, observation and practice)</p> <p>5. Regulations on toxic and hazardous materials (lecture, observation and practice)</p> <p>6. Investigation on the cause of fire (lecture, observation and practice)</p>	IMPLEMENTING PARTNER	TOKYO FIRE DEPARTMENT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005～2009
	REMARKS	

Target Countries: Countries which had or highly likely to have a big natural disaster


5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      To review the lessons learned from the disasters and to utilize the experience as wisdom for daily life, and to inherit the importance of disaster prevention as an own culture of the region.</p> <p><b>【Outputs】</b>                      (1) To understand the activities for disaster prevention at school in Japan                      (2) To learn the way to develop human resources for disaster prevention                      (3) To understand the way to inherit the disaster prevention culture                      (4) To draft an action plan for promotion of disaster prevention culture</p>	<p><b>【Target Organizations】</b>                      Central or local government in charge of disaster education</p> <p><b>【Target Group】</b>                      1) Current Duties: be working in central or local government in charge of disaster education and can play a leading role in promotion of disaster education.                      Priority will be given to an applicant who is/was engaged in JICA's project.                      2) Experience in the relevant field: have more than 3 years' experience in the field mentioned above                      3) Language: have a competent command of spoken and written English.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan.12.2009~Feb.21.2009</p>
<p>(1)                      •To visit the site of disaster prevention class                      •To participate in an evacuation drill at school                      •To take the classes about activities of disaster prevention at local government level</p> <p>(2)                      •To receive an explanation on curriculum or classes of the school which has disaster prevention department                      •To learn the importance of future human resources development through the discussion with students</p> <p>(3)                      •To take the lecture from museum attendants who specialize in disaster issue                      •To take the class about Disaster Anthropology</p> <p>(4)                      •To learn the case example of disaster prevention with utilizing the mass-media, music or art.                      •To draft an action plan for promotion of disaster prevention culture through participatory workshop</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Asian Disaster Reduction Center</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	


Target Countries: Asia


10 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective] The technology, knowledge and experience, which the participants acquired and experienced in Japan, are shared among the officials and engineers engaged in Flood and River management.</p> <p>[Course Output] (1) Understanding the effectiveness of flood hazard maps and acquiring the means to disseminate and utilize them for people. (2) Acquiring methods to enhance <b>people's</b> capability and promote public awareness to mitigate flood damage. (3) Acquiring the professional knowledge of hydrology and inundation analysis necessary to produce flood hazard maps. (4) Acquiring the general knowledge of flood hazard maps in the world/ in Europe/in Asia/in Japan. (5) Understanding the means of producing and applying flood hazard maps for their own countries/regions, and making an action plan via which they promote Flood Hazard Mapping after they go back to their country.</p>	<p>[Eligible/Target Organizations] Organization dealing with Flooding or River Management at the national or local level in the public sector such as government/Provincial ministries or municipalities</p> <p>[Qualifications of applicants] 1) Technical managers or engineers with at least 5 years experience (2 years doctorate holders) and currently engaged in river or flood management issues in their public sector 2) University graduates or equivalent 3) Individuals proficient in spoken and written English</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Oct.26.2008～Nov.29.2008</p>
<p>[Preparatory Phase] 1) Preparation on the report under the title of “Review on Policies and Activities of Flood Risk Management” 2) Preparation on the data for Run-off</p> <p>[Program in Japan] Participants must study themselves using a text “Flood Hazard Mapping Manual”, “Hydrology for River Engineers” and “Hydraulics for river Engineers” supplied by ICHARM in addition to Lecture, Exercise and Field Trip. &lt;Subjects (Lectures, Exercise, Field Trips)&gt; 1) Run-off Analysis Exercise 2) GIS Exercise 3) Inundation Analysis Exercise 4) Latest Technology 5) Town Watching 6) Field Trip 7) Making a Flood Hazard Map 8) Making Concluding Report (Action Plan)</p> <p>[Developing Phase] 1) All participants should share the outputs of this training within their organization 40 days after going back to their home country 2) All participants should submit a report on the above mentioned activities.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p>	<p>ICHARM of PWRI</p> <p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2004～2008</p>
	<p>REMARKS</p>	<p>ICHARM implemented the Seminar for ex-participants after the training course in cooperation with ICA in malaysia (2007) and China (2008).</p>


Safer School against Disasters (dissemination of anti-seismic building for communities) in South West Asian Countries 南西アジア地域 災害に強い学校 (コミュニティへの耐震建築の普及に向けて) Target Countries: Seismic-prone countries, principally in South west Asia regions		R/F  0884151
OBJECTIVE		TARGET ORGANIZATION / GROUP
<p><b>【Objectives】</b> The participants can make a draft manual on the system of safer school building against disasters.</p> <p><b>【Outputs】</b> Participants understand the following issues; (1) Appropriate seismic system for a new school construction (2) Appropriate methodologies on seismic assessment of existing schools (3) Retrofitting system of existing schools (4) Administration on safer school and dissemination to communities</p>	<p><b>【Target Organizations】</b> Ministry of Education or regional educational committee</p> <p><b>【Target Group】</b> 1) Current Duties: Engineering or administrative official engaged in examination or design of school building, and engaged in disaster mitigation in school 2) Experience in the relevant field: have experience in architecture and/or system on construction – more than 7 years experience is preferable 3) Educational Background: be graduated from university 4) Language: have a competent command of spoken and written English</p>	
CONTENTS	PROGRAM PERIOD	Nov.17.2008～Dec.13.2008
<p>(1) Appropriate seismic system for a new school construction</p> <ul style="list-style-type: none"> <li>•Principles on structural design</li> <li>•Structural calculation</li> <li>•Reinforced concrete structure</li> <li>•Structural design (details etc.)</li> <li>•Steel structure</li> </ul> <p>(2) Appropriate methodologies on seismic assessment of existing schools</p> <ul style="list-style-type: none"> <li>•Principles on seismic assessment , diagnosis.</li> <li>•Seismic diagnosis for reinforced concrete structure.</li> <li>•Seismic diagnosis for masonry (bricks etc.) structure.</li> </ul> <p>(3) Retrofitting system of existing schools</p> <ul style="list-style-type: none"> <li>•Principles on school retrofitting</li> <li>•Seismic retrofitting for reinforced concrete structure</li> <li>•Seismic retrofitting for masonry (bricks etc.) structure</li> </ul> <p>(4) Administration on safer school and dissemination to communities</p> <ul style="list-style-type: none"> <li>•Appropriate system on the construction (formulation of the standards, enforcement of the regulation, admission procedure)</li> <li>•Making a draft manual</li> <li>•Public awareness (participatory approach in planning and implementation, shake-table demonstration, easy-to-understand assessment methods, etc.)</li> </ul>	<b>IMPLEMENTING PARTNER</b>	Disaster Management Planning Hyogo Office, UNCRD
	<b>JICA CENTER</b>	JICA Hyogo
	<b>COOPERATION PERIOD</b>	2008～2010
	<b>REMARKS</b>	UNCRD has conducted projects in seismic-prone countries on safer school against disasters since 2001. The experience of the UNCRD projects will be shared and the experience of Hyogo prefecture and Kobe city will also be shared with participants.



Development of Coordinators for Disaster Nursing for Middle East and Asian countries 中東・アジア地域 災害に備えた看護コーディネーター育成		R/F 	0884152
Target Countries: Countries often affected by natural disasters		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> This program aims to formulate and practice an action plan of developing coordinators for disaster nursing.</p> <p><b>【Outputs】</b> I To achieve this program objective, participants are expected in Japan;</p> <ol style="list-style-type: none"> <li>To understand disaster nursing and to understand importance of coordinators for disaster nursing</li> <li>To understand role and method of disaster nursing at the response/relief stage of disaster</li> <li>To understand role and method of disaster nursing at the stage of mid- and long- term after disaster</li> <li>To understand role and method of disaster nursing at the preparatory/preparedness stage of disaster</li> <li>To understand how to formulate programs for developing human resources and how to spread disaster nursing.</li> </ol> <p>II In participants' home country, it is also expected that the action plan is approved by the organization concerned.</p>	<p><b>【Target Organizations】</b> Organizations which can play a leading role in promotion of disaster nursing. (e.g. Medical/Educational institution, Central/local government, Nursing association, NGO)</p> <p><b>【Target Group】</b> 1) Current Duties: be working in organization which can play a leading role in promotion of disaster nursing. (e.g. Medical/Educational institution, Central/local government, Nursing association, NGO) and can play a leading role in developing coordinators for disaster nursing (who will be in charge for disaster correspondence in medical institution or public health institution). - Priority will be given to applicant with willingness/interest and/or with authority/duty on development and dissemination of coordinators for disaster nursing. 2) Experience in the relevant field: have more than 2-3 years' experience in the field mentioned above 3) Educational Background: have basic education on nursing 4) Language: have a competent command of spoken and written English.</p>		
CONTENTS	PROGRAM PERIOD	Aug.17.2008~Sep.13.2008	
<p><b>【Preliminary Phase in a participant's home country】</b> Preparation for Job Report</p> <p><b>【Core Phase in Japan】</b></p> <ol style="list-style-type: none"> <li>- Essence and concept of disaster nursing - International network in the field of disaster nursing - Case study of disaster nursing in recent disaster-stricken area</li> <li>- Emergency medicine in Hyogo prefecture - Coordination before medical treatment and triage - Providing better environment for refugee - Prevention of infectious disease - How to coordinate volunteers - Support to disaster-stricken medical institution</li> <li>- Prevention of second disaster - Continued support to vulnerable people - Role of nurses in provisional housing and to help afflicted people put their lives back in order - Support for formulation of communities - Mental health care for afflicted people</li> <li>- Educating people on disaster prevention - Collaboration with government and medical institution - Networking among Nurses - Disaster Nursing Education</li> <li>- Human resources development programs - Formulation of action plan and its presentation - Evaluation method for effect of education</li> </ol> <p><b>【Finalization Phase in a participant's home country】</b> Application and implementation of the action plan back in the participant's country and submission of report on its progress</p>	IMPLEMENTING PARTNER	University of Hyogo, Research Institute of Nursing Care for People and Community	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2008~2010	
	REMARKS	University of Hyogo, which has continuously been practicing, educating and researching disaster nursing after the Great Hanshin-Awaji Earthquake, has started consistent education from undergraduate education to graduate education (both master program and doctorate program) on disaster nursing. In this program, you can learn the role and method of disaster nursing at all the stage of disaster management cycle. You can also learn from many experts who have lots of experience of practicing disaster nursing, including lessons learned from the Great Hanshin-Awaji Earthquake.	

<b>Community-based Disaster Prevention -Introduction of Kobe's Efforts for Middle East and Asian Countries</b> <b>中東・アジア地域 コミュニティ防災の実践～神戸の取り組み</b>		R/F  0884220
Target Countries: Countries often affected by natural disasters		Water Resources/Disaster Management—Comprehensive Disaster Management 10participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> This program aims to facilitate the concept of and how to promote community based disaster prevention.</p> <p><b>【Outputs】</b> I To achieve this program objective, participants are expected in Japan;            (1) To understand the significance of disaster prevention            (2) To understand needs and mechanism of community based disaster prevention and how to take community into it            (3) To understand how to operate and conduct drills in community based disaster prevention            (4) To understand how to foster leaders for disaster prevention in community            (5) To establish a simulated organization for community based disaster prevention and to formulate an action plan for community based disaster prevention</p> <p>II In participants' home country, it is also expected that the action plan is approved by the organization concerned.</p>	<p><b>【Target Organizations】</b> Organizations which can play a leading role in promotion of community based disaster prevention and dissemination of self-help organization of residents for disaster prevention. (e.g. Disaster management planning organization/division, town management/community support organization/division in central/local government)</p> <p><b>【Target Group】</b>            1) Current Duties: be executive officials of the above-mentioned organizations            - Priority will be given to applicant with willingness/interest and/or with authority/duty on development and dissemination of self-help organizations for disaster prevention in communities.            2) Experience in the relevant field: have more than 2 years' experience in the field mentioned above.            3) Language: have a competent command of spoken and written English.            4) Health: must be in good health, both physically and mentally, to participate in the Program in Japan, as this program will contain some outdoor skill practice and drills, and will contain staying one night at school gymnasium as a participation of evacuation drill.</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Aug.18.2008～Sep.27.2008
<p><b>【Preliminary Phase in a participant's home country】</b> Preparation for Job Report</p> <p><b>【Core Phase in Japan】</b>            1. Significance of disaster prevention and Japanese system of disaster prevention            2. the needs and mechanism of community based disaster prevention and how to take community into it            - Needs and mechanism of "disaster-safe welfare community"            - Relationship between local community and "disaster-safe welfare community."            - How to facilitate people and establish organization            - How to select equipment and materials needed for community based disaster prevention            - Listening to stories and experiences of storytellers in person            - Visit and experience of "disaster-safe welfare community"            - Visit to self-help organizations for disaster prevention in communities            3. How to operate and conduct drills in community based disaster prevention            - Purpose of community safety map and how to formulate it            - How to conduct drills with communities, and how to give instruction to communities            4. How to foster leaders for disaster prevention in community            - The role of the leaders for disaster prevention in community            - How to foster the leaders for disaster prevention in community            - Education for disaster prevention            - Visit and experience of "disaster-safe welfare community" including drills for preparation of hot meals outdoors            5) Establishment of a simulated organization for community based disaster prevention and formulation of an action plan</p> <p><b>【Finalization Phase in a participant's home country】</b> Application and implementation of the action plan back in the participant's country and submission of report on its progress</p>	<b>IMPLEMENTING PARTNER</b>	Kobe City Fire Bureau
	<b>JICA CENTER</b>	JICA Hyogo
	<b>COOPERATION PERIOD</b>	2007～2009
	<b>REMARKS</b>	<p>It is expected to contribute to promotion of community based disaster prevention in each country, by introducing Kobe's effort of "disaster-safe welfare community."</p> <p>In this program, experience and practice will be emphasized; especially you will have some chances to participate disaster drills in which residents play a leading role.</p>


<b>Community Empowerment through Safe Water Management for Arid Regions in</b> <b>French Speaking Africa</b> <b>仏語圏アフリカ 乾燥地域 村落飲料水管理</b>		R/F 	0884248
Target Countries: French-Speaking Africa		11 participants /	French
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b>            To acquire knowledge, awareness and techniques to organize a community participation system in order to ensure sustainable management of safe drinking water supply in a small-scale community.</p> <p><b>【Achievement】</b>To achieve the objectives, participants are expected:</p> <ol style="list-style-type: none"> <li>To gain knowledge and skills necessary for safe drinking water supply in small-scale community,</li> <li>To gain knowledge and skills relating to living environment such as toilet, sewage management, garbage collection, etc.</li> <li>To learn examples (lessons learnt) of various projects and appropriate technologies implemented in arid areas in Africa and in Japan,</li> <li>To understand the importance of gender mainstreaming in community development,</li> <li>To learn a project management tool (Project Cycle Management),</li> <li>To formulate an Action Plan.</li> </ol>	<p><b>【Requirements】</b></p> <ul style="list-style-type: none"> <li>The program is designed for administrative planners engaged in safe drinking water management in small-scale communities</li> <li>Individuals with practical experience of more than 3 years in the field of water resource management</li> <li>Fluent in French</li> <li>Individuals with states that can achieve the role of leader in community for improvement</li> <li>Individuals in good health, both physically and mentally, to undergo the course of training</li> </ul>		
CONTENTS	PROGRAM PERIOD	Oct.21.2008~Dec.13.2008	
<p>&lt;Preparatory Phase&gt; Formulation of Job Report.            &lt;Curriculum in Japan&gt;</p> <ul style="list-style-type: none"> <li>Water resource development, management, and policies (in Japan and arid regions)</li> <li>Management for groundwater development and rural water supply program</li> <li>Transition of water supply and sanitation.</li> <li>Water supply and the quality control</li> <li>Water environmental engineering and groundwater management</li> <li>Theory and training in "Project Cycle Management"</li> <li>Theory and training in community management (including gender development, micro-credit)</li> <li>Practice of presentation skills</li> </ul> <p>&lt;Finalization Phase&gt;            Implementation of the Action Plan and the report of the progress.</p>	IMPLEMENTING PARTNER	Fuji Women's University	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Expected number of participants per country: 2 (male 1, female 1)	

<b>Training Course for Expert on Flood-related Disaster Mitigation</b> <b>洪水関連災害防災専門家育成研修</b>		GROUP  0880043
Water Resources/Disaster Management—Wind and Flood Disaster (Flood Control)		
		10participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective] The participant's organization will make or improve the projects related to the flood-related disaster mitigation in their own country.</p> <p>[Output] To achieve the above mentioned objective, participants are expected to produce the following outputs;</p> <p>(1)Participants will learn the history, systems and roles for preventing and mitigating Flood Disaster in Japan and extract problems and issues of their country by comparing the situation in each country and in Japan.</p> <p>(2)After studying and acquiring knowledge of Flood-related Disaster risk management, the participants make a flood hazard map for a river basin in Japan.</p> <p>(3)After understanding and acquiring the knowledge about techniques for plan and management of water control (including dam, sediment control), the participants make interim report about those applicability to their own countries.</p> <p>(4)Participants choose one area where often suffered from flood-related disaster in their own country as a model case and draw up draft plan for disaster prevention/mitigation project. They will make an interim report about it which will be accepted as their master thesis.</p> <p>(5)The interim report will be presented at the participants' parent organization and they submitted Final report with revised points. They also submit monitoring report informing of the situation of their project.</p>	<p><b>【Target Organizations】</b> Governmental organizations - which are engaging in river management or Flood Control. - which are planning or carrying out the Water-related Disaster Mitigation Projects</p> <p><b>【Target Group】</b> (1) University graduates in Civil Engineering, Water Resource Development, or Disaster Mitigation. (2) Engineers or technical officials who have more than three years of experience in the fields of flood control. (3) Individuals with basic knowledge of Civil Engineering, especially hydraulics and hydrology. (4) Individuals well versed in basic mathematics such as differentiation and integration. (5) Individuals capable of making the "Master report" in English, using PC software such as "Microsoft Word", "Microsoft Excel", etc. (6) Individuals with a good command of English (7) Those over 25 and under 36 years of age</p>	
CONTENTS	PROGRAM PERIOD	Sep.29.2008~Sep.19.2009
<p>[Preparatory Phase] Preparation of the Inception Report</p> <p>[Program in Japan] The course consists of Lectures, practical training, a field trip and Independent study concerning the following sub subjects: (1) Meteorology related to the hydrological process (2) How to get access to meteorological data (3) Hydrological observation (4) Analysis/prediction methods using models to simulate the hydrological process (5) River engineering and river ecology (6) Flood risk assessment and risk reduction (7) Methods of the flood risk assessment and flood risk reduction, (8) Sediment control (9) Disaster mitigation policy (10)Disaster risk management (11) How to make projects of the International organizations</p> <p>[Developing Phase] - Making and Submitting the monitoring report after 3, 6, and 12 months respectively. - Planning and implementation of the project, which the participants drafted in Japan.</p>	<p><b>IMPLEMENTING PARTNER</b> ICHARM of the Public Works Research Institute (PWRI)</p> <p><b>JICA CENTER</b> JICA Tsukuba</p> <p><b>COOPERATION PERIOD</b> 2007~2009</p>	<p>Participants will be given the Master's degree of Disaster Management by the National Graduate Institute for Policy Studies (GRIPS), if they will pass examines on the prescribed units.</p>
	<b>REMARKS</b>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>By sharing the up-to-date technologies, knowledge and experience of flood control and water utilization in Japan, including global trends such as integrated water resources management and integrated flood management, improvement plans on flood/sediment disaster measures, water resources management policies, dam management policies and riverine environment conservation measures, etc in their native countries, are facilitated by the water governing agencies such as the department of water resources or the department of irrigation.</p> <p>To achieve the above mentioned objective, participants are expected to produce the following outputs.</p> <p>(1)To formulate and submit Inception report                      (2)To get the knowledge related to trends of the world in the water sector and the history of river projects and the current river system in Japan, and clarify the problems of participating organizations.                      (3)To get knowledge on planning and design techniques about flood control (including erosion control) and water use, and dams, which be able to propose improved business plans of participating organizations based on these technical knowledge.                      (4)To prepare Interim report by making use of the knowledge gained, and make an Action Plan on how to improve or get over the problems in their own countries.                      (5)To revise the Interim report (action plan) to be authorized by parent organization, and prepare and submit Final report.</p>	<p><b>【Target Organizations】</b>                      Water management organization such as Ministry of Water Resources, Ministry of Irrigation</p> <p><b>【Target Group】</b>                      (1)Persons are currently to be engaged in flood control works or water resources development projects.                      (2)university graduates or the equivalent with basic knowledge in civil engineering and more than 5 years' experience in the field of flood control or in water resources development projects                      (3)To be proficient in spoken and written English.</p>	
CONTENTS	PROGRAM PERIOD	Sep.8, 2008~Dec.13, 2008
<p>1.Preparatory Phase                      Preparation for Inception Report and Presentation on present situation and problems related flood control , water resources management in their countries</p> <p>2.Program in Japan                      (1)Presentation on Inception Report and Discussion                      (2)Lecture on world trends in the water sector and history, system and legislation for river works in Japan                      (3)Individual Study                      Each participant will carry out an individual study for one (1) month at the research division/team of NILIM or PWRI.                      (4)Participants have several chances to visit actual sites in Japan related to flood control and water resources                      (5)By the end of the training course, all participants make and submit an Interim Report. Moreover, all participants have to give a presentation about the Interim Report (especially Action Plan)                      The Interim Report should include the following subjects.                      1) Background, 2) Purpose, 3) Main topic, 4) Conclusion, 5) *Action Plan</p> <p>3.Final Phase (activities in home country)                      Participants should share the outputs (the interim report), and report on progress in Final Report and submit within Six (6) months after the end of the phases in Japan.</p>	<p><b>IMPLEMENTING PARTNER</b>                      River Bureau, Ministry of Land, Infrastructure and Transport, NILIM, PWRI</p> <p><b>JICA CENTER</b>                      JICA Tsukuba</p> <p><b>COOPERATION PERIOD</b>                      2008~2010</p>	<p><b>REMARKS</b></p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Overall Goal】</b> Activities for improvement of system and management of emergency /disaster medicine are implemented based on the Action plan approved by the participants' organization in their home countries.</p> <p><b>【Objectives】</b> Participants' capacity to formulate an action plan to solve the problems/challenges which participants' organization are facing, and to improve the system and management of emergency /disaster medicine is improved.</p> <p><b>【Outputs】</b> 1) Participants will gain a general view of the Japanese emergency medical system and understand the cooperative system among related organizations, 2) Participants will gain a general view of Japanese disaster medical system through past experiences in Japan, 3) Draft action plan will be formulated to solve the problems/challenges which participants' organization are facing.</p>	<p><b>【Target Organizations】</b> Emergency medical organizations or medical administrative agencies</p> <p><b>【Target Group】</b> 1) senior medical doctors or administrators engaged in measures for emergency/disaster medicine and occupying a position of leadership in an emergency medical institution or a medical administrative organization, 2) be familiar with the recent situation of emergency medical research activities or disaster preparedness in their own country ※Participating Countries in "Medical Management in Disaster for Andes Area" (Held in JICA Hyogo) will not be allocated in this program.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Aug.27.2008～Sep.30.2008</p>
<p>〈Preparatory phase in participants' home countries〉 Formulation of Job Report 〈Phase in Japan〉 (1)Primary/secondary/tertiary emergency medicine, Poisonous &amp; hazardous substance information management, Emergency medical training, Emergency-response personnel training (2)National disaster-medicine systems, Local disaster-medicine systems, The experience of the great Hanshin earthquake, Japanese red cross society roles &amp; mobilization system, Hospital disaster-readiness practice (3)Action plan making 〈Finalization Phase in participants' home countries〉 Discussion and Finalization of Action Plan, Submission of final report to JICA regional Office</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Saiseikai Senri Hospital</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Through the program of the Osaka Municipal Waterworks Bureau, participants are expected to achieve the following objects to contribute to a safe water supply in their own countries (local government):</p> <p>Outcome: Action plans to solve issues on urban water supply system in participants' respective organizations will be formulated by participants' organizations with utilizing obtained skills and knowledge in the training in Japan.</p> <p>Output: After the completion of this training course in Japan participants will be able</p> <p>To explain maintenance technologies of pipelines and service installations in Japan</p> <p>To explain operation technologies of intake, treatment and distribution facilities in Japan</p> <p>To explain technologies of water treatment and water quality control in Japan</p> <p>To make appropriate action plans to improve water supply in their respective organizations</p>	<p>(1) Engineers responsible for the operation and maintenance of urban water supply schemes/authorities using surface water resources</p> <p>(2) Individuals with at least 5 years experience in the area</p> <p>(3) Graduates from technical colleges or authorized water training institutes or equivalent</p> <p>(4) Age: 55 years old</p>	
CONTENTS	PROGRAM PERIOD	May.19.2008~Jul.26.2008
<ol style="list-style-type: none"> <li>1. General Information on the Water Supply System of Osaka City</li> <li>2. Operation of Intake Facilities</li> <li>3. Operation of Treatment Facilities</li> <li>4. Operation of Distribution Facilities</li> <li>5. Maintenance of Mechanical and Electrical Facilities and Measuring Instruments</li> <li>6. Water Quality Control</li> <li>7. Specialized Water Treatment and Advanced Water Treatment</li> <li>8. Maintenance of Pipelines</li> <li>9. Maintenance of Service Installations</li> <li>10. Specialized Training (Maintenance of Service installations/distribution pipes)</li> </ol>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>OSAKA MUNICIPAL WATERWORKS BUREAU</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2004~2008</p>
	<p><b>REMARKS</b></p>	

<b>The Seminar on administration by Competent Authorities for Better Management of Water</b> <b>水道管理行政</b>		GROUP  0880915
		Water Resources/Disaster Management—Urban Water Supply
		10participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b> This course aims at achieving consensus for challenges and sharing the idea of improvement plan for better management of water supply after the participants' returning.</p> <p><b>【Outputs】</b>&lt;Under Planning&gt; Participants are expected to be able to: (1)Understand the water quality management, non-revenue water, guidelines of water supply to acquire the ability of applying the knowledge in their countries, (2)Specify the challenges which need to be tackled and formulate the improvement plan and (3)Share the idea of implemente plan which participants formulate among related persons in their organizations after returning back.</p>	<p>&lt;Target Organizations&gt; Departments which are in charge of water supply administration at national/ regional authorities</p> <p>&lt;Target Group&gt; 1) Individuals with 5 years experience in the field of water supply 2) Individuals expected to play major roles in the development of regulations and policies on water supply</p>	
CONTENTS	PROGRAM PERIOD	Sep. 28.2008~Oct. 11. 2008
<p>&lt;Preliminary Phase in home country&gt; Participants required to Make a Country Report and its presentation file. These contents are below: job outlines, challenge/issue in their organization and the status of water supply management. &lt;Core Phase in Japan&gt; Lectures, field visits, discussion and presentation will be held such as: 1) Country Report Presentation 2) Water Quality Management 3) Non-Revenue Water 4) Water Safety Plan 5) Improvement Plan Formulation and Presentation &lt;Follow-up Phase&gt; Participants are expected to share the idea of improvement plan among related persons and report on the progress.</p>	<b>IMPLEMENTING PARTNER</b>	Japan International Corporation of Welfare Services
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2007~2009
	<b>REMARKS</b>	



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b> To help participants formulate improvement plans of disaster management in each participants' organization based on the total disaster risk management through general understanding of disaster management system of central and local governments of Japan against various kinds of disasters. To achieve this, participants will:</p> <p><b>【Output】</b> (1) Understand disaster management of national and local governments, and identify their challenges and problems (2) Understand the role of non-governmental organizations such as mass-media and the private sector in disaster management, and examine how to use the acquired knowledge in each country (3) Understand Japanese approaches to different disasters, and select feasible approaches for respective country (4) To formulate action plan based on the disaster management cycle</p>	<p>[Target Organizations] Departments in charge of disaster management at central and local government.</p> <p>[Target Group] (1) Individuals presently working in government agencies responsible for disaster prevention (Especially, those who engaged in the disaster management, disaster mitigation, emergency response, reconstruction and rehabilitation) (2) Age: Under 45 years old (3) University graduates</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jan.17.2009~Feb.28.2009
<p>Preparatory phase: Participants are requested to submit country reports describing the current situation and problems of their own organization, signed by the head of the organization.</p> <p>Program in Japan: An action plan for improving the participant's organization is to be submitted after undergoing training on the following: (1) Policy formation, enforcement and implementation of disaster countermeasures in Japan (2) International cooperation for natural disaster prevention and reduction (3) Implementation of disaster countermeasures of local government in Japan</p> <p>Post-program activities: The action plan is to be reconsidered by the participant's organization and submitted with the signature of the head of the organization after the program.</p>	<b>IMPLEMENTING PARTNER</b>	Asian Disaster Reduction Center
	<b>JICA CENTER</b>	JICA Hyogo
	<b>COOPERATION PERIOD</b>	2005~2009
	<b>REMARKS</b>	


<b>Water Supply Management for Middle Eastern Countries ~Maintenance of distribution pipeline and Leakage prevention~</b> <b>中東地域 上水道維持管理～配水管網の維持・漏水防止～</b>		R/F  0884073
Target Countries: Middle Eastern Countries. The country whose mother tongue is Arabic.		Water Resources/Disaster Management—Comprehensive Water Resources Management 7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To make the improvement plan which contribute to solving the issues about distribution pipeline and underground leakage.</p> <p><b>【Outputs】</b> (1) Participants understand the current conditions of water supply management in big-sized Japanese city and can explain the difference between their countries and Japan. (2) Participants acquire the practical knowledge and skills in order to build the appropriate distribution pipeline and can explain to their colleague after returning their country. (3) Participants acquire the practical knowledge and skills in order to establish the leakage prevention systems and can explain to their colleague after returning their country. (4) Participants make the report of the current issues and countermeasures in their countries using the knowledge and skills which you acquired through this training</p>	<p><b>【Target Organizations】</b> The organizations which implement the practical operations such as planning, designing, operation and maintenance of distribution pipeline and investigation and repair of underground leakage.</p> <p><b>【Target Group】</b> 1) Current job: engineers who perform the practical operations of design and maintenance/control in the field of water supply projects. 2) Experience in water supply projects: have more than five (5) years of work experience in water supply projects. 3) Language: have a sufficient command of English to understand the training in English.</p>	
CONTENTS	PROGRAM PERIOD	Jul.8.2008～Aug.24.2008
(1) •Introduction (lecture) •Water resource maintenance (lecture) •Maintenance and management of water treatment plant (lecture) (2) •Planning of water transmission and distribution systems (lecture) •Maintenance of water transmission and distribution systems (lecture) •Improvement and renewal plan of distribution pipes (lecture and practice) •Maintenance of water supply system (lecture and practice) (3) •Introduction leakage prevention (lecture and practice) •Planned detection and repair of underground leakage (practice) (4) •Making action plan (practice) •Presentation of action plan (practice)	IMPLEMENTING PARTNER	Hiroshima City Waterworks Bureau
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2008～2010
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To strengthen and expand the network of disaster response to improve the lifesaving rate at the disaster area by smooth and effective international disaster cooperation. The network is also utilized to share the information that would contribute to the disaster prevention and rehabilitation from disasters.</p> <p><b>【Outputs】</b> (1) To understand the general description of medical teams and international disaster relief to find out its commonality and a difference. (2) To discuss how smooth international disaster relief should be done in future disaster by simulation of disaster emergence. (3) To make an action plan for construction and strengthen the network in group and each participating country.</p>	<p><b>【Target Organizations】</b> Organizations which have responsibility as a contact point for international emergency assistance in disaster-prone countries</p> <p><b>【Target Group】</b> Being in responsible positions in national, local government, hospitals, NGOs which have contact point for disaster response. *Ex-participants for the training and dialogue programs "Emergency/Disaster Medicine" will be preferably accepted.</p>	
CONTENTS	PROGRAM PERIOD	Under planning
<p>This program is consists of following items ; (1) Discussion about general description of medical teams in each country, rule of international disaster relief (2) Simulation of international relief dispatch and acceptance, workshop to find out commonality and difference of each country (3) Making action plan for construction and strengthen the network in group and each participating country</p>	IMPLEMENTING PARTNER	Saiseikai Senri Hospital
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	


# 4. Governance


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Through the seminar, participants are expected to understand the effectiveness of image processing for criminal investigation and develop the capacity for criminal investigation by making use of pictorial information.</p> <p>(1) Understand basic knowledge of digital processing for picture information                      (2) Acquire the technique of image processing for still image (digital pictures etc)                      (3) Acquire the technique of image processing for moving images (VCR pictures etc)                      (4) Acquire the technique to measure the size of objects through pictures                      (5) Establish cooperative relationships among participating countries, in order to build an international information network on image processing research.</p>	<p><b>【Target Organizations】</b> Forensic science research institutes</p> <p><b>【Target Group】</b>                      (1) Mid-level researchers engaged in engineering sections at forensic science research institutes                      (2) University graduates in science and engineering                      (3) Individuals with more than 5 years of occupational experience                      (4) Individuals currently engaged in image processing                      (5) Age:25-45 years old</p>	
CONTENTS	PROGRAM PERIOD	Feb.18.2009～Mar.3.2009
<p>The following subjects (outline) will be covered in the seminar in the form of lectures, discussion and practice, etc.:</p> <p>(1) Lecture for introduction of image processing                      (2) Lecture and practice for still image processing                      (3) Lecture and practice for motion image processing                      (4) Lecture and practice for photogrammetry</p>	IMPLEMENTING PARTNER	National Research Institute of Police Science
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007～2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of the seminar is to broadly introduce traffic police administration in Japan to participants through lectures and technical visits, and also to provide opportunities to exchange information on traffic police in participating countries and to study measures to solve traffic problems of their mutual concern, thus contributing to improved traffic police administration in the developing countries.</p>	<p>(1) Directors or chief police superintendents who supervise or are dealing with traffic police affairs in the central police organization                      (2) University graduates or equivalent</p>	
CONTENTS	PROGRAM PERIOD	
<p>&lt;Under Planning&gt;                      This seminar covers the following topics:                      (1) Japanese Police System                      (2) Chronological Summary of Road Traffic Measures                      (3) Subjects related to the Traffic Planning Division                      (4) Subjects related to the Traffic Enforcement Division                      (5) Subjects related to the Traffic Management and Control Division                      (6) Subjects related to the Urban Traffic Control Division                      (7) Subjects related to the Driver's License Division                      (8) Technical Visits                      (9) Participants Country Report Presentation</p>	IMPLEMENTING PARTNER	NATIONAL POLICE AGENCY
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	1996～2009
	REMARKS	Conducted biannually (It is NOT conducted in this year, 2008.)

Seminar on National Government Administration for Senior Officials 上級国家行政セミナー		GROUP 	0880320
		Governance—Administrative Institutions	
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<Outcome> Through this training program, policy formation ability of the participants is enhanced. <Outputs> (1) get a better grasp of the roles of public administration and human resource development in Japan, which served as crucial elements for socioeconomic development during the post war period, (2) examine the validity of their administration and human resource development system, and identify issues/challenges in comparison with those of Japan, (3) seek a new way of policy formulation and public administration in developing countries by grasping and analyzing the current situation and its issues, and (4) discuss the issues and challenges, which participating countries face and draft an improvement plan for them.	<Target Organization> National Government Offices <Target Group> 1. Present position, assignment: High executives who are responsible for policy making in the central government, or their equivalent, 2. Occupational Background: have experience of policy formulation and coordination for more than five(5) years. 3. Age: be between forty (35) and fifty (50) years of age, in principle.		
CONTENTS	PROGRAM PERIOD	Oct. 21. 2008 ~ Nov. 22. 2008	
1. The role of public administration and human resource development in Japan Lecture on the civil service system, socioeconomic development and the role of public administration, local autonomy system, public administrative reform, etc. and field studies at national institutions and local governments relative to respective lectures 2. Policy planning and the public administration situation in developing countries Lectures on socioeconomic development, human resource development, good governance, which contributes to the development of developing countries, presentation and discussion on country reports which analyze the situation and problems of each country 3. Wrap ups Discussion on the roles of public administration to contribute to socioeconomic development	IMPLEMENTING PARTNER	National Personnel Authority	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2006~2010	
	REMARKS	This program is for senior class officials.	

Seminar on Government Audit 政府会計検査セミナー		GROUP 	0880709
		Governance—Administrative Institutions	
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Action plans will be shared among participants to establish the effective and efficient government audit system and to improve its operation.  To reach the above objectives, participants are expected to achieve the following results: 1. to understand the outline of the government budget, accounting and audit system in Japan. 2. to obtain enough knowledge on government audit on public works. 3. to be able to give necessary guidance on government audit to their colleagues on their return to home countries, and finally 4. to formulate an action plan based on the knowledge acquired through the seminar.	<Target Organization> Supreme Audit Institutions (SAI) to study and discuss various aspects of government audit on public works <Target Group> 1. Officials of SAI who have been or will be engaged in audit on public works 2. Those who are under 40 years of age in principle and have a minimum of 10 years of experience in government audit 3. Those who have a command of spoken and written English that is proficient enough for participating the seminar		
CONTENTS	PROGRAM PERIOD	Feb.9.2009~Mar.14.2009	
1. Government budget and account settlement system and accounting system in Japan 2. Government audit system in Japan 3. Basic knowledge of public works – policy, implementation, management, etc. in Japan 4. Public works audit – methodology and audit findings 5. Exercise of public works audit methodology in the Annaka Training Center 6. Presentation and discussion on public works audit 7. Observation of public works funded by the government 8. Formulation and presentation of the action plan	IMPLEMENTING PARTNER	BOARD OF AUDIT OF JAPAN	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Seminar on Police Info-Communications 警察情報通信セミナー		GROUP  0880737
		Governance—Public Safety
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Through the seminar, participants are expected to: (1) Learn about the installation, management, maintenance and application of police info-communication systems. (2) Learn about the status of cyber criminality and investigative methods of cyber crime and master the methodology of digital forensics. (3) Facilitate mutual understanding.	Working level law enforcement officers who have experiences or knowledge of info-communication technologies, hold positions of police inspector or lower, and are now engaged in work concerning police info-communications or digital forensics.	
CONTENTS	PROGRAM PERIOD	Jan.19.2009~Feb.6.2009
The seminar provides lectures and visits regarding the installation, management, maintenance and application of police info-communication systems in Japan. Moreover, the seminar provides lectures and exercises regarding the status of cyber criminality and investigative methods of cyber crime as well as the methodology of digital forensics.	IMPLEMENTING PARTNER	NATIONAL POLICE AGENCY
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	

International Seminar on Taxation (General Course) 国際税務行政セミナー(一般コース)		GROUP  0880845
Target Countries: All		Governance—Administrative Institutions
		18 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Officials in developing countries will recognize current issues in tax administration of their respective countries and contribute to the improvement of tax administration after their return.  Through this program, participants are expected to: (1) To acquire a general picture of Japanese tax system and administration (2) To understand the current situation regarding the enforcement of tax administration in Japan (3) To acquire the general knowledge of international taxation (4) To find the points to be improved in the national tax system and administration of their own countries by comparing with those in other participating countries and Japan.	<b>【Target Organizations】</b> National tax authorities for administration of income tax or value added tax  <b>【Target Group】</b> (1) Middle class tax official of the target organizations, engaged in administration of income tax or value added tax. (2) Age: under 40 years old. (3) Individuals with more than 5 years of occupational experience in national tax administration or in the planning of the national tax system.	
CONTENTS	PROGRAM PERIOD	Aug.24.2008~Nov.1.2008
(1) Lectures on tax systems and tax administration in Japan. (2) Lectures by OECD instructors (3) Observations to regional taxation bureaus, tax offices and others (4) Country report and discussion (5) Specific theme discussions with Japanese tax officials (6) Writing and presentation of a report as an achievement of this seminar	IMPLEMENTING PARTNER	National Tax Agency National Tax College
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2004~2008
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Senior class tax officials in developing countries will recognize current issues in tax administration of their respective countries and contribute to the improvement of tax administration after their return.</p> <p>Through this seminar, participants are expected to:</p> <p>(1) identify the points to be improved in their tax administration, and strengthen and generate knowledge and ideas to tackle with those points, by using Japanese experiences and cases, and information gained through discussions as references, and</p> <p>(2) promote good relationship with National Tax Agency of Japan as well as among participants in the seminar through exchange of views.</p>	<p><b>【Target Organization】</b> National tax authorities for administration of income tax or value added tax</p> <p><b>【Target Group】</b> (1) Senior class tax officials (deputy commissioner or assistant commissioner of the head office, the commissioner or the deputy commissioner of regional bureau/office, etc). (2) Occupational Background: have sufficient knowledge and professional experience in administration of income tax or value added tax</p>	
CONTENTS	PROGRAM PERIOD	Sep.28 2008~Oct.25 2008
<p>1. Lectures on tax system and tax administration in Japan</p> <p>2. Country report presentation and discussion</p> <p>3. Theme presentation and discussion</p> <p>4. Observations to regional taxation bureaus, tax offices and others</p>	IMPLEMENTING PARTNER	National Tax Agency National Tax College
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2004~2008
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>1. Outcome: To enhance the extensive knowledge and ability required as the senior executive police officers, with emphasis on the police management of senior or executive officers of participating countries.</p> <p>2. Output: To reach the objective, participants are expected to achieve the following results:</p> <p>(1) To understand countermeasures against various crimes and study features and administrative systems of Japanese police</p> <p>(2) To deepen mutual understanding among participants about the problems of police, countermeasures against these problems and the current situations of police activities in respective countries</p> <p>(3) To formulate an action plan on the basis of the above information</p>	<p><b>【Target Group】</b> The central police agency</p> <p><b>【Target Group】</b> 1. Directors of division in central police organizations, or individuals in higher positions, who are expected to become senior executives in the police organization in future, 2. Superintendents or those in higher positions, 3. Aged in 40's and have a police career for more than 15 years 4. Individuals with a sufficient command of English in speaking, reading &amp; writing 5. Those who have never participated in JICA seminar before</p>	
CONTENTS	PROGRAM PERIOD	Jan.12.2009~Jan.31.2009
<p>&lt; Before coming to Japan &gt; Preparation of C/R</p> <p>&lt; Seminar in Japan &gt;</p> <p>1. Lecture</p> <p>(1) Outline of Japanese police (system of public safety commissions, community policing, and others)</p> <p>(2) Countermeasures against various crimes (against crimes committed by foreigners and organized crime groups, international cooperation for criminal investigation and Others)</p> <p>(3) Police management</p> <p>2. Observation</p> <p>Prefectural police(Public Safety commission, Commande Center, crime laboratory, Police Station/Koban/Chuzai-sho)</p> <p>3. Draft of AP</p>	IMPLEMENTING PARTNER	NATIONAL POLICE ACADEMY RESEARCH AND TRAINING CENTER
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2004~2008
	REMARKS	*Seminar for "SENIOR Level"





Development Policies II 開発政策II		GROUP	0880901
		Governance—Administrative Institutions	
Target Countries: Countries which implements PRSP and to which Japan's ODA task force prioritizes		12 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The following subjects are expected to be achieved by participants with a view to improving development policies in respective countries in line with their internal conditions.</p> <p>Based upon the achievements, participants are requested to draft policy papers (within 3 months of the termination of the program in Japan)</p> <p>1) Problems and concepts of Development Framework in the area are clarified</p> <p>2) Problems and concepts of Economic Development in the area are clarified</p> <p>3) Problems and concepts of Social Development in the area are clarified</p>	<p>(1) Division chief level or above of a competent government authority, who is presently engaged in, and will be continuously engaged in, country's overall development strategy and policy</p> <p>(2) University graduates or with equivalent academic background</p>		
CONTENTS	PROGRAM PERIOD	Beginning of Feb.,2009~End of Feb.,2009	
<p>This program is divided into 4 modules as follows:</p> <p>1. MODULE 1: Framework of Development –“Characteristics of developing countries”, “Impact of donor agencies on development strategy planning in developing countries”, “Planning and management of development plans and policies”</p> <p>2. MODULE 2: Framework of Development Policy – “Macro-economic stability”, “Development strategy and growth model”, “Development and governance”, “Development planning and assistance modality”</p> <p>3. MODULE 3: Economic Development – “Agricultural advancement and rural development”, “Industrialization and regional development”, “Trade and development”</p> <p>4. MODULE 4: Social Development – “Poverty and inequality”, “Population growth and unemployment”, “Human capital (education issue)”, “Human capital (health issue)”, “Development and the environment”</p>	IMPLEMENTING PARTNER	Under planning	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2004~2008	
	REMARKS	The duration of the program may be slightly changed.	


Study Programme on Drug Abuse and Narcotics Control 麻薬行政官研修		GROUP	0880908
		Governance—Public Safety Health—Health System	
		8 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of this program is to develop human resources in the planning and administration of drug abuse and narcotics control in the respective places.</p> <p>To attain this objective, participants are expected to achieve the following:</p> <p>(1) Point out current issues and tasks in respective countries by sharing the knowledge of the current situations and experiences of Japanese narcotics administration (narcotics control, medical care and rehabilitation and preventive activities), experiences of other participant's countries and by strengthening expertise through this program.</p> <p>(2) Propose a feasible improvement plan to solve current issues and improve the situation.</p> <p>(3) Promote mutual understanding in the field of narcotics administration among respective countries.</p>	<p>(1) Administrative officers of the participating governments have sufficient experiences and adequate knowledge on the overall aspects in narcotics, psychotropics and precursors control, and have sufficient knowledge and experiences to exchange information in this area</p> <p>(2) Age: Between 30–50 years old</p> <p>(3) Individuals with proficiency in the English language</p>		
CONTENTS	PROGRAM PERIOD	Jun.15.2008~Jul.12.2008	
<p><b>【Preparatory Phase】</b> Participants will prepare and submit a Country Report describing the past and present situation and issues in the field of drug abuse and narcotics control in respective countries/organizations.</p> <p><b>【Program in Japan】</b> (1) Lectures, Study Visits and Discussion Lecturers will introduce Japanese and international experiences on drugs abuse control and its countermeasures. To provide more concrete information, study visits to the related facilities will be arranged. During the program, a discussion session will also be provided at each session for in-depth understanding. (2) Country Report and Improvement Plan Presentation session for all the participants All the participants have an opportunity to present their Country Reports at the beginning of the program. An action plan will be provided by all participants and presented at the end of the program.</p>	IMPLEMENTING PARTNER	Japan International Corporation of Welfare Services (JICWELS)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS		


<b>Customs Administration</b> <b>税関行政</b>		GROUP  0880931 Governance—Administrative Institutions 11 participants / English
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>	
<p>The objective of the seminar is to clarify the problems of the customs administration and the systems / techniques in their respective countries through comparative studies between their countries and Japan, and to find solutions and clues for such problems.</p> <p>1. Participants will propose an action plan to solve problems of customs administration in their respective countries that were identified through comparative studies of technical and institutional aspects of customs administration between their countries and Japan.</p> <p>2. Participants will re-examine international customs standards (such as the WTO Valuation Agreement, Revised Kyoto Convention, SAFE Framework of Standards) and study the measures necessary for their respective countries to meet the standards.</p>	Customs officials at middle management or management level in the Headquarters of Customs Administration.	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.21.2008～Nov.27.2008
(1) Organization and Functions of the Japan Customs (2) Customs clearance procedures and its techniques, such as HS classification and Customs valuation (3) Observation and discussions (Regional customs office etc.)	<b>IMPLEMENTING PARTNER</b>	Custom and Tariff Bureau, Ministry of Finance
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2005～2009
	<b>REMARKS</b>	


<b>Local Governance (Policy Making and Civil Society)</b> <b>地方自治研修</b>		GROUP  0880932 Governance—Local Governance 10 participants / English
Target Countries : mainly for EROPA members		
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>	
<p>&lt;Outcome&gt;            To share, at the organizational level, the proposals of local administrative policies corresponding to the needs of the participating countries by implementing action plans.</p> <p>&lt;Outputs&gt;            Through this course, participants are expected to:            (1) Identify problems in their countries through the comparative study of Japan and the participating countries.            (2) formulate an effective action plan contributing to problem-solving in their own countries.</p>	(1) University graduates or equivalents with more than 5 years of occupational experience in the civil service relating to local public administration. (2) Under 45 years old. (3) Civil service personnel holding responsible positions (managerial or supervisory) in central or local government.	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	May.29.2008～Jul.12.2008
Lectures, Observations, Field study trips, Discussion, Inception report presentation, Action plan presentation: (1) Introduction to Japanese Government and Policies, (2) Local Government and Local Administration and Decentralization (3) Tax and Financial System of Local Government, (4) Election System, (5) Local Civil Service System, (6) Regional Development	<b>IMPLEMENTING PARTNER</b>	Local Autonomy College
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2005～2009
	<b>REMARKS</b>	


<b>Modules on Fundamental Official Statistics</b> <b>統計モジュール</b>		GROUP  0880934 Governance—Statistics
Target Countries: UNSIAP will, in principal, invite participants from developing countries in Asia and		19 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
The purpose of the program is to train officials who will function effectively and efficiently and disseminate the knowledge and techniques relating to the fundamentals of statistics in a national statistical organization. The expected achievements are as follows: 1. To learn methodology related to statistics, including data- collection methods, data compiling and presentation, analysis, interpretation and prevalence, 2. To gain knowledge on statistical methods and practice, demography and social statistics, and economic statistics and SNA, 3. To be able to write a report incorporating the results of analysis and interpretation of selected statistical data, 4. To acquire sufficient knowledge on monitoring of the achievement of the MDGs, 5. To learn training skills and techniques to be able to hold seminars/workshops to disseminate the knowledge acquired in the program to participant's colleagues.	(1) Statisticians or statistical officers in national statistical organizations or other government agencies carrying out statistical functions with a basic knowledge of official statistics. (2) University graduates specialized in statistics, mathematics, economics or with equivalent knowledge and experience. (3) Age: over 25 and under 40 years old. (4) Individuals with sufficient knowledge of basic mathematics. (5) Individuals who have been working for 3-5 years in national statistics organizations or other government agencies carrying out statistical functions.	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Mar.14.2009
(1) Lectures and exercises Module I (Statistical and Survey Methods: Survey Methodologies, Statistical Methods, and Statistical Computing and Presentation) Module II (National Accounts and Economic Statistics: The 1993 SNA , Macroeconomic and Other Related Statistics) Module III (Demography and Social Statistics: Concepts and Methods of Demographic and Social Statistics and Survey Designs for Selected Household Surveys (2) Project work (3) Field Study Trips and Group Trips to Government Statistical Offices	IMPLEMENTING PARTNER	United Nations Statistical Institute for Asia and the Pacific (UNSIAP), Ministry of Internal Affairs and Communications
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	The program is conducted jointly by JICA and SIAP. <a href="http://www.unsiap.or.jp/prog_overview/trainingprog_overview.htm">http://www.unsiap.or.jp/prog_overview/trainingprog_overview.htm</a>


<b>Seminar on Criminal Investigation</b> <b>国際捜査セミナー</b>		GROUP  0880963 Governance—Public Safety
10 participants / English		English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Knowledge and techniques of the Japanese police and ultimate cooperative investigation network are gained by executive police officers from the participating countries Through the seminar, participants are expected to: 1. Identify the problems/challenges the police of your country face, based on what they learn through this course and discussions with other participants, and focusing on international cooperation for criminal investigation. 2. Formulate an Action Plan, prepare plans to be considered and implement measures against the problems/challenges the police of your country face, based on what they learn through this course and discussions with other participants, and focusing on international cooperation for criminal investigation. * What participants are expected to learn through the seminar is (1) Outline of the Japanese police, (2) Transnational Crimes and Measures in Japan, and (3) Vision of International Cooperation for Criminal Investigation	<b>【Target Organization】</b> The Central Police Agency in each participating country <b>【Target Group】</b> 1. Directors or those in equivalent positions, who are in charge of enforcement organization, and who are likely to become the highest-ranking official in each police organization, 2. Individuals ranked as superintendent or above, 3. Individuals aged between 35 and 45 years old. 4. Individuals with a sufficient command of English in speaking, reading and writing. 5. Those who have never participated in JICA seminar before	
CONTENTS	PROGRAM PERIOD	Apr.6.2008~Apr.26.2008
< Before coming to Japan > •Preparation of C/R  < Seminar in Japan > 1. Lecture: (1) Outline of the Japanese Police organization, personnel and training (2) International cooperation for criminal investigation (3) Measures against organized crimes such as cyber crimes and money laundering (4) Others such as Japanese criminal proceedings 2. Observation: prefectural police 3. Preparation of A/P	IMPLEMENTING PARTNER	NATIONAL POLICE ACADEMY, RESEARCH AND TRAINING CENTER
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	


Immigration Control Administration (Asian Countries) 出入国管理行政(アジア諸国)		GROUP 	0880996
		Governance—Administrative Institutions	
Target Countries: Philippines, Cambodia, Timor-Leste, Viet Nam, India, Maldives and Sri Lanka		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
(Objectives) Through the training program, participants are expected to make a proposal on improvement planning regarding immigration control administration.  (Outputs) 1. To be able to explain key points of the legal and operational frame work of the Japanese immigration control administration. 2. To be able to explain the immigration control techniques through the experience in special examination practices, detection of forged and falsified documents. 3. Information exchange regarding the problems on immigration control administration 4. Action plan making	<b>【Target Organizations】</b> Governmental organization in charge of immigration control administration <b>【Target Group】</b> (1) Senior immigration control officers or the directors of border control (2) Individuals with over 7 years experience in immigration control (3) Be university graduates or equivalent (4) Be under fifty five (55) years old (5) Individuals with a sufficient command of spoken and written English		
CONTENTS	PROGRAM PERIOD	Sep. 29. 2008 ~Oct. 30.2008	
Major subjects of this program are: Lectures: (1) Immigration inspection (2) Residence inspection (3) Identification of forged and altered documents (4) Violation adjudication (5) Enforcement administration Observations: (1) Kansai International Airport (2)Nishi-Nippon Immigration Center Group study	IMPLEMENTING PARTNER	OSAKA REGIONAL IMMIGRATION BUREAU, MINISTRY OF JUSTICE	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Governance Studies/Public Policy ガバナンス/公共政策(長期)		L/T 	0881114
		Governance—Administrative Institutions	
		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Capacities of national and local government officials regarding each research topics (development issues) are to be enhanced. <b>【Outputs】</b> (1) Academic theories of policy science are acquired. (2) Understanding of public policy in international settings are promoted from perspectives of international comparative study and international development. (3) Theory and practice in relation to public policy management from governance perspective are acquired. (4) Master's thesis is prepared based on knowledge and research results of above mentioned courses.	<b>【Target Organizations】</b> National and local governments (departments in charge of policy formulation, implementation and evaluation) <b>【Target Group】</b>		
CONTENTS	PROGRAM PERIOD	Feb.26.2009~Mar.30.2011	
(1) Governance, Public Administration, Politics and Development, Public Policy, Urban Policy (2) Public Finance, Economic Development, TQM in Public Sector, Spatial Planning (3) Research Method, Research Paper	IMPLEMENTING PARTNER	Meiji University, the Graduate School of Governance Studies	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Regional Development for Poverty Reduction 貧困削減のための地域開発(長期)		L/T  0881116
		Governance—Local Governance
		1 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Improvement of government officers' capability on local policy formulation as well as university staff's capability of training institutes for improving government officers' capability on local policy formulation.</p> <p><b>【Outputs】</b> 1. Acquirement of basic theory on Economic Studies 2. Acquirement of Practical knowledge necessary for policy formulation 3. Acquirement of Practical skills on management and analysis 4. Preparing a Dissertation paper based on the knowledge and skills acquired through course work</p>	<p><b>【Target Organizations】</b> Policy Planning and Training Institute in Universities, Central and Local Government Agencies</p> <p><b>【Target Group】</b> 1. Junior Staff of Policy Planning and Training Institute in Universities/Senior Development Officials of Central and Local Government Agencies 2. The above mentioned people should have more than 5 years experience.</p>	
CONTENTS	PROGRAM PERIOD	Sep.15.2008～Sep.14.2010
<p>1. Acquirement of basic theory on Economic Studies : Microeconomics, Macroeconomics, Development Economics, Development Sociology, Public Economics</p> <p>2. Acquirement of Practical knowledge necessary for policy formulation: Development Planning, Development Finance, Poverty Alleviation and International Development, Environment and Sustainable Development, Gender and Development, Japanese Politics and Foreign Policy</p> <p>3. Acquirement of Practical skills on management and analysis: Field Research Methods, Statistics Analysis, Development Project Management, Development Project Analysis</p> <p>4. Preparing a Dissertation paper based on the knowledge and skills acquired through course work : Applied Development Research</p>	IMPLEMENTING PARTNER	Graduate school of economics, Ryukoku University
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008～2010
	REMARKS	This program aims at human resource development as not mere research ability but practical ability e.g. policy advice to administrative organizations that benefits grass-root level .

International Economic and Business Law for the Economical Globalization and Economic Partnership Agreement (Master's / Doctor's Degree program) 経済のグローバル化/経済連携に向けた法整備(長期)		L/T  0881146
		Governance—Legal and Judicial Development
		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To improve the specialized knowledge of administrators and researchers involved in the development of legal frameworks in the fields of international economy and business, as well as help them improve their logical analytical skills and abilities to deal with issues faced by each country in these fields.</p> <p><b>【Outputs】</b> (1)to improve the specialized knowledge in the fields of international economy and business law (2)to improve logical analytical skills and abilities to deal with issues faced by each country in these fields. (3) to get a master's or doctor's degree in law</p>	<p><b>【Target Organizations】</b> Governmental organizations, Universities or Research institutes in charge of legal and judicial system development.</p> <p><b>【Target Group】</b> Government officials and researchers involved in the field of legal and judicial system development.</p>	
CONTENTS	PROGRAM PERIOD	LLM :Late September 2008 to Late September 2009
<p>(1) Master's Program: 1 year Complete a 20-credit coursework curriculum and submit a Master's Thesis on any topic in economic and business law. Courses offered within the program are grouped around four key themes: 1) Global Governance and Corporations 2) Economic and Business Law in Asia 3) Innovation and the Law 4) Fundamental Perspectives on Economic and Business Law</p> <p>(2)Doctor's Program: 3 years 1) Participate in the biannual Comprehensive Research Seminar; 2) Participate in the Legal Research Methodology and Writing class (first year students only) 3)Participate in the Legal Research Training Class (first and second year students) 4)Submit a doctoral dissertation within three years of enrolling on the program.</p>	IMPLEMENTING PARTNER	Graduate School of Law, Kyushu University
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008～2010
	REMARKS	

<b>Maritime Law Enforcement for East Asian Countries</b> <b>東アジア海上犯罪取締り</b>		R/F 	0884023
Target Countries : Asia		Governance—Public Safety	
		9 participants /	English
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
To uncover international marine crimes, strong relationships among countries is necessary. This course is established to strengthen such relationships and to empower officers in the field of maritime law enforcement. To achieve this objective, participants will be expected to fulfil the following: (1) Understand the international law system, (2) Understand the situation and countermeasures of trans-national maritime crimes, (3) Acquire the knowledge and skills required for maritime law enforcement activities, (4) Acquire the practical theories for planning and supervising maritime law enforcement activities.	[Target Organizations] Marine Police, Coast Guard  [Target Group] 1) Officers engaged in the field of maritime law enforcement with more than 3 years in charge of practical investigation, 2) University graduates or equivalent 3) (Preferably) Individuals 40 years old or younger 4) Individuals with a sufficient command of spoken and written English		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.20.2008~Nov.15.2008	
<ul style="list-style-type: none"> <li>○ Overview of transnational maritime crimes and countermeasures               <ul style="list-style-type: none"> <li>- Outline of piracy and armed robbery against ships and its countermeasures</li> <li>- Outline of illicit trafficking in drugs and firearms and its countermeasures</li> <li>- Outline of people smuggling and its countermeasures</li> <li>- Outline of international organised crime and its countermeasures</li> </ul> </li> <li>○ Relevant international laws and regulations               <ul style="list-style-type: none"> <li>- International laws</li> <li>- Multilateral or bilateral agreements</li> <li>- Outline of the domestic criminal judicial system in Japan</li> </ul> </li> <li>○ Practical guideline of maritime law enforcement               <ul style="list-style-type: none"> <li>- Theory of planning and supervising maritime law enforcement activities</li> <li>- Exercise of maritime law enforcement activities</li> </ul> </li> </ul> <p>This program will be held in terms of lectures, practice, table top training and on-board training.</p>	<b>IMPLEMENTING PARTNER</b>	Japan Coast Guard (JCG), The 7th Regional Coast Guard Headquarters	
	<b>JICA CENTER</b>	JICA Kyushu	
	<b>COOPERATION PERIOD</b>	2006~2010	
	<b>REMARKS</b>	* This course is not for the lawyers or lawmakers but for those actually involved in practical investigations. * To enforce anti-terrorism, we would like to invite high class officials for 1week, at the end of the program.	

<b>Seminar on Government Audit System for Central Asian and Caucasus Countries</b> <b>中央アジア・コーカサス地域政府会計検査制度セミナー</b>		R/F 	0884162
Target Countries : Central Asian and Caucasus countries		Governance—Administrative Institutions	
		5 participants /	Russian
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
Action Plans will be shared among participants to establish an effective and efficient government audit system and to improve its operation.  To reach the above objectives, participants are expected to achieve the following results: 1. understand the outline and operation of the audit systems in Japan and also participating countries; 2. identify problems in their countries and their organizations to tackle; and 3. formulate feasible Action Plan to improve audit system in their own countries.	<Target Organization> Supreme Audit Institutions (SAIs) in the central governments of Central Asia and Caucasus countries  <Target Group> 1. Those who currently are or expected to be in a managerial position of the Supreme Audit Institutions (SAIs) 2. Those who have a command of spoken and written Russian that is proficient enough for participating the seminar 3. Neither be transferred nor retire at least for five years after seminar attendance		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	June.24.2008~July.15.2008	
1) Government budget and account system in Japan 2) Audit system in Japan 3) Presentation on Country Report 4) Comparison of audit systems among participating countries and analysis of their problems 5) Formation and Presentation of the Action Plan	<b>IMPLEMENTING PARTNER</b>	Board of Audit of Japan	
	<b>JICA CENTER</b>	JICA Tokyo	
	<b>COOPERATION PERIOD</b>	2005~2009	
	<b>REMARKS</b>		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
The objective of the course is to enhance the capacity of local government officials in the Andean region (Peru, Bolivia, Ecuador) by obtaining knowledge of the Japanese local government system, comparing the experience of decentralization in the Andean region and that of Japan, identifying the problems, and preparing the action plans to solve the same.	<Target Group> Local government officials who have more than 3 years experience in the decentralization process or regional development planning. Age: over 30 and under 45 years old is preferable.	
CONTENTS	PROGRAM PERIOD	Mar.8.2009~Mar.21.2009
(1) Introduction of Japanese Government and Policies (2) Local government, local administration, and decentralization (including field trips) (3) Theory and method of development planning (4) Theory and method of rural / community development (5) Planning, management, and evaluation (6) Action plan presentation	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	

Target Countries: UNSIAP will, in principal, invite participants from developing countries in Asia and 21 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt; Trained participants are able to take measures to improve the quality and availability of social statistics.</p> <p>&lt;Outputs&gt; 1. Gained knowledge and skills in various statistical techniques for analysis, interpretation and dissemination of data that can be used to improve the data usage in the country. 2. Improved knowledge and skills in report writing and presentation techniques 3. Formulated Action Plan to operational improvement of statistical analysis, interpretation and dissemination in the National Statistical System in the country. 4. Trained Trainers for local officials</p>	<p>&lt;Target Group&gt; (1) Present position, assignment: be middle level statisticians. (2) Occupational background: have sufficient knowledge of social statistics and basic methods for statistical analysis as well as the use of personal computers for data analysis, word processing, tabulation and presentation visuals. (3) Academic background: have university degree in either statistics, mathematics, economics, sociology or have completed the six months General, Practical Statistics or Modules in Core/Fundamental Official Statistics course of UNSIAP or have attended similar training. (4) Age: be over 30 years and not more than 45 years of age at the beginning of the training course.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jul.9.2008~Sep.13.2008</p>
<p>&lt;Lectures and Exercises&gt; 1. Framework of Social Statistics 2. Statistical Data Analysis 3. Applicable Technology for Statistical Analysis 4. Training Techniques and Presentation Skills &lt;Project Work and Action Plan&gt; 1. Country report presentations 2. Project work 3. Action plan development &lt;Field Study Trip and Group Visit&gt; 1. Study visits to Japanese government offices and leading industries</p>	<p>IMPLEMENTING PARTNER</p>	<p>United Nations Statistical Institute for Asia and the Pacific (UNSIAP), Ministry of Internal Affairs and Communications</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>2007~2009</p> <p>The program is conducted jointly by JICA and SIAP.</p> <p>This course is held in the field of economic and social statistics on a biannual basis. In 2008 it is covering social statistics, while in 2009, it will cover the economic domain.</p>



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt;                      Through this seminar the participants are expected:                      -to identify challenges of personnel administration in their own countries by learning the system /operation of personnel administration in Japan as well as its purpose and background and                      -to share their awareness identified through the seminar and their Action Plans by holding seminars in their organizations to share experiences and knowledge gained through the course.                      &lt;Outputs&gt;                      Through the program, participants are expected:                      1. to understand administrative organizations and structures, national civil service system, personnel management systems and their basic concept in Japan,                      2. to identify challenges to be tackled through considering adequacy of their own administration and human resources development systems by comparison with those of Japan, and                      3. to formulate an Action Plan for ensuring fair and effective human resource management adapted to their situations through comparative study of the participating countries and Japan.</p>	<p>&lt;Target Organizations&gt;                      Organization that is responsible for personnel management of national public employees                      &lt;Target Group&gt;                      1. be an executive in charge of personnel policy formulation, planning or implementation regarding Ministry officials in Agencies for National Personnel Administration in principle.                      2. aged 30 years old or over in principle,</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jun.4.2008 ~ Jun.21.2008</p>
<p>Through a combination of lectures, discussions and field studies, the seminar covers the following topics:                      1. Overview of human resources management(HRM) : Lectures and discussions on the civil service system, public administration system and human resource management system in Japan                      2. Major issues of HRM: Lectures and discussions on career development, training system, remuneration system, discipline and ethics etc. and field studies at training institutes, regional offices of ministries and local government offices, etc.                      3. The real state of each country:                      Presentations and discussions based on country reports                      4. Practical affairs of Japanese HRM systems: Lectures and discussions on HRM systems in private and public sectors and case-study on personnel management                      5. Discussion to wrap up HRM policy</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>National Personnel Authority</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	<p>This program is for senior class officials.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      1) To be able to practice fire and rescue drill by utilizing the equipments appropriately in the real situation as a training.                      2) To be able to manage the group by using the above mentioned technique and knowledge.  <b>【Outputs】</b>                      (1) To acquire the knowledge and the techniques on fire fighting, rescue works, and safe control for various fire sites in Japan such as building, dangerous substance, forests, vehicles, ships, and aircrafts.                      (2) To acquire the knowledge and the techniques on operation of various fire fighting equipment in Japan.                      (3) To understand and practice the knowledge and techniques of emergency rescue.</p>	<p><b>【Target Organizations】</b>                      Fire Service Organization (Central Government, Local Government or Private Sector)  <b>【Target Group】</b></p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.7.2008～Oct.22.2008</p>
<p>(1) Fire prevention drill and field study                      Safety control (lecture and practice)                      Command theory (lecture)</p> <p>(2) Fire fighting equipment (lecture and practice)                      (3) Rescue and emergency measure in the various fire sites (lecture and practice)                      (4) Report to JICA the progress of knowledge/skills sharing among the respective organization.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Kitakyushu City Fire and Disaster Management Department</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt; Based on Japanese personnel administration system, its operation, its purpose and background, a participant grasps the problem on the Personnel administration in each country of the participants and awareness of the issues and the improvement plans which are formulated through the seminar are shared in the organization to which the participant belongs.</p> <p>&lt;Outputs&gt; (1) The issues and challenges of the administration system and human resource management system of the respective country are identified by participants, in comparison with Japanese systems by understanding Japanese administrative organizations and their systems, civil service system, personnel management, and various systems and their operations of the personnel management. (2) Referring to Japanese systems, participants will formulate an Action Plan (draft) concerning the fair and effective human resource management according to the situation of each country through comparison study of current situation and issues of human resource management of participating countries.</p>	<p>1. Government officials at the level of Assistant Division Director or an equivalent position involved in policy formulation planning and implementation in the central personnel administration agency(central government agency in charge of human resource management policy for all government employees)in principal. 2. University graduates or equivalent with more than 3 years of occupational experiences in regard to personnel policy formulation, planning, implementation 3. Age: between 30 and 40 years old in principal.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jan.15.2009 ~ Feb.5.2009</p>
<p>1. Overview of human resource management(HRM) and fundamental principles Lectures on the civil service system and feature of HRM in Japan 2. Human Resource Management Systems and Practices in Japan Lecture on the process of recruitment examinations, employment system, training system, remuneration system, discipline and ethics, etc. field studies at training institutes, national institutions and local government offices 3. Situation of the personnel administration of each country Presentations and discussions based on country reports 4. Wrap-up Discussion to wrap up issues and reform measures regarding the personnel administration of respective countries</p>	<p>IMPLEMENTING PARTNER</p>	<p>National Personnel Authority</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2004~2008</p>
	<p>REMARKS</p>	


<b>Application of Information and Communications Technology to Production and Dissemination of Official Statistics</b> <b>官庁統計の作成及び公表のための情報通信技術の適用</b>		GROUP  0880935
Target Countries: UNSIAP will, in principal, invite participants from developing countries in Asia and		14 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<Outcome> Trained participants are able to take measures to improve the quality and efficiency of services provided by government statistical offices by using ICT. <Outputs> 1. Gained knowledge and skills in applying important ICT related tools in GIS and data management systems including DevInfo and MS ACCESS into statistical works. 2. Gained knowledge and skills in using important statistical software including CSPRO and STATA. 3. Gained knowledge about Japanese experience in applying ICT for official statistics. 4. Trained Trainers for local officials. 5. Developed Action Plan in order to disseminate more widely what they have learned during the training and to give their colleagues motivations to improve their statistical services with the help of ICT.	(1) Mid-level statisticians with statistical computing experience and programmers anticipated to become trainers in statistical computing, (2) Age: under 40 years old (3) University graduates in computing, statistics, or with equivalent knowledge and experience.	
CONTENTS	PROGRAM PERIOD	May.7.2008~Jul.12.2008
(1) Lectures and Exercises: Introduction of ICT for Statistical Information System; Applicable ICT technologies for statistical work; Japanese experience of using ICT tools and resources in statistical and disseminations work; Training of trainers; Demonstrations of software (2) Group works, project and presentations: Country report presentations; Project work; Action plan development (3) Group visit and field study trips: Study visits to Japanese government offices and leading Japanese industries.	IMPLEMENTING PARTNER	United Nations Statistical Institute for Asia and the Pacific (UNSIAP), Ministry of Internal Affairs and Communications
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	The program is conducted jointly by JICA and SIAP. <a href="http://www.unsiap.or.jp/prog_overview/prog_ict.htm">http://www.unsiap.or.jp/prog_overview/prog_ict.htm</a>

<b>the Crime Prevention (Treatment of Offenders)</b> <b>犯罪防止(矯正保護)</b>		GROUP  0880971
Target Countries: Mainly, the Asian and Pacific region.		Governance—Legal and Judicial Development 15 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>1. Objective: Concerning the main theme on the treatment of offenders, effective countermeasures to the problems and challenges faced by each participating country will be established.</p> <p>2. Output: To reach the objective, concerning the main theme on the treatment of offenders (please see the below-mentioned main theme for this year), participants are expected to achieve the following results:</p> <p>(1) To deepen their understanding of the initiatives of Japan and other countries; (2) To analyze the current situation, problems and countermeasures in the participating countries; (3) To explore effective and practical measures towards the course objectives; (4) To formulate an individual Action Plan, based on the knowledge acquired through the training program.</p> <p>The main theme of the program is selected from important and urgent issues concerning the treatment of offenders (The main theme varies from year to year). The main theme for this year is "Profiles and Effective Treatments of Serious and Violent Juvenile Offenders."</p>	<p>1. Criminal justice officials who hold relatively senior positions in a central bureau, department or agency in the fields of policing, prosecution, corrections, rehabilitation or the judiciary;</p> <p>2. Individuals with at least five years practical experience in the criminal justice field;</p> <p>3. University graduates or equivalent;</p> <p>4. Individuals with a proficient command of written and spoken English;</p> <p>5. Individuals between thirty and fifty years of age;</p> <p>6. Individuals in good health;</p>	
CONTENTS	PROGRAM PERIOD	May.14.2008~Jun.27.2008
This program will include individual presentation sessions, lectures by visiting experts and ad hoc lectures, visits to relevant agencies in Japan, group workshop sessions, and the formulation of Action Plans, etc.	IMPLEMENTING PARTNER	UN Asia and Far East Institute for the Prevention of Crime and the Treatment of Offenders
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	UNAFEI's URL: <a href="http://www.unafei.or.jp/">http://www.unafei.or.jp/</a>

Target Countries: Mainly, the Asian and Pacific region.

10 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>1. Objective: Concerning the main theme on crime prevention and criminal justice, effective countermeasures to the problems and challenges faced by each participating country will be established.</p> <p>2. Output: To reach the objective, concerning the main theme on crime prevention and criminal justice, participants are expected to achieve the following results:</p> <p>(1) To deepen their understanding of the initiatives of Japan and other countries;</p> <p>(2) To analyze the current situation, problems and countermeasures in the participating countries;</p> <p>(3) To explore effective and practical measures towards the course objectives;</p> <p>(4) To formulate an individual Action Plan, based on the knowledge acquired through the training program.</p> <p>* The main theme of the program is selected from important and urgent issues concerning the treatment of offenders (The main theme varies from year to year). The main theme for this year is "The Criminal Justice Response to Cybercrime."</p>	<p>1. Criminal justice officials who hold relatively senior positions in a central bureau, department or agency in the fields of policing, prosecution or the judiciary;</p> <p>2. Individuals with at least five years practical experience in the criminal justice field;</p> <p>3. University graduates or equivalent;</p> <p>4. Individuals with a proficient command of written and spoken English;</p> <p>5. Individuals between thirty and fifty years of age;</p> <p>6. Individuals in good health;</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.27.2008~Oct.10.2008</p>
<p>This program will include individual presentation sessions, lectures by visiting experts and ad hoc lectures, visits to relevant agencies in Japan, group workshop sessions, and the formulation of Action Plans, etc.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>United Nations Asia and Far East Institute for Prevention of Crime and the Treatment of Offenders</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005~2009</p>
	<p><b>REMARKS</b></p>	<p>UNAFEI's URL:  <a href="http://www.unafei.or.jp/">http://www.unafei.or.jp/</a></p>

<b>Crime Prevention (Senior Seminar)</b> <b>犯罪防止(上級)セミナー</b>		GROUP  0880973
Target Countries: Mainly, the Asian and Pacific region.		Governance—Legal and Judicial Development 18 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>1. Objective: Concerning the main theme on crime prevention and criminal justice or the treatment of offenders, effective countermeasures to the problems and challenges faced by each participating country will be established.</p> <p>2. Output: To reach the objective, concerning the main theme on crime prevention and criminal justice or the treatment of offenders, participants are expected to achieve the following results:</p> <p>(1) To deepen their understanding of the initiatives of Japan and other countries;</p> <p>(2) To analyze the current situation, problems and countermeasures in the participating countries;</p> <p>(3) To explore effective and practical measures towards the course objectives;</p> <p>The main theme of the program is selected from important and urgent issues concerning crime prevention and criminal justice or the treatment of offenders. The main theme of this year will be announced at a later date in the General Information brochure.</p>	<p>1. High-ranking or senior public officials at the policy-making level whose duties are closely related to the main theme of the Seminar;</p> <p>2. University graduates or equivalent;</p> <p>3. Individuals with a proficient command of written and spoken English;</p> <p>4. Individuals between thirty-five and fifty-five years of age;</p> <p>5. Individuals in good health;</p>	
CONTENTS	PROGRAM PERIOD	Jan.7.2009~Feb.13.2009
This program will include individual presentation sessions, lectures by visiting experts and ad hoc lectures, visits to relevant agencies in Japan, and group workshop sessions, etc.	IMPLEMENTING PARTNER	UN Asia and Far East Institute for the Prevention of Crime and the Treatment of Offenders
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	UNAFEI's URL: <a href="http://www.unafei.or.jp/">http://www.unafei.or.jp/</a>

Target Countries: Central Asian and Caucasus countries

5 participants / Russian

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt; Trained participants are able to take measures to improve the quality of economic statistics in their countries.</p> <p>&lt;Outputs&gt; 1. Gained basic knowledge about the framework of economic statistics and SNA93 2. Gained knowledge and skills in survey methodology, and statistical methods of data analysis using STATA 3. Gained knowledge and skills in the compilation of data in national accounts statistics. 4. Gained knowledge about the statistical system of Japan, including collection and analysis of economic statistics 5. Trained trainers for local offices 6. Developed Action Plan</p>	<p>&lt;Target Group&gt; (1) Current job or duty position: be mid-level officials in the national statistical office (2) Occupational Background: have experience in statistics, preferably in the area of economic statistics/accounts, for 3 years or more. (3) Academic Record: be university graduates specialized in statistics, mathematics, economics or those who with equivalent knowledge and experience. (4) Age: between twenty-five (25) and forty (40) years of age</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jul.16.2008~Sep.23.2008</p>
<p>&lt;Lectures, exercises and workshops&gt; 1. Introduction to statistical system of Japan 2. Introduction to the framework of economic statistics 3. The 1993 SNA framework 4. Survey methodology 5. Statistical methods of analysis and computing 6. Presentation skills and training techniques &lt;Project work and action plan&gt; 1. Country report presentations 2. Project work 3. Action plan development &lt;Group study visit and field study trip&gt; 1. Study visits to Japanese government offices and leading industries.</p>	<p>IMPLEMENTING PARTNER</p>	<p>STATISTICAL INST. FOR ASIA &amp; THE PACIFIC (SIAP)</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2008</p>
	<p>REMARKS</p>	




Target Countries: Central Asia

11 participants



Russian


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>1. Objective: Concerning the main theme on crime prevention and criminal justice (e.g. Transnational Organized Crime, Illicit Drug Trafficking, Terrorism), effective countermeasures to the problems and challenges faced by each participating country will be established. 2. Output: To reach the objective, concerning the main theme on crime prevention and criminal justice, participants are expected to achieve the following results: (1) to deepen their understanding of the initiatives of Japan and other countries; (2) to analyze the current situation, problems and countermeasures in the participating countries; (3) to explore effective and practical measures towards the course objectives; (4) to formulate an individual Action Plan, based on the knowledge acquired through the training program; (5) to establish a network at the practitioners' level.</p> <p>* The main theme of the program is selected from important and urgent issues concerning crime prevention and criminal justice in the Central Asian region (The main theme varies from year to year). The main theme for this year will be announced in the General Information brochure.</p>	<p><b>【Target Organizations】</b> Prosecutors offices, police, ministry of the interior, courts, the president's office, ministry of justice, etc (central bureaus, departments or agencies appropriate for the topic)</p> <p><b>【Target Group】</b></p> <p>1. Criminal justice officials holding relatively senior positions in the above-mentioned target organizations; 2. Individuals with at least five years practical experience in the criminal justice field; 3. University graduates or equivalent; 4. Individuals with a proficient command of written and spoken Russian; 5. Individuals between thirty and fifty years of age; 6. Individuals in good health;</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.18.2009～Mar.13.2009</p>
<p>This program will include individual presentation sessions, lectures by visiting experts and ad hoc lectures, visits to relevant agencies in Japan, group workshop sessions, and the formulation of Action Plans, etc.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>UNAFEI</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p><b>REMARKS</b></p>	<p>UNAFEI's URL: <a href="http://www.unafei.or.jp/">http://www.unafei.or.jp/</a></p>

Seminar on Comparative Study of Law for Central Asia 中央アジア地域 比較法制研究		R/F  0884066
Target Countries: Central Asian Countries		Governance—Legal and Judicial Development 13 participants / Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Clearing up the Legal issues in the Central Asia such as the problems regarding the Technical Legislation and interpretation of a treaty, problems regarding the gap between letter and practice, Improvement plan will be formulated</p> <p><b>【Outputs】</b> (1) Participants can understand the current situation of legal system and constitutional practice of own country (2) By abstracting problems on the legal system, participants can make it clear that what kind of problems occurred in the legal practice (3) Participants can make the improvement plan regarding the abstracted problems judge</p>	<p><b>【Target Organizations】</b> Ministry to supervise the Judge, Business Enterprise</p> <p><b>【Target Group】</b> &lt;Position&gt; Person in charge of lawmaking or practice regarding the theme which Japan set up &lt;Job Experience&gt; More than 3 years practical experience in the following 3field; 1. The Judge in the court economic court 2. Government officers in the Ministry which supervise the business enterprise 3. Officers in the organization of Legal evaluation</p>	
CONTENTS	PROGRAM PERIOD	Dec.10.2008~Dec.19.2008
<p>(1) Presentation: Country Report Discussion: Issue analysis (2) Lecture: History and the present situation of self-help movement Observation: Self organizations in urban area and rural area (3) Discussion: Issues and idea of improvement Presentation: Action Plan (Tentative)</p>	IMPLEMENTING PARTNER	ICD & RTI of the Ministry of Justice (MOJ)
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	


Target Countries: Countries who are eligible to Japan's ODA loans in Asia.

7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>In order that the seminar participant and target organization will be able to utilize Japanese ODA Loans effectively, this seminar aims at an outcome that the target organization, through the seminar participant, will share knowledge on effective contract administration for international construction projects and issues to be improved regarding actual contract administration among their officers concerned. To achieve the above mentioned outcome, the seminar participant who is involved in contract administration for development projects especially utilizing Japanese ODA loans, is expected to complete the followings;</p> <ol style="list-style-type: none"> <li>1. To improve the ability to manage international contract administration especially for international construction projects,</li> <li>2. To complete an action plan to promote deepening and disseminating knowledge on project management including procurement, contract management, cost control, schedule control, quality and safety control within his/her organization, and</li> <li>3. The action plan is carried out.</li> </ol>	<p><b>【Target Organizations】</b></p> <ul style="list-style-type: none"> <li>• Government agencies of developing countries which are involved in Japan's ODA loan projects</li> <li>• Universities in developing countries to nurture human resources who will be engaged in development works</li> </ul> <p><b>【Target Group】</b></p> <ul style="list-style-type: none"> <li>• Senior officials (Director of division level or above) in charge of management for development projects with the support of Japanese ODA loans at government agencies</li> <li>• Faculties at universities in developing countries engaged in education for technical experts, who will work for development projects</li> </ul>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jul.27.2008～Aug.6.2008
<p>&lt;Preliminary phase&gt;                      Candidates for this seminar will draft a preliminary action plan and submit it to JICA with the application form. The draft action plan should include analysis on factors in contract administration hindering effective and efficient implementation of international construction projects, and actions needed to be taken within 30 days of his/her return to improve identified factors utilizing the knowledge gained in the seminar in Japan.</p> <p>&lt;Core phase in Japan&gt;                      The selected participant will gain the following knowledges through lectures, site visit and exercises;</p> <ol style="list-style-type: none"> <li>1. Present situations and trends of international development projects</li> <li>2. Project management for international development projects</li> <li>3. FIDIC contractual conditions</li> <li>4. Practice and theory of schedule control, cost control and safety control</li> <li>5. Claim evaluation</li> <li>6. Settlement of disputes</li> <li>7. Finalizing the draft action plan</li> </ol> <p>&lt;Final phase&gt;                      The seminar participant will carry out his/her action plan and report the results to JICA.</p>	<b>IMPLEMENTING PARTNER</b>	Japan Bank for International Cooperation (JBIC), Kochi University of Technology
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2007～2009
<b>REMARKS</b>		

The Criminal Justice Response to Corruption 汚職防止刑事司法支援		GROUP  0880804
Target Countries: Mainly, the Asian and Pacific region.		Governance—Legal and Judicial Development 15 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Enabling senior officials of criminal justice organizations to initiate strategy for combating against corruption after their return to respective countries</p> <p><b>【Outputs】</b> (1) Be able to explain problems of respective countries on the corruption by public officials, including challenges in criminal justice system to deal with corruption cases more properly and effectively. (2) Be able to present general measures to prevent corruption (3) Be able to present general measures to prevent corruption (4) Be able to present the effective measures on international cooperation for corruption cases</p>	<p><b>【Target Organizations】</b> Organizations involved in corruption control within criminal justice system such as anti-corruption agency, law enforcement organization and judiciary, including ministry of justice or interior.</p> <p><b>【Target Group】</b> 1. High-ranking or senior public officials at the policy-making level whose duties are closely related to the main theme of the Seminar; 2. University graduates or equivalent; 3. Individuals with a proficient command of written and spoken English; 4. Individuals under fifty years of age.</p>	
CONTENTS	PROGRAM PERIOD	Oct.14.2008～Nov.14.2008
<p>(1) (Before) Preparation for individual presentation (Japan) Individual presentation, and questions and answers (Japan) Lectures on Japanese practice, and strategy suggested by the United Nations and other leading countries (Japan) Additional explanation at the group work (2) (Japan) Lectures on Japanese practice, and strategy suggested by the United Nations and other leading countries (Japan) Visits to criminal-justice related agencies (Japan) Discussion at the group work and drafting the Action Plan (3) (Japan) Lectures on Japanese practice, and strategy suggested by the United Nations and other leading countries (Japan) Discussion at the group work and drafting the Action Plan (4) (Japan) Lectures on Japanese practice, and strategy suggested by the United Nations and other leading countries (Japan) Discussion at the group work and drafting the Action Plan</p>	IMPLEMENTING PARTNER	UN Asia and Far East Institute for the Prevention of Crime and the Treatment of Offenders
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008～2010
	REMARKS	UNAFEI URL: <a href="http://www.unafei.or.jp">http://www.unafei.or.jp</a>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Objective: Community development (CD) activities in the participants' countries will be improved based on local context, utilizing existing local resources, with the full participation of various stake holders including local communities.                      To reach the objective, participants are expected to achieve the following results:</p> <p>(1) The participant(s) will be able to draft one of the three models mentioned below appropriate for their assignment.</p> <p>① A model method of community development concerning the respective local context is formulated.                      ② A model modality of participatory planning for community development is formulated.                      ③ A model of creating an enabling environment for participatory community development is drafted.</p> <p>(2) Based on the above mentioned outputs, an Action Plan for improving community development activities is formulated.                      (3) A final report after returning to the home country is formulated, or a proposal of a mini project concerning community development is formulated.</p>	<p>(1) Local/national NGO managers, government officials who are engaged in CD                      (2) Individuals with a minimum of three years of professional experience in CD                      (3) Individuals preferably currently engaged in CD with the prospects of continuous involvement in future                      (4) Under 45 years old                      (5) Individuals with sufficient command of English                      (6) Individuals in good health                      (7) Bachelor's degree is not required</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Sep.7.2008～Oct.2.2008</p>
<p>Preparatory phase:                      1. Writing An inception Report                      2. Watching visual aid for self-preparatory study</p> <p>Program in Japan:                      The program consists of the four components including Lectures (and Q &amp; A), Workshop, Field visit, Discussion and Presentation.                      (1) Community development facilitation:Basic concept of community development,Sharing experiences,Methods of community development,Case Studies on Facilitation of Community Development in Japan                      (2)Community development planning and creation of enabling environment: Experiences in Japan, case studies on community-based planning,Methods of development planning, and partnership building among stakeholders                      (3)Preparation and Presentation of Action Plan for improving own community development activities based on the new concepts,methods, or techniques found by the participants throughout the course in Japan</p> <p>Post-program activities: After the participations return,                      (1) The Action Plan is implemented after being acknowledged by the participant's organization.                      (2) The participants must report on their post-program activities in a Final Report within 3 months of their return.                      (3) In addition to the Final Report, the participants can submit a proposal of a mini-project concerning community development. As for the proposal, it must be authorized by the participant's organization.</p> <p>*JICA will examine the relevance of follow up to those submitting a proposal, based on the Final Report.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>ShaplaNeer</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2004～2008</p>
	<p><b>REMARKS</b></p>	<p>1. The curriculum is organized via JICA Contents "Civil Society Promotion."                      2. After the participants return, JICA will implement a survey on the final report, the analysis of the contents of a proposal and the activities taken by participants after their return.</p>

<b>Enhancement of Local Government Administration and Public Services (Participatory Local Development)</b> <b>地方自治体行政強化(参加型地域開発)</b>		GROUP  0880994
		Governance—Local Governance
		17 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The objective is communities' empowerment in Participants' organizations responsible areas through a feasible development plan, which is designed by the following outputs.</p> <p><b>【Outputs】</b> 1. Participants can explain the theories, methods and role of local government to others through studying many cases in developing countries and Japan. Participants will have ideas of application the knowledge in their countries. 2. Participants organize solution ideas for their own issues based on acquired the knowledge and skills from above mentioned training units. 3. Participants design feasible action plans, which contain specific direction or methods to address their responsible local governments or areas' issues based on the above mentioned training units.</p>	<p><b>【Target Organizations】</b> Local governments/National government sections in charge of local development (* Institutes, which is in charge of policy-making for local development can be target.)</p> <p><b>【Target Group】</b> 1. Specialists and/or officials dealing with policy-making for local development with more than 3 years experience 2. Local government's officers/National government officers in charge of local development (**Researchers, who are in charge of policy-making for local development, can be target.)</p>	
CONTENTS	PROGRAM PERIOD	Feb.2.2009~Mar.28.2009
<p>1. Information sharing thorough Country report presentation 2. Lectures *Two types of lectures as follows. (1) Academic &amp; theoretical aspect by university professors (2) Practical aspect by municipalities' staffs 3. Practice of participatory method e.g. Project Cycle Management 4. Observation &amp; Discussion with local governments/SMEs/NPOs/Academic institute, etc. 5. Weekly Integration workshops to check the Participants' comprehension. 6. Symposium on Local Government Administration for Participatory Development 7. Explanation of follow up activities of Action Plan, e.g. monitoring &amp; evaluation.</p>	IMPLEMENTING PARTNER	Graduate school of Economics, Ryukoku University
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	The Kinki region has diversity of social & natural aspects, such as traditional SMEs, various farming systems etc. The region is a very good example to study a regional development, which includes both communities' own activities and local authorities support.

Target Countries: East Africa

9 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To aim to maintain public security and order by improving the police in each country toward working together with the citizens.                      This seminar is offered under the theme of "community policing" for three years, focusing on "Training System" in 2008, "overview of community policing", which maintains the state of alert and quickly respond to crimes and accidents in 2006, and "crime investigation" in 2007.                      The participants are expected:                      (1) To identify the problems/challenges faced by the police in each country, comparing the situation of Japan and participating countries,                      (2) To formulate an action plan based on the above.</p>	<ul style="list-style-type: none"> <li>• Superintendent or higher ranked individuals who are expected to become senior executives in the police organization in future.</li> <li>• Individuals with an adequate ability to converse, read, and comprehend in English.</li> <li>• Individuals officially recommended by the government of their countries (not in military service).</li> <li>• In excellent health mentally and physically.</li> <li>• Those who have never participated in JICA seminar before.</li> </ul>	
CONTENTS	PROGRAM PERIOD	May.11.2008~May.31.2008
<p>&lt;Before coming to JAPAN&gt;                      1. Writing C/R                      2. Reading Preparatory Material</p> <p>&lt;In Japan&gt;                      1. Lecture: Outline of Japanese Police, a) organization, personnel and training, b) community policing, and others.                      2. Observation: prefectural police, Police School                      3. Others. Submission of country report and its presentation, and Action Plan, opening/closing ceremony, evaluation meeting</p> <p>&lt;After the seminar in Japan&gt;                      1. Sharing AP within the organization the participants belong to                      2. Submitting Final Report</p>	IMPLEMENTING PARTNER	NATIONAL POLICE ACADEMY, RESEARCH AND TRAINING CENTER
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2008
	REMARKS	*SENIOR Level

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>At the end of the Program, it is expected that:                      An innovative draft policy option in the area of local governance shall be formulated by participating organizations.</p>	<p>Organizations responsible for or related to local governance reform in partner countries.</p>	
CONTENTS	PROGRAM PERIOD	Under Planning
<p><b>1) The formulation of a research plan to adapt Japan's experiences relevant to the priority issues</b>                      Participants dispatched to Japan shall be provided with opportunities to be exposed to knowledge of local governance in Japan through attending seminars, reviewing materials, interviewing officials and so on. Based on these findings, the participants are expected to identify the specific areas of local governance where Japan's experience would seem most relevant and formulate a plan of research for its adaptation.</p> <p><b>2) Preparation of a draft policy research paper for local governance reform</b>                      The participants shall conduct research according to the plan with the support of advisers of the host organization.                      The participants shall prepare a draft report as the product of their program in Japan.</p>	IMPLEMENTING PARTNER	Meiji University, Osaka University, Ryukoku University
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2008
	REMARKS	



Target Countries: Asia

9 participants ★ /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this seminar is to promote participating countries to forge good partnerships/collaboration among local governments and civil society organizations, in order to enhance good governance and citizen participation. To achieve these objectives, participants are expected to produce the following outputs:</p> <p>(1) Compared to the situation in Japan, participants will analyze the present condition of civil society organizations and related legal and institutional systems in their countries, and clarify the specific issues concerned.                      (2) Based on Japanese cases, participants will forge an Action Plan, which contributes to solve the above clarified issues.</p>	<p>[Target Organizations]                      (1) Governmental organizations responsible for promoting partnerships with civil society.                      (2) Civil society organizations (including NGO or CBO)</p> <p>[Target Group]                      1) National/local government officials with a minimum three years of experience in promoting collaboration with CSOs.                      2) Local/national CSO (NGO or CBO) leaders or project managers engaged in regional development.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jul.6.2008~Jul.19.2008</p>
<p>&lt;Before Coming to Japan&gt;                      Draft of C/R                      &lt;Seminar in Japan&gt;                      1) History and characteristic concept of civil society organizations in Japan                      2) Significance and systems of collaboration between local governments and civil society organizations                      3) The systems of measures and policies of local governments regarding civil society organizations                      4) Future collaboration, which will establish local governance                      5) The observation of NPOs (activities, operation and management of organizations and sharing of roles with governments)                      6) Observation of local government (promotion, subsidization policies and collaboration projects, etc.)                      7) Action plans                      &lt;After going back to home country&gt;                      •Sharing and Implementing AP                      •Draft of FR</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan NPO Center</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2008</p>
	<p>REMARKS</p>	<p>2 (two) applicants, one from a local government office and one from a local/national CSO (NGO or CBO), to be nominated from each country as far as possible.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>1) Core government officials (who have influence on decision making) in charge of local government reforms in target regions will contribute to making policies and plans to promote reform and its implementation, as well as supplying occasions to study solvents of the policy issues in concrete terms, regarding local government reforms in cooperation with academic parties in developing countries and Japan.</p> <p>2) Build up networks in organizations promoting local government reforms in developing countries.</p> <p>Reform plans for a local financing system, which would be applied to their countries, are settled by an action plan.</p> <p>1) Through comparison between Japan and participating countries, the issue for a local financing system would be recognized.</p> <p>2) Vision or prospects for a local financing system would be planned</p> <p>3) An action plan would be made for realizing their visions for local financing systems.</p>	<p><b>【Target Organizations】</b>                      Central ministries promoting local government reforms</p> <p><b>【Target Group】</b>                      Executive officials (Director level) in central governments and local government in charge of local governance who have over 10 years experience in this field and middle-level officials in charge of policy making who have over 5 years experience in this field in pairs.</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Sep.14.2008～Sep.23.2008
<p>(1)Presentation of the achievement regarding local government reforms</p> <ul style="list-style-type: none"> <li>•Progress of the local government reform through the comparison with before the forum (～2006) and after the forum (2008)</li> <li>•Analysis of the factor which caused achievement and inhibition</li> <li>•Contribution of Japanese and other countries' experience and knowledge for the reform</li> </ul> <p>(2)Field study in local government in Japan: Analysis of Japanese experience</p> <ul style="list-style-type: none"> <li>•Analysis of positive and negative experience regarding decentralization in Japan through field visit to local governments which success and fail the autonomous management</li> <li>•Explanation by local government side and accompanying lecturer as well</li> <li>•Presentation of Initial Findings on achievement sharing/presentation session in last day, Analysis of the availability to apply it to local government reform in their own countries and Report on the final achievement through TV conference to feed back the Japanese experience to local governments reform in their own countries.</li> </ul>	<b>IMPLEMENTING PARTNER</b>	Meiji University
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2007～2009
<b>REMARKS</b>		


Target Countries: South America


8 participants / Spanish


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt; Action plan to be formulated in this program for enhancing the capability of implementation and analysis of population census will be shared organizationally and implemented in participant's organization.</p> <p>&lt;Outputs&gt; Participants are expected: (1) to deepen the understanding of global trends of population census by learning the efforts of Japan and other countries regarding the 2010 United Nations round of population and housing censuses, (2) to acquire the latest knowledge and practical operation methods of population census through learning and experiencing practical aspects of population census management in Japan, (3) to identify and discuss the problems of population census in their respective countries of participants, by comparison with Japanese situation through the above process, and (4) to formulate a practical action plan for enhancing capability of staff members of their organization to implement and analyze population census.</p>	<p><b>【Target Organizations】</b> National statistical organizations</p> <p><b>【Target Group】</b> ① Statistical officers who are/will be engaged in a population census. ② Graduates from the statistics faculty of university or with equivalent knowledge. ③ Individuals with more than 5 years experience in statistical work. ④ Individuals familiar with statistical software, such as Excel.</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jun.22.2008～Aug.2.2008
<p>(1) Method of population census, Practice of population census (Plan of census, Training of enumerators, Field work, Tabulation etc.), Data base, GIS, Small area statistics etc. (2) Micro-data (3) The world trend of the 2010 round of population census. UN and CES recommendations. (4) Analysis of population census data. ① Basic structure and socio-economic structure of the population census data. ② Distribution and immigration of population. ③ Estimation of future population. ④ Mobility of population ⑤ World population, International comparison, Aging etc.</p>	<b>IMPLEMENTING PARTNER</b>	UNICO International Corporation
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2007～2009
	<b>REMARKS</b>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b> The Programme is expected to serve as an opportunity for the participating countries to share Japan's as well as other participating countries' experience in decentralization reforms and local governance, based on which the respective participating country review their reforms to seek the best way forward.</p> <p><b>【Output】</b> 1. The participants will share the experience of Japan and other participating countries in the decentralization reforms. 2. The participants will review the reform of the respective country and seek the most appropriate way forward. 3. Network will be developed among the participants to continuously exchange/share experiences and information.</p>	<p>Those who are currently, or expected in future to be, playing leading roles in the Decentralization Reforms and/or design of the local governance system of the Country, such as:</p> <ol style="list-style-type: none"> <li>1. Young managerial staff of the Ministries related to the Decentralization Reforms and/or local governance (e.g. Assistant Directors etc.)</li> <li>2. Chief executive staff of the Local Governments</li> <li>3. Executive staff of the local government association</li> <li>4. Academicians and others engaged in the study of local governance, CG-LG relations and decentralization reforms of the Country</li> </ol>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Mar.23.2009～Apr.25.2009</p>
<ol style="list-style-type: none"> <li>1. Presentation of Country Reports and discussion</li> <li>2. Japan's experience of nation building and decentralization in Meiji Era</li> <li>3. Japan's experience in the process of decentralization reforms after the World War II to date and the unique CG-LG relations</li> <li>4. Japan's unique personnel management system, its merits and demerits</li> <li>5. Fiscal decentralization and local finance (local tax and fiscal transfer)</li> <li>6. Regional development planning by local governments</li> <li>7. Urban planning and citizen participation</li> <li>8. The roles and functions of prefectural governments in Japan's local government system</li> <li>9. Japan's experience of local economic development</li> <li>10. Visit to the Ministry of Public Management, Home Affairs, Posts and Telecommunications/ the Local Government Association (National Governors Association of Japan)</li> <li>11. Final Discussion / Evaluation</li> </ol>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Graduate School of Law and Politics, Osaka University</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

Area-Focused training course Local Government Administration and Public Services (Participatory Local Development) in South West Asian Countries 南西アジア地域 地方自治体行政(参加型地域開発)		R/F  0884257
Target Countries: South West Asian Countries		Governance—Local Governance 9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The objective is communities' empowerment in Participants' responsible areas through a feasible development plan, which is designed by the following outputs.</p> <p><b>【Outputs】</b> 1. Participants can explain the theories, methods and role of local government to others through studying many cases in developing countries and Japan. Participants will have ideas of application the knowledge in their countries. 2. Participants can explain roles and systems (local finance, assembly, personnel training, etc.). 3. Participants organize solution ideas for their own issues based on acquired the knowledge and skills from above mentioned training units. 4. Participants design feasible action plans, which contain specific direction or methods to address their responsible local governments or areas' issues based on the above mentioned training units.</p>	<p><b>【Target Organizations】</b> Local governments/National government sections in charge of local development (* Institutes, which is in charge of policy-making for local development can be target.)</p> <p><b>【Target Group】</b> 1. Specialists and/or officials dealing with policy-making for local development with more than 3 years experience 2. Local government's officers/National government officers in charge of local development (**Researchers, who are in charge of policy-making for local development, can be target.)</p>	
CONTENTS	PROGRAM PERIOD	July.14.2008～Sep.6.2008
<p>1. Information sharing thorough Country report presentation 2. Lectures *Two types of lectures as follows. (1) Academic &amp; theoretical aspect by university professors (2) Practical aspect by municipalities' staffs 3. Practice of participatory method e.g. Project Cycle Management 4. Observation &amp; Discussion with local governments/SMEs/NPOs/Academic institute, etc. 5. Weekly Integration workshops to check the Participants' comprehension. 6. Symposium on Local Government Administration for Participatory Development 7. Explanation of follow up activities of Action Plan, e.g. monitoring &amp; evaluation.</p>	IMPLEMENTING PARTNER	Graduate school of Economics, Ryukoku University
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008～2010
	REMARKS	The Kinki region has diversity of social & natural aspects, such as traditional SMEs, various farming systems etc. The region is a very good example to study a regional development, which includes both communities' own activities and local authorities support.

Seminar for Local Government Officer on Private Sector Development 地方自治体による民間産業の活性化セミナー		GROUP 	0880029
Target Countries: Countries having local government policy for private company promotion		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program aims to enhance capabilities of local government officers of participating countries to support the private sector development by providing the participants with proper understanding of such support activities of local authorities in Japan.</p> <p>To achieve this program objective, participants are expected; (1) to understand the local governance system and its contribution to the industrial development in Japan, (2) to understand roles played by various stakeholders during processes of industrial cluster formation by collaboration among firms of different sizes, between firms and government organizations as well as universities, (3) to understand local resource based cross-industrial development by visiting cases of coordinated development of tourism and the primary industry, manufacturing or local handicrafts, (4) to study partnership approaches for regional development planning, infrastructure and public facility development and public service delivery, and (5) to formulate an action plan to be implemented by their local governments in the respective countries based on the implications and lessons learned from the course.</p>	<p>(1) University graduates or individuals with an equivalent background in a field related to the seminar with more than 3 years experience (2) Local Government Officials engaged in the Management and Planning of local government policies (3) Age: between 25 to 45 years old (4) Having basic computer skills</p>		
CONTENTS	PROGRAM PERIOD	Nov.9.2008~Dec.11.2008	
<p>This course is largely composed of two parts, general introduction of the local governance and the industrial development of Japan, and case studies of the private sector development with support of local governments in Kanagawa Prefecture. The general introduction is given as classroom lessons, while each case study is a combination of (1) theoretical lessons by experts, (2) explanation by local government officers of institutional systems for supporting the private sector, (3) on-site explanation of activities by the implementers through field visits, and (4) discussions among the trainees to identify lessons. Every module includes ways for human resource development and financing projects. Every participant will present their country report and the issues to be addressed by the course at the beginning of the course. At the final stage, each of them will work out and make a presentation of an action plan concept.</p>	IMPLEMENTING PARTNER	Regional Planning International Co. Ltd.	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This program will provide examples of policies implemented by local governments in Kanagawa Prefecture for their private sector development	

ASOSAI Seminar ASOSAIセミナー		GROUP 	0880124
Target Countries: ASOSAI member countries		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Outcome】</b> Effectiveness and efficiency in government audit system will be improved in each participating country.</p> <p><b>【Outputs】</b> 1. Participants will discuss and share knowledges and experiences on the following points to tackle with fraud and corruption in auditing a) Mandates which effectively enable SAIs to audit fraud and corruption b) Audit techniques to find out fraud and corruption; c) Countermeasures to deal well with fraud and corruption; and d) Precaution against fraud and corruption. 2. Participants will formulate a report on Innovative Practices and share its improvement.</p>	<p><b>【Target Organization】</b> The Supreme Audit Institutions of ASOSAI (Asian Organization of Supreme Audit Institutions) member countries</p> <p><b>【Target Group】</b> • Middle or senior officials whose works are related to countermeasures and auditing techniques against fraud and corruption in their Supreme Audit Institutions • Those who have 5 years or more work experience of auditing</p>		
CONTENTS	PROGRAM PERIOD	Jun.16.2008~Jun.25.2008	
<p>1. Lectures on audit system in Japan and the present situation and problems of auditing of fraud and corruption at Board of Audit of Japan. 2. Presentation and Discussion 1) Country Reports on the present efforts and problems to tackle fraud and corruption at the Supreme Audit Institution in each country. 2) Clarification of the problems and possible solutions to tackle with fraud and corruption in auditing by comparing with those of other countries through discussion. 3. Site visit to the Audit Committee, Secretariat, of Local Government 4. Formulating a report on Innovative Practices for establishing and practicing an effective and efficient audit system</p>	IMPLEMENTING PARTNER	BOARD OF AUDIT OF JAPAN	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS	*Senior Level	

Seminar on Control of Drug Offences 薬物犯罪取締セミナー		GROUP  0880706
		Governance—Public Safety
		17 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Through the seminar, participants are expected to: (1) Establish a close relationship among participants for future effective international cooperation for drug offence control (2) Bring their ideas together to solve the problems, thereby identifying the most effective countermeasures against drug offenses, and (3) Create a list of contact points among the participants in order to contribute to building an international network.	(1) Directors of division or in equivalent positions in charge of drug law enforcement at central government (2) Individuals with professional experience of more than three years in drug law enforcement (3) Individuals with knowledge of identification techniques (4) Age: between 30 to 50 years old	
CONTENTS	PROGRAM PERIOD	Sep.24.2008~Oct.11.2008
This seminar covers the following topics: (1) Lectures on; (a) police activities in Japan and current trends and situation of the drug offenses and their countermeasures in Japan, (b) signature analysis, and (c) Japanese organized crime group (Boryokudan or Yakuza) (2) Country Report presentation (3) Discussion on; (a) current situation of drug syndicates, (b) investigation methods and techniques, and (c) improvement of international investigative cooperation (4) Observation tours to; (a) prefectural police headquarters and police station, and (b) National Research Institute of Police Science	IMPLEMENTING PARTNER	Drug and Firearms Division, National Police Agency
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	

International Terrorism Investigation 国際テロ事件捜査		GROUP  0880777
		Governance—Administrative Institutions
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> To establish close cooperative relationship between participants in order to promote international cooperation in the field of international counterterrorism prevention. <b>【Outputs】</b> (1) to enhance cooperation through exchange information on counterterrorism measures. (2) share the knowledge on characteristics of Japanese Police system and each country's countermeasures against international terrorism (3) through submission, presentation and discussion on the Country Report, each participants are able to share the information and to create a Contact Points List in order to make an international network	<b>【Target Organizations】</b> National Police, Ministry of Interior or security organizations in charge of counter terrorism and/or international terrorism investigation <b>【Target Group】</b> •Superintendents or captain those in higher positions •those who is or was in charge of counter terrorism and/or international terrorism investigation.	
CONTENTS	PROGRAM PERIOD	Aug.17.2008~Aug.30.2008
(1) lectures and discussion on international situation, internal situation, international cooperation and other issues (2) lectures on the organization and system of the Japanese police and visit to Prefectural Police Headquarters and police stations (3) presentation of the each Country Report and discussion about it	IMPLEMENTING PARTNER	National Police Agency, Prefectural Police
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	



Target Countries : Brazil

8 participants / Portuguese

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt; To deepen the understanding of the modern-day issues of the administrative and financial system, local autonomy reform, and administrative and financial reform, and of the administrative system of local governments in Japan, and to contribute to the improvement of the systems in your country.</p> <p>&lt;Outputs&gt; The participants will</p> <ol style="list-style-type: none"> <li>1. identify problems concerning your local administration through the comparison with Japan</li> <li>2. present a clear course of action and vision of your local autonomy based on the identification of issues</li> <li>3. form networks of yours and Japanese institutions concerning local administration</li> </ol>	<p>(1) Central government officials, such as vice ministers and directors engaged in the local administration.</p> <p>(2) Local authority chiefs</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jun.29.2008 ~ Jul.5.2008</p>
<p>(1) Seminar and exchange opinions on local administration, local finance and local tax systems in the Ministry of Internal Affairs and Communications.</p> <p>(2) Seminar on training system for local government officers in Local Autonomy College.</p> <p>(3) Seminar for local administration in local government and exchange of opinions with local government officers.</p> <p>(4) Observation for public facilities for local government.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Ministry of Internal Affairs and Communications</p>
	<p>JICA CENTER</p>	
	<p>COOPERATION PERIOD</p>	<p>2008~2008</p>
	<p>REMARKS</p>	<p>This program is for senior class officials.</p> <p>This seminar will be implemented twice for JFY 2008.</p>



Target Countries : Cambodia

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Through the seminar, participants are expected to;</p> <ol style="list-style-type: none"> <li>(1) Understand the Japanese fire service administration system,</li> <li>(2) Examine the issues to be solved</li> <li>(3) Deepen the mutual relationship between the participants and Japanese officials</li> </ol>	<ol style="list-style-type: none"> <li>(1) Head of the fire service administration in the central government</li> <li>(2) Head of the departments of fire prevention, protection and international affairs at the above mentioned authority</li> <li>(3) Chief administrator of the training institution for fire prevention and protection</li> </ol>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Nov.26.2008 ~ Dec.5.2008</p>
<p>&lt;tentative&gt;</p> <ol style="list-style-type: none"> <li>(1) Seminar on fire service administration</li> <li>(2) Study tour on the fire service administration at municipal government</li> <li>(3) Exchange opinions and information on current issues related to the fire service administration</li> </ol>	<p>IMPLEMENTING PARTNER</p>	<p>Fire and Disaster Management Agency</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2008</p>
	<p>REMARKS</p>	<p>The target will be narrowed down to one country.</p>





# 5. Peace-building


Peace and Conflict Studies (Tokyo University of Foreign Studies) 平和構築・紛争予防(長期)		L/T	0881143
Target Countries: disputed countries are recommended		Peace-building—Peace-building	
		5 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> This program aims at training those who have a few years working experience in government or at similar institutions or international organizations, and intent to participate in peace-building processes and conflict prevention through activities in research, administration and international organizations.</p> <p><b>【Outputs】</b> (1) Preparatory Study (2) Acquiring the basic standpoints of conflict analysis along with the overall orientation to peace-building (3) Conflict Analysis (4) Internship &amp; Field Research (5) Thesis Writing</p>	<p><b>【Target Organizations】</b> government, other public offices, international organization and academic institutions etc <b>【Target Group】</b>  <ul style="list-style-type: none"> <li>• Those who are taking charge of policy planning, policy analysis and negotiation in governmental organizations or international organizations or those who are willing to work in the above field</li> <li>• Those who have 3 years or more work experience</li> <li>• Those who have completed 16 years of schooling</li> <li>• Those who are recognized by TUFS as being academically eligible for graduate studies</li> <li>• Those who have sufficient command of English (TOEFL score of 213 (CBT) or higher)</li> </ul> </p>		
CONTENTS	PROGRAM PERIOD	Mar, 2009 ~ Mar, 2011	
<p>(1) During PCS Seminar I, students will understand the social, political and economical situation of each conflict, and also learn the theoretical knowledge regarding Peace and conflict. (2) During PCS Seminar II, students will simulate the specific actions they think necessary to prevent or end the conflict and achieve peace in the area they chose. (3) Students will either participate on internships or field research. (4) Based on the knowledge and methods acquired during the 1.5 years, students will complete their master's thesis.</p>	IMPLEMENTING PARTNER	Tokyo University of Foreign Studies	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


Enhancement of Governance for Building Peace in Sub-Saharan Africa サブサハラ・アフリカ地域 平和構築としてのガバナンス能力強化		R/F	0884172
Target Countries: Sub-Saharan Africa		Peace-building—Governance	
		4 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Participants will enhance their capabilities in planning and implementing effective programs for the reconstruction and development of their regions. To reach this objective, participants are expected to achieve the following results: 1) To deepen the understanding of important issues regarding development and reconstruction in Sub-Saharan Africa, and to analyze the present situation and the problems 2) To learn the general concept of peace building together with the Japan's experience of reconstruction and development, and also to learn lessons out of Japan's experiences with the focus on the city of Hiroshima 3) To understand a project managing method which is helpful for effective implementation of reconstruction/development projects within your jurisdiction. 4) To learn lessons out of Japan's experiences in reconstruction and development at a local level through case studies, with the understanding of Japan's local administration system 5) To formulate a plan for the purpose of further improving one of the ongoing projects / programs in your jurisdiction by reflecting the above-mentioned items 1) - 4).</p>	<p><b>【Target Organizations】</b> Organizations/departments which are in charge of the planning of reconstruction and development programs in regional areas post-conflict or having internal conflict countries in Sub-Saharan Africa <b>【Target Group】</b> (1) Officials assigned to departments/divisions in charge of local administration in central government, who are involved in the reconstruction and development in regional areas (2) Officials in local government who are in charge of the planning and implementation of reconstruction development programs in their regions</p>		
CONTENTS	PROGRAM PERIOD	Jan.29.2009~Feb.24.2009	
<p>The program consists of the following units; (1) Issue Analysis &amp; Presentation concerning the Present Situation in Respective Countries/Regions (2) International Cooperation for Sub-Saharan Africa (3) Local Governance and Administration in Sub-Saharan Africa (4) Concept and Methodologies of Peace Building (5) Japanese Experiences in Local Administration for Reconstruction and Development: Post-war Reconstruction in Japan and Hiroshima, Policy and Measures for Reconstruction in Local Government, Reconstruction and Development Measures in Respective Sectors (Health, Agriculture, Development with the residents' participation etc.) (6) Feedback Session (review what has been learned from training and to analyze how to reconstruct and develop their own regions referring to them) (7) Final Report (Action Plan for reconstruction and development) Preparation &amp; Presentation</p>	IMPLEMENTING PARTNER	Hiroshima International Center	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2006~2008	
	REMARKS	The program period has not been fixed yet.	


# 6.Social Security


Occupational and Environmental Health Management for Sustainable Development 持続可能な発展のための職業環境保健マネジメント		GROUP  0880005
		Social Security—Labour and Employment
		7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program is designed to provide participants with the basic concepts and fundamental knowledge of occupational health, to enable them to organize and conduct research planning, management and administration in order to prevent occupational diseases and promote the health conditions of workers in their respective countries.</p> <p>To reach this objective, participants are expected to achieve the following:</p> <p>(1) To obtain knowledge of the principles and core techniques of occupational and environmental health related to medical sciences, public health and other related disciplines</p> <p>(2) To recognize the environment, from the occupational to global level in the same vector and to obtain the skill and knowledge required to create a comfortable environment on each level</p> <p>(3) To develop the ability to evaluate and propose interaction between corporations' general activities and occupational health from the viewpoint of management, labor and services</p> <p>(4) To obtain knowledge on issues regarding corporations' social responsibilities and improve the abilities to cooperate with other actors of each social stratum in dealing with such issues</p>	<p>The program targets those engaged in occupational and environmental health as members of the following groups:</p> <p>(1) Occupational health physicians, occupational health nurses, industrial hygienists/environment management experts, industrial counsellors, academicians/researchers in related fields</p> <p>(2) Administrative officials at national or regional levels (including inspectors)</p> <p>(3) Personnel in charge of occupational health, staff engaged in occupational health at labor unions (their representative bodies), employers associations (their representative bodies), and NGOs</p>	
CONTENTS	PROGRAM PERIOD	Aug.4.2008~Dec.6.2008
<p>The training program consists of the following five main components:</p> <p>(1) Lectures and exercises on occupational health (2) Field trips (3) Elective programs (4) Program on data management and computer skills (5) Presentation of country reports and formulation of an Action Plan (AP). Further, depending on the situation each year, real-time video-conferencing with overseas colleagues will be scheduled.</p> <p>Lecturers and exercises will cover the following major subjects:</p> <p>(1) General principles of occupational and environmental health (2) Epidemiology (3) Occupational safety and health administration (4) Occupational cancer (5) Occupational disorders and their prevention (6) Mental health (7) Occupational physiological sciences (8) Occupational health services (9) Management of workers' health (10) Occupational toxicology (11) Work conditions and ergonomics (12) Evaluation and control of hazardous materials in work environments (13) Industrial ecology and global environment (14) Data management/analysis with computers</p>	IMPLEMENTING PARTNER	University of Occupational and Environmental Health (UOEH)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2005~2009
	REMARKS	

Prosthetic and Orthotic Technique 補装具製作技術		GROUP  0880321
		Social Security—Support for Persons with Disabilities Health—Health System
		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of the program is to provide opportunities for healthcare professionals, including prosthetic and orthotic technicians, to acquire knowledge and techniques in manufacturing prostheses and/or orthoses through lectures, practicum, and field tours.</p> <p>The applicants will learn about the high level manufacturing of prosthetics and orthotics and will become leaders in their home country, contributing to the expansion of technologies and knowledge related to prosthetics and orthotics.</p>	<p>(1) Individuals with 10 to 20 years experience in the field of lower extremity prostheses,</p> <p>(2) Individuals going to be involved in the manufacture and education of prostheses and orthoses in applicant's respective countries upon completion of the course,</p> <p>(3) Individuals with a command of spoken and written English to understand the medical and biomechanical aspects of prosthetics and orthotics,</p> <p>(4) Individuals under forty-five (45) years of age,</p>	
CONTENTS	PROGRAM PERIOD	Sep. 2. 2008~Dec. 5. 2008
<p>&lt;Preparatory phase:&gt;</p> <p>Participants in this program are required to read certain assigned books or materials related to prostheses and orthoses before coming to Japan. The assignment will be informed in July 2007.</p> <p>&lt;Program in Japan&gt;</p> <p>(1) Lectures on (a) Anatomy, amputation and rehabilitation of lower extremities, (b) Outline of lower extremity prosthesis, (c) The clinical use of lower extremity prosthesis, and</p> <p>(2) Practicum on lower extremity prosthesis such as (a) Below knee prosthesis (BK): From casting to temporary fitting of PTB and TSB and fabricate one of them to finishing, (b)Above knee prosthesis (AK): Fabrication of IRC Ischial-Ramal-Containment Socket).</p> <p>&lt;Post-program activities:&gt;</p> <p>To disseminate the knowledge and techniques to the people concerned, for whom support is requested, and then send a report to JICA after 6months and 1 year.</p>	IMPLEMENTING PARTNER	National Rehabilitation Center for Persons with Disabilities
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	Including Japanese Language Course (50 hours)

<b>Study Programme for the Senior Social Welfare Administrators</b> <b>高級事務レベル社会福祉行政研修</b>		GROUP 	0880907
		Social Security—Social Insurance/Social Welfare Health—Health System 5 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Through introduction to the current situation and the experiences of Japan's social welfare administration, this program seeks to enhance the capabilities of senior administrative officers in charge of social welfare administration in ASEAN and other countries and thereby improve the social welfare standard, and deepen the mutual understanding and friendly relations between Japan, ASEAN and other countries. The overall goal of this program is to encourage human resources development in the field of social welfare administration and improvement of social welfare services in their respective countries. To reach this objective, participants will: (1) Specify issues and challenges by acquiring knowledge and information from Japan's experiences of social welfare policies and experiences of participating countries in the country reports presentation (2) Make a draft to improve the social welfare system and also to enhance the social welfare services in their respective countries	Senior administrative officers (Directors or Deputy Directors) who are engaged in the planning or administration of social welfare services and with adequate knowledge on the overall aspects in the social welfare services. Targeted persons are: (1) Governmental administrators in charge of the planning and management of social welfare services, (2) Individuals not less than 30 and no more than 50 years of age		
CONTENTS	PROGRAM PERIOD	Jul.6.2008～Aug.2.2008	
(1) Introduction of the Japanese social welfare system (2) Overview of the laws or related services of social welfare in Japan (3) Observation of the related organizations (4) Measures taken by local governments (5) Presentation and discussion of the Country Report (6) Formulation of an Improvement Plan	IMPLEMENTING PARTNER	Japan International Corporation of Welfare Services (JICWELS)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

<b>Study Programme for the Senior Social Insurance Administrators</b> <b>高級事務レベル社会保険行政研修</b>		GROUP 	0880912
		Social Security—Social Insurance/Social Welfare 8 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This programme will introduce the information and experiences attained in Japanese social insurance services, and encourage the active exchange of information, based on the experiences of each of the participants as well. To reach this objective, participants will: (1) Specify issues and challenges by acquiring knowledge and information from Japan's experiences of social security policies and experiences of the participating countries in the country reports presentation; (2) Make a draft to improve or enhance social security in their respective countries	Senior administrative officers (Directors or Deputy Directors) who are engaged in the planning or administration of social insurance services and who have adequate knowledge of the overall aspects in the social insurance services. The targeted persons are: (1) Governmental administrators in charge of the planning and management of social security systems, (2) Individuals not less than 30 and no more than 50 years of age		
CONTENTS	PROGRAM PERIOD	Oct.13.2008～Nov.1.2008	
The programme consists of two different courses; a Medical Insurance Course and Pension Course. (1) Introduction of a social security system, aging society, the structural reform of social security and the long-term care insurance system (common curriculum) (2) <For the Medical Insurance course> - Outline of the Medical Care Delivery and the Medical Insurance System - Reimbursement System of Medical Fees - Study Visit to Social Insurance Medical Fee Payment Fund - Trends in Medical Care Expenditure (3) <For the Pension course> - Structure and management of the Pension System in Japan - Actuarial Affairs of the Pension System - Clerical Operation of the Pension Schemes - Corporate Pension / National Pension Fund (4) Formulation of an Improvement Plan	IMPLEMENTING PARTNER	Japan International Corporation of Welfare Services (JICWELS)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

<b>Promotion of Social Participation of Persons with Disabilities through Sports</b> <b>障害者スポーツを通じた社会参加</b>		GROUP  0880958
		Social Security—Support for Persons with Disabilities
		11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The social participation of persons with disabilities (PWDs) is promoted in respective participating countries by stimulating sports activities in own organization. To reach the objective, participants are expected to achieve the following results:</p> <p>(1) To understand roles of sports to increase the opportunities for social participation of PWDs</p> <p>(2) Through comparing the present situation of the participant's own country and Japan, clarify problems, issues and objectives in promotion of sports of PWDs in respective countries</p> <p>(3) Make a realistic action plan for expanding opportunities for social participation of PWDs through sports.</p>	<p>Organizations in the sector of sports of persons with disabilities (PWDs) or organizations in the sector of sports which is working to contribute to promoting the social participation of PWDs (1) Managers or officers in the management sector with a past career of more than five years of a spot organization for PWDs, or (2) Managers or officers in the management sector with a past career of more than five years of an organization to promote sport activities in the community, (3) To add to meeting either one of the above mentioned requirements, and should be expected to contribute to the promotion of social participation of PWDs. (4) The applicants should be aged under 50 and have a good command of spoken and written English.</p>	
CONTENTS	PROGRAM PERIOD	Sep.15.2008~Nov.01.2008
<p>&lt;Preparatory Phase&gt; Development of an Inception Report, describing the general situation of sports of persons with disabilities (PWDs) in the country, presenting jobs in own organization, analysis of the problems in the field of sports of PWDs and expected outputs through the program in Japan.</p> <p>&lt;Program in Japan&gt;</p> <p>Development of an action plan, describing the realistic way of applying the acquired knowledge and experience through training in Japan to promote the social participation of PWDs through sports in own country.</p> <ul style="list-style-type: none"> <li>•Lecture and Discussion: Current surroundings of Persons with Disabilities (PWDs) in Japan and participating countries, Social Participation of PWDs, Sports of PWDs etc.</li> <li>•Practice: Teaching methodology and Instructing Points of Sports Designed for PWDs</li> <li>•Observation: Organization and Management of Sports Meetings (International, National and local levels)</li> </ul>	IMPLEMENTING PARTNER	Tokyo Sports Association for the Disabled
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>Applicants with disabilities should be able to participate in all the practice session of sports activities.</p> <p>*Applicants should be capable of self-care of their physical and mental condition. *Trainers and instructors will be prioritized lower than other applicants.</p>

<b>Mainstreaming and Empowerment of Persons with Disabilities in Africa</b> <b>アフリカ地域障害者の地位向上</b>		R/F  0884050
		Social Security—Support for Persons with Disabilities
Target Countries: Africa		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>1. To build the capacity of the DPOs in the Southern Africa Federation of the Disabled (SAFOD) countries and other parts of Africa in order to promote the African Decade of Disabled Persons, and</p> <p>2. To increase and strengthen the disability movement network in the overall African Region.</p>	<p><b>【Target Organizations】</b> Disabled Persons' Organizations</p> <p><b>【Target Group】</b> Leaders of national DPOs actively involved in the mainstreaming and empowerment of people with disabilities. Non-Disabled Persons and Government Officers are considered ineligible. Individuals under the age of fifty (50).</p>	
CONTENTS	PROGRAM PERIOD	Aug.17.2008~Sep.12.2008
<p>1. Global situation of PWDs</p> <p>2. Disability policies and movement in Japan</p> <p>3. UN mechanism and conventions</p> <p>4. Community living and IL movement</p> <p>5. Peer counseling</p> <p>6. Cross-disability concept</p> <p>7. Inception report presentation</p> <p>8. Leadership workshop</p> <p>9. Preparation of an action plan</p> <p>10. Field study (including accessibility check in town)</p> <p>11. Submission of the final Action Plan to JICA</p> <p>12. Others</p>	IMPLEMENTING PARTNER	Japan National Assembly of Disabled Peoples' International(DPI-Japan)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	<p>The course consists of a 3-week program in Japan and a 1-week program in Thailand.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The participants are expected to achieve the following outputs to contribute to the empowerment activities of deaf persons, such as increase in self-support and promotion of the social participation of the deaf persons as leaders of deaf organizations/community.</p> <p>Outcome: Action plan to improve issues of deaf persons or deaf organizations will be approved in participating organization.</p> <p>Output 1: Participants will acquire communication skill by International Sign Language.</p> <p>Output 2: Participants will be able to explain about sign language interpretation system in Japan</p> <p>Output 3: Participants will be able to analyze present situation and issues of deaf people and deaf organizations in their own countries</p> <p>Output 4: Draft of action plan to improve issues of deaf persons or deaf organizations will be formulated</p> <p>Output 5: Action plan to improve issues of deaf persons or deaf organizations will be considered by participating organization</p>	<p>(1) Deaf persons who use sign language to communicate,                      (2) Individuals with past experience or future prospects of leadership in the deaf community,                      (3) Individuals proficient in the sign language of their country and with a reasonable reading knowledge of English,                      (4) Individuals between twenty-five (25) and forty-five (45) years of age</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Oct.8.2008～Nov.23.2008</p>
<p>(1) Communication basics: Confirming communication (International sign), Japanese sign language                      (2) Organizations for deaf persons: Organization of the Japanese, Federation of the Deaf, National Congress of Deaf Youth, Standardization of sign language, U.N. Convention on the Promotion and Protection of the Rights and Dignity of Persons with Disabilities, Editing and activities by official publications, Activities of the World Federation of the Deaf Regional Secretariat in Asia/Pacific (WFD RSA/P), Working to establish standardized sign language, Board meeting of the city's Association for the Deaf, Issues in participants' countries and efforts to resolve them                      (3) Status of education, employment and welfare of deaf persons: A. Welfare facilities, Current status of welfare for the hearing-impaired in Japan, B. Welfare services for persons with multiple handicaps, C. Daily living by deaf persons (independent living), D. Deaf persons and employment, E. Deaf persons and education                      (4) Other: Observations, Sign language circle activities, How to Use PowerPoint</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>JAPANESE FEDERATION OF THE DEAF</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2005～2009</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	<p>If two or more candidates from the same country who satisfy the above prerequisites, giving priority to those belonging to WFD (World Federation of the Deaf) member organizations.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Outcome: Capacity of working environment control of the participants' organizations will be improved through dissemination program which will be implemented by participants after their going back.</p> <p>Output                      After the completion of the training in Japan participants will be able to                      (1)explain measures for chemical and physical hazard control in working place used in Japan                      (2)clarify Issues in participants' organizations                      (3)make a plan of dissemination program to improve capacity of chemical and physical hazard control in their organization                      International Office, Industrial Safety and Health Department,                      Ministry of Health, Labour and Welfare</p>	<p>1) University graduates of a science or engineering faculty or with an equivalent qualification (preferably in chemistry or a related subject.)                      2) Officials or technicians employed at health and safety and government related institutions involved in:                      1. Occupational disease prevention                      2. Toxic substance measurement                      3. Promotion and guidance for an improved work environment</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.26.2008~Aug.2.2008</p>
<p>The following major subjects will be covered in the program:                      (1) Japan's Occupational Health &amp; Safety System/Laws and Regulations, Labour Standards Inspection System, Worker's Compensation                      (2) Occupational Health Overview: History of Occupational Disease &amp; Countermeasures Therefore in Japan (3) Working Environment Measurement/Control of Toxic Substance Exposure/Biological Monitoring                      (4) On-site Improvement of Work Environments (including Stepped participatory approach to low-cost improvement) (5) Practice On-site at Plants                      (6) Comprehensive Risk Management (7) Training Evaluation &amp; Measurement of Effects                      Participants should be kindly required to bring country reports contained on CD-ROM, and are also required to bring photographs and statistics of workplaces supposed to have serious problems in your country (to facilitate brainstorming among the participants to further improvement the environment in the workplace.)</p>	<p>IMPLEMENTING PARTNER</p>	<p>JAPAN INDUSTRIAL SAFETY AND HEALTH ASSOCIATION</p>
	<p>JICA CENTER</p>	<p>JICA Osaka</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2010</p>
	<p>REMARKS</p>	<p>As you will be aware in the section [Essential Facts] in the General Information section, we are trying to introduce a follow-up system for ex-participants to be able to monitor their achievements. In detail, we have a session to discuss during the first week of the technical training (programme).</p>



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The government staff in developing countries will be able to draft technical standards on occupational safety and health in construction industry, and enforce these standards.</p> <p><b>【Outputs】</b> I. By the end of the course in Japan: (1) ① To be able to explain current situation and issues on occupational safety and health of construction industry in participant's own country. (2) ② To be able to explain a summary of laws, regulations, technical standards and guidelines on occupational safety and health applicable to construction industry. (3) ③ To be able to explain voluntary activity on occupational safety and health at construction site (4) ④ To be able to advise employers and workers on safe work and emergency preparedness. (5) Interim report(Action Plan), which is aimed at disseminating the process and approach of occupational safety and health, is supposed to be presented by participants. Additionally, each Action Plan is evaluated by the checksheet which would confirm the quality of Action Plan</p> <p>II. After returning to their home country: After the Core Phase in Japan, Participants are expected to hold a seminar which aims to disseminate the process and approach of occupational safety and health based on the Action Plan .</p>	<p><b>【Target Organizations】</b> The government authority in charge of occupational safety and health in developing countries <b>【Target Group】</b></p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.12.2008～Sep.20.2008</p>
<p>(In Japan) (1) •Preparation and presentation of country report •Lecture on occupational safety and health administration •Lecture on workers' accident compensation scheme •Lecture on zero accident strategy of construction industry in Japan (2) •Lecture on overall management for intermingled workers •Lecture on safety of scaffolding, machinery and equipment •Lecture on training and license system •Lecture on asbestos safety at demolition work •Lecture on system of plans notification to the authority (3) •Lecture and practice on Hazard Prediction Training(KYT) •Lecture on Safety Construction Cycle •Lecture and exercise on risk assessment •Lecture on occupational safety and health management system(OSHMS) (4) •Lecture and practice on personal protective equipment(PPE) •Practice on first aid •Practice on emergency preparedness at tunnel construction •Construction site visit •Case study of occupational accident (5) •Preparation and presentation of action plan</p> <p>&lt;Post-program activities (After participants' return)&gt; Within 6 months of the end of the course in Japan, participants are expected to implement the plan proposed in the Action Plan and report the progress as a final report.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Japan Construction Safety and Health Association</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

Target Countries: Middle Eastern Countries

5 participants / Arabic

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【PURPOSE】</b>                      Based on the philosophy of CBR, the participants would conduct pilot activities and disseminate the lessons learned to the other organizations so that the children and adults with disability would receive necessary care, equal opportunities and be fully included in the society.</p> <p><b>【OUTPUT】</b>                      (1) Basic ideas on CBR and roles of persons involved in CBR are shared with the participants.                      (2) The participants would recognize and know how to utilize the social resources surrounding the persons with disability.                      (3) The participants make a plan of actions through which CBR activities are properly realized.                      (4) The participants conduct the plan of actions in their home towns.</p>	<p>Basically, two persons as below participate from one country.</p> <p>(1) Person from an organization which (is willing to) exercises CBR.                      (2) Administrator in charge of CBR</p> <p>*A participant should understand deeply about the life and problems of persons with disability.                      *Persons with disability are acceptable.</p>	
CONTENTS	PROGRAM PERIOD	Jun.11.2008~Jul.20.2008
<p><b>【PREPARATORY PHASE】</b> (before coming to Japan)                      The participants are required to have discussions with colleagues, JICA volunteers or experts to summarize a report on the practice of CBR and critical issues concerning the care for persons with disability.</p> <p><b>【CORE PHASE】</b> (conducted in Japan)                      - Workshop for better understanding about the issue and course purpose                      - Idea on CBR and community welfare in Japan                      - Through-life support to the persons with disability                      - Inclusive education in the community                      - Social resources available and utilization                      - Sports and recreation for the persons with disability                      - Individual support plan                      - Early child care and daily support by family members                      - Visit to houses of persons with disability                      - Drafting a plan of actions</p> <p><b>【FINAL PHASE】</b> (after returning to home countries)                      - Holding report meetings                      - Revision, authorization and implementation of the plan                      - Writing a progress report                      - The monitoring study(questionnaire execution from JICA Hokuriku) for a certain period</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p>	<p>International Community of the Rehabilitation Sector (NPO)</p> <p>JICA Hokuriku</p>
	<p><b>COOPERATION PERIOD</b></p>	2007~2009
	<p><b>REMARKS</b></p>	<p>- Training language would be Arabic.                      - The participants should preferably have some relationship with other JICA activities or people.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>An action plan, which is made during the training course, will be developed and systematized to comprehensively assist victims in the respective participating countries.</p>	<p><b>【Target Organizations】</b> Central or local government to plan and implement policies for assisting victims</p> <p><b>【Target Group】</b> Central or local government officials, aged between 25 and 45 years old, in charge of planning and implementing policies to assist victims</p>	
CONTENTS	PROGRAM PERIOD	Oct.16.2008～Nov.29.2008
<p>(Before arrival in Japan) Job report making</p> <p>(In Japan) Job report presentation Lectures &amp; discussions on: Introduction &amp; basics of assistance for victims Present situation regarding various victims &amp; countermeasures for the same in Japan &amp; abroad, etc. PCM training for making an action plan Presentation of an action plan for participating countries. Field trips</p> <p>(After returning to respective countries) Develop and systematize the action plans, based on what is acquired during training in Japan, to assist victims in participating countries.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	International Victimology Institute, Tokiwa University
	<p><b>JICA CENTER</b></p>	JICA Tsukuba
	<p><b>COOPERATION PERIOD</b></p>	2007～2009
	<p><b>REMARKS</b></p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Overall Goal: Towards the "Society for All", the equal participation of persons with disabilities is promoted and welfare services and systems for individuals with disabilities in each country are developed.</p> <p>In order to empower individuals with disabilities as leaders and consequently their organizations, participants are expected to achieve the following objectives:                      (1) To acquire and enhance wide-ranging knowledge and skills, encompassing both national and international disability related issues.                      (2) To be able to analyze disability related issues in their home countries and find practical solutions to the same.                      (3) To build leadership capacity and be able to empower others with disabilities in their organizations, society and country.                      (4) To know how to write a project proposal and how to make an effective presentation.                      (5) To exchange ideas and experience with other participants in the program and promote mutual understanding.                      (6) To implement the project proposal written during the program.</p>	<p>(1) Leaders of governmental and non-governmental organizations / groups of persons with disabilities who have disabilities.                      (2) More than 3 years of working experience in relevant fields is preferable.                      (3) Age: 25-40 years old</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Oct.21.2008~Dec.12.2008</p>
<p>&lt;Preliminary phase&gt; Inception Report Presentation (Personal data and/or general country and organizational information)</p> <p>&lt;Program in Japan&gt;                      (1) Lectures and discussions: governmental policies/welfare system, support systems, education and employment issues, disability movements, transportation and accessibility, human rights and advocacy.                      (2) Visits: national rehabilitation centers, (sheltered) workshops, independent living centers, organizations specific for each type of disabilities and centers run by persons with disabilities.                      (3) Regional visits: regional welfare services for persons with disabilities                      (4) Individual training: according to participants' individual interests and expertise.                      (5) Workshops: facilitator skills, proposal writing, organization management and peer-counseling.                      (6) Project Plan Presentation                      (7) Evaluation</p> <p>&lt;Program in home country&gt;                      (1) Submission of a Progress Report (result of the project implementation)                      (2) Finalization</p>	<p>IMPLEMENTING PARTNER</p>	<p>JAPAN. SOC. FOR REHAB. OF PERSONS WITH DISABILITIES</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2010</p>
	<p>REMARKS</p>	<p>* Information about previous training programs can be obtained on the "Training" pages at the "jicafriends" web site, which was created to promote exchanges among ex-participants of two training programs, "Leaders of Persons with Disabilities" and "Vocational Rehabilitation and Employment Promotion of Persons with Disabilities." URL: <a href="http://www.jicafriends.jp/">http://www.jicafriends.jp/</a></p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Course Objectives】</b> Participants will acquire necessary knowledge and skills to improve their countries' policy for industrial safety and health by learning Japanese cases.</p> <p><b>【Outputs】</b> 1)to understand the outline of Industrial Safety and Health policy in Japan and its measures (KYT, etc), 2)to understand how industrial safety and health policy is being carried out in the workplaces, i.e. factories and construction sites, and 3)to examine improvement of industrial safety and health measures in their own countries, comparing each relevant country's case and Japan's based on 1) and 2), and formulate action plan.</p> <p>Participants are expected to actually implement their action plans after their return home and requested to report the progress to JICA</p> <p>After the Core Phase in Japan, Participants are expected to submit implementaion/progress report to JICA.At the same time, JICA may monitor how the progress of their Action Plan is.</p>	<p><b>【Target Organizations】</b> Governmental organizations mandated to formulate and promote measures and administrate industrial safety and health.</p> <p><b>【Target Group】</b> Individuals under 45 years of age, with more than 3 years of occupational experience in this field.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Oct.8.2008～Nov.8.2008</p>
<p>This course consists of lectures, workshops and observation tours. The main subjects are as follows:</p> <p>Program in Japan (1) Japan's administrative system and legal framework of occupational safety and health, (2) History of Japan's occupational safety and health, (3) Role of industrial accident prevention organizations, (4) Occupational safety and health support programs for SMEs (Small and medium-sized enterprises), (5) Method of occupational safety and health education, (6) OSHMS (occupational safety and health management system) in Japan, (7) Zero-accident Campaign and KYT (hazard prediction training), (8) Health promotion with THP (Total Health Promotion Plan) in Japan, (9) Mental health in the workplace, (10) Private sector's occupational safety and health activities, and (11) Formulation of an action plan.</p> <p>Program in home countries (12)After the Core Phase in Japan, Participants are expected to submit implementaion/progress report to JICA. (At the same time, JICA may monitor how the progress of their Action Plan is.)</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>JAPAN INDUSTRIAL SAFETY AND HEALTH ASSOCIATION</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p><b>REMARKS</b></p>	<p>Possible target countries: Countries striving to improve the industrial safety and health situation.</p>

Target Countries: Countries wishing to develop Labour-Management Relation Policy

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this seminar is to introduce the socio-economic and historical background of the IR, especially the cases of SME (Small and Medium sized Enterprises). Also, we are going to introduce the historical process of the Labour administration focused on post-war IR administration.</p> <p>By making the participants understand the present condition as well as the function of our country's IR, and at the same time, conducting comparative research of the IR among the participants' countries, we aim to encourage trainees to comprehend their own countries' present conditions objectively and gain the ability to improve the situation.</p>	<p>(1) Mid-ranking officers in charge of labour-management relations administration in government organizations and trade union leaders, etc.                      (2) Individuals with more than three years of occupational experience.</p>	
CONTENTS	PROGRAM PERIOD	Jun.3.2008~July.9.2008
<p>This Seminar consists of the following lectures from specialists:</p> <ol style="list-style-type: none"> <li>(1) Japanese Post-war Labour Law</li> <li>(2) Labour Economic Condition of Today</li> <li>(3) Industrial Relations Administration and Labour Policy</li> <li>(4) Industrial Relations Law</li> <li>(5) System to solve group and individual disputes</li> </ol> <p>Also through a visiting tour to the Local Labour Office and the Offices of Workers and Employers, participants are expected to comprehend the IR, especially the situation of the workers of SME (Small and Medium sized Enterprises) and government and municipal officers.</p> <p>Participants are to submit the report as a follow-up within 3 to 6 months after the seminar.</p>	IMPLEMENTING PARTNER	THE ILO ASSOCIATION OF JAPAN, INC.
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2007~2009
	REMARKS	Countries where labour issues are important are encouraged to participate in this program.

<b>Vocational Rehabilitation and Employment Promotion of Persons with Disabilities</b> <b>-Workshop Management</b> <b>職業リハビリテーションと障害者の就労</b>		GROUP 	0880872
Target Countries: Asia and Pacific Region		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The overall goal of this program is to improve and expand the employment status of persons with disabilities.</p> <p>To improve the employment status of persons with disabilities in participants' organization: Participants are expected to take the following actions in order to achieve the above written goal:</p> <p>(1) Analyze the employment status of persons with disabilities, vocational rehabilitation and vocational support systems of home countries and understand the major issues and problems regarding the management of vocational rehabilitation centers, workshops/work centers.</p> <p>(2) Improve the knowledge and skills of problem-solving, management of workshop/work centers, facilitation and proposal writing.</p> <p>(3) Formulate a Project Plan which intends to promote the employment of persons with disabilities and to improve disability-related activities of their organizations.</p> <p>(4) Implement their project plans in their home countries and submit a Progress Report after 6 months of completion of the program in Japan.</p>	<p>Directors, managers and instructors at workshops/workcenters or vocational rehabilitation centers who resume duties at grassroots levels (such as NGOs), concerning employment and vocational rehabilitation for persons with disabilities on their return. Those who work at grassroots levels are prioritized above governmental officers. The participation of people with disabilities is also appreciated.</p>		
CONTENTS	PROGRAM PERIOD	Jun.17.2008~Aug.02.2008	
<p>&lt;Preliminary Program in home country&gt;Job Report: report on the overall situation of PWDs in respective countries</p> <p>&lt;Program in Japan&gt;</p> <p>(1) A series of lectures, dialogues, case studies and field studies</p> <p>(2) Presentation of a Job Report</p> <p>(3) Management skills</p> <p>(4) Facilitation skills</p> <p>(5) Individual Training</p> <p>(6) Regional visits</p> <p>(7) Submission of Project Plan</p> <p>(8) Evaluation</p> <p>&lt;Post-program Activities in the home country&gt; Pursue their own project plans. reporting the progress report to JICA.</p>	IMPLEMENTING PARTNER	JAPAN. SOC. FOR REHAB. OF PERSONS WITH DISABILITIES	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2004~2008	
	REMARKS	<p>Applicants should not be medical doctors or nurses. The program consists of visits, practices and discussions using participatory methods. The fruits of this program are the ability for participants to learn about PWDs' employment promotion in Japanese organizations at all different levels, from policy level to grassroots activities. Information about previous training programs can be obtained on the "Training" pages at the "jicafriends" web site, which was created to promote exchanges among ex-participants of two training programs, "Leaders of Persons with Disabilities" and "Vocational Rehabilitation and Employment Promotion of Persons with Disabilities." URL: <a href="http://www.jicafriends.jp/">http://www.jicafriends.jp/</a></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program aims at institutional capacity building through participants of this program to gradually improve the Quality of Life of Persons with Intellectual Disabilities (PWID) in a community.</p> <p><b>【Objective】</b> To improve the Quality of Life (QOL) of Persons with Intellectual Disabilities (PWID) through the realization of each participants' action plan, using a community approach. The human rights of PWID are to be recognized. To reach the objective, Participants are expected to achieve the following: (1) To understand the Support system for PWID in Japan (2) To analyze the Situation of PWID in the respective countries (areas) (3) To formulate an Action Plan to improve the situation of PWID in the countries (4) To complete and submit a progress report of their action plan within 5 months of completion of the program in Japan.</p>	<p>Executive managers/officials/coordinators responsible for the administration, planning and implementation of field programs from either local/national NGOs for community development, social welfare, community health, or a Community Based Rehabilitation (CBR) center for persons with disabilities. Participation from countries where there are active NGOs in the communities is highly recommended.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>May. 20. 2008～July. 21. 2008</p>
<p>&lt;Preliminary Program in the home country&gt; (1) Submission of the Inception Report</p> <p>&lt;Program in Japan&gt; (1) A series of lectures, dialogues, case studies and field studies (2) Presentation of the Inception Report (3) Management skills (4) Individual Training</p> <p>&lt;Program in Bangladesh&gt; (1) Discussion and field studies (2) Submission of the Interim Report (Action Plan) (3) Evaluation</p> <p>&lt;Program in the home country&gt; (1) Submission of the Final Report (2) Certification and Finalization</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Japan League on Developmental Disabilities</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2005～2009</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	<p>This program incorporates a field study trip to Bangladesh (until August 2). Because the objective of this program is to build Institutional Capacity, it requires the materialization of each participant's action plan upon completion of the program. Organizations which are interested in those activities are highly recommended to participate.</p> <p>More program information is provided on the Website.: <a href="http://www.gtid.net/">http://www.gtid.net/</a> All the participants can join to become members of the group Web site to create a network among participants, JICA and JLDD.</p>



Target Countries: Central American and Caribbean Countries (Hispanic Countries)

7 participants / Spanish


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Rational and Realistic action plan about Independent Living Activity or Self-help Movement of Persons with Disabilities in participants respective countries will be formulated and shared among related personnels.</p> <p><b>【Outputs】</b>                      (1) Participants will be able to explain the present situation and issues of persons with disabilities in their countries                      (2) Participants will be able to explain the value and management method of Self organizations                      (3) Participants will be able to explain concept and practical method of Independent Living                      (4) Participants will be able to formuoaate action plans for issues of persons with disabilities in their countires</p>	<p><b>【Target Organizations】</b>                      Self-organization of Persons with Disabilities  <b>【Target Group】</b>                      Member of Self-organization of persons with disabilities                      To have more than three years experience of activities in self-organization                      To be persons with disabilities</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Nov.16.2008～Dec.05.2008</p>
<p>(1) Presentation: Country Report                      Discussion: Issue analysis                      (2) Lecture: Histry and the present situation of self-help movement                      Observation: Self organizations in urban area and rural area                      (3) Lecture: Independent Living Activity, Peer counseling, Relationship with government                      Observation: Independent Living in urban area and rural area                      Practice: Experience of Independent Living                      (4) Discussion: Issues and idea of improvement                      Presentation: Action Plan (Tentative)</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Independent Living Center                      Mainstream Association</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	


Target Countries: Oceanian Countries

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Outcome: The action plan to improve or solve issues regarding social welfare and education for Persons with Disabilities will be approved in participating organizations.</p> <p>Output1: Participants will be able to explain following matters regarding social welfare and education for Persons with Disabilities (PWDs) in Japan.                      (1) Social Welfare Administration for PWDs                      (2) Educational Administration for PWDs                      (3) Activities to improve quality of education                      (4) Promotion of employment for PWDs                      (5) Life in community of PWDs</p> <p>Output 2: Participants will be able to analyse issues of their own organizations.</p> <p>Output 3: The action plan to improve or solve issues in participating organizations will be formulated.</p>	<p>【Target Organizations/Target Group】                      Government officials, teachers of filed workers, in the field of welfare, education, employment and community life of PWDs.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jan.19.2009～Feb.26.2009</p>
<p>[Self-study/Lecture]: Japan's history, efforts and challenges of education, welfare and employment for PWD.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Osaka Kyoiku University</p>
<p>[Presentation] Current circumstances, efforts and challenges of participants' countries.</p>	<p>JICA CENTER</p>	<p>JICA Osaka</p>
<p>[Observation] Practical Examples of Japan's support to PWD</p>	<p>COOPERATION PERIOD</p>	<p>2006～2008</p>
<p>[Discussion/Presentation] Action plan applicable to participants' countries.</p>	<p>REMARKS</p>	

# 7. Transportation

Road Engineering and Administration 道路技術		GROUP 	0880216
Target Countries: Countries with less than 50% sealed roads (national average)		7 participants /	English
TRANSPORTATION—National Transportation			
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
The capabilities for road engineering and administration will be improved through acquiring comprehensive knowledge and know-how necessary for appropriate road administration and management. To reach the objective, the following are expected: 1) To recognize the importance of the road survey and planning, and acquire the above methods, 2) To understand the procedure of road designing and construction, and acquire the key points for the field work management, 3) To understand the road maintenance, repair and management system in Sapporo city through practical exercises, and to be able to consider the applicability in the respective countries, 4) To understand the system of legislation, finance, and administration concerning roads in Japan, and to be able to consider the applicability in the respective countries, 5) To propose an action plan to solve the problems in the respective countries applying the lessons learned throughout this course.	【Target Group】 (1) Individuals nominated by each government in accordance with the proper procedures (2) University graduates or with equivalent technical qualifications in road engineering and administration, and with at least 5, preferably about 10, years of practical experience (3) senior technical officers in charge of road administration or road construction management in central or provincial government bodies (4) Individuals proficient in spoken and written English (5) Individuals over 30 and under 40 years of age (6) Individuals in good health and able to undergo the course of training		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	July.8.2008～Sept.13.2008	
<Preparatory Phase> Prepare a Country Report which describes the present situation, the direction and the problems related to road engineering in respective countries. <Curriculum in Japan> Lectures: Administrative Outline, Road Sector Outline, Survey, Road Planning, Road Design, Road Construction Techniques & Management, Road Maintenance, Road Management, Construction Contracts, Rainwater Drainage, Human Resource Development Practical Exercises: Construction design, Road maintenance, Rainwater Drainage (Maintenance of the drain pipe for rainwater drainage) Site visits & observation: Major facilities in Sapporo concerning road management, Road planning and construction sites, Asphalt and concrete plants, Road maintenance, Road conditions in cities outside Sapporo Discussions: Presentation: Country Report presentation, Action Plan presentation	<b>IMPLEMENTING PARTNER</b>	Construction Bureau, City of Sapporo	
	<b>JICA CENTER</b>	JICA Sapporo	
	<b>COOPERATION PERIOD</b>	2006～2010	
	<b>REMARKS</b>		

Seminar on Air Traffic Management 航空交通管理セミナー(20年度休止)			0880400
TRANSPORTATION—International / Inter-regional Transportation		10 participants /	English
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>		
Participants are expected to: (1) To understand the administrative system of civil aviation in Japan, (2) To understand the development and present situation of Air Traffic Services in Japan, (3) To understand the development and present situation of Air Traffic Control Services in Japan, and (4) To review the problems of Air Traffic Control Services and Air Traffic Services in the countries of the participants	(1) Individuals with no less than 3 years of experience in the field of Air Traffic Management (2) Air Traffic Controller who is expected to be engaged in the management of Air Traffic Control (ATC) or Air Traffic Services (ATS) in Air Traffic Control organizations in future is preferable. (3) Age: under 40 years old		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>		
In this program, the following will be covered through lectures, discussions and observation trips.  (1) Civil Aviation and Transportation in Japan (2) Air Traffic Services at present and in future (3) Air Traffic Management in Japan (4) Country Report Presentation (5) Observation at Airports, Area Control Centers (6) Study Report Presentation	<b>IMPLEMENTING PARTNER</b>	CIVIL AVIATION BUREAU, MLIT	
	<b>JICA CENTER</b>	JICA Tokyo	
	<b>COOPERATION PERIOD</b>	1981～2009	
	<b>REMARKS</b>	This program is conducted biannually. The next seminar will be held in fiscal year 2009.	

**Information Management for Maritime Activity and Disaster Prevention  
(Internationally Accredited Category B Course for Hydrographic Survey)**  
海洋利用・防災のための情報整備

GROUP  0880713

Transportation—International / Inter-regional Transportation

Target Countries: Maritime countries

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Through the course, participants are expected:</p> <p>(1) to acquire knowledge and technique of hydrographic survey for preparing Nautical Charts (2) to acquire the knowledge of concepts of GIS and use the hydrographic survey data for maritime activities (3) to acquire the knowledge of maritime disaster prevention such as Earthquake and Tsunami</p> <p>Since the course is qualified for the International Accredited Category B for Hydrographic Survey, participants are given certificate of the Category B at the completion of the course.</p>	<p>[Target Organizations] National hydrographical offices or other relevant organizations responsible for carrying out hydrographical surveys of the sea</p> <p>[Target Group] Individuals with at least 2 years of occupational experience. A 2 year program of mathematics and physics, at least at technical college level, Individuals under 40 years old.</p>	
CONTENTS	PROGRAM PERIOD	
<p>The program will be conducted in the form of lectures, practice, field training, and study tour. Details are as follows:</p> <p>(1) Hydrographic Survey (INTERNATIONALLY ACCREDITED CATEGORY B) (2) Computer (Programming, Database, etc.) (3) GIS (Hazard Map against Tsunami) (4) Tsunami, Earthquake (5) Marine Environment (6) On board training</p>	May.11.2008~Dec.4.2008	
	IMPLEMENTING PARTNER	Hydrographic and Oceanographic Department
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	Participants are given certificate of the Category B at the completion of the course.


**Seminar on CNS(Communication,Navigation,Surveillance)Technology**  
航空通信・航法・監視(CNS)技術セミナー


GROUP  0880744

Transportation—International / Inter-regional Transportation

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The program objective is to acquire fundamental knowledge of Future Air Navigation System.</p> <p>Participants are expected to achieve the following:</p> <p>(1) Understand the problems of current air navigation / air traffic control system, (2) Understand fundamental knowledge on new navigation systems and transition planning toward the new system (3) Obtain techniques for the development of an original master plan for each country's new CNS (Communication, Navigation, and Surveillance) system</p>	<p>[Target Organizations] National Air Traffic Offices or relevant organizations responsible for carrying out air navigation or air control</p> <p>[Target Groups] (1) Individuals with more than 5 years' occupational experience in the field of current air navigation and air traffic control system (2) Individuals experienced in designing air navigation and air traffic control system (3) Individuals under 40 years old</p>	
CONTENTS	PROGRAM PERIOD	
<p>The program will be conducted in the form of lectures, sites observation. Details are follows;</p> <p>(1) Problems of the current system (2) New Navigation System (New CNS System Based on FANS Concept, New Communication System, New Navigation System, New Surveillance System) (3) Implementation plan for CNS in Japan (Outline, Communication System, Navigation System, Surveillance system, Application for New System, User Facilities) (4) Facility Observation (5) Summary and Discussion</p>	Oct.2.2008~Nov.1.2008	
	IMPLEMENTING PARTNER	Civil Aviation Bureau, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2002~2010
	REMARKS	

Shipping Administration for ASEAN members 海事行政(ASEAN諸国対象)		GROUP 	0880791
Transportation—Capacity Development for Transport Sector			
Target Countries: ASEAN member countries that faced on the sea		7 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>After this training finished, the high class officer responsible for shipping administration of the ASEAN member country become making their policy in line with global standards of the international shipping.</p> <p>(1) Understand current stream of world shipping and Japanese shipping  (2) Understand government policy on shipping and shipping related sectors  (3) Understand the roles and functions of agencies related to shipping administration and its cooperation  (4) Understand the private activities of shipping business, shipping management, insurance  (5) Understand the developing shipping policy</p>	<p>&lt;Target Organizations&gt;  Central or local government in charge of the field of Shipping administration in ASEAN member countries.  &lt;Target Group&gt;  (1) College graduates, or have the equivalent academic background  (2) Currently employed in the national shipping office or other pertaining organizations which are responsible for carrying out shipping administration, with at least ten (10) years of the occupational experience,  (3) Have a sufficient command of spoken and written English</p>		
CONTENTS	PROGRAM PERIOD	Dec.2008~Dec.2008	
<p>The following subjects will be covered in this program through lectures, observations and discussions</p> <p>(1) Maritime transportation  (2) Shipping administration  (3) Private sector of shipping and shipping related sector  (4) Development of shipping policy for shipping sector on participant's country</p>	IMPLEMENTING PARTNER		
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Seminar on Airport Engineering Policy 空港技術・政策セミナー		GROUP 	0880878
Transportation—International / Inter-regional Transportation			
Target Countries: Countries with airports		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Participants are expected to identify existing problems in their airports and suggest alternative policies for airport engineering by:</p> <p>(1) Understanding the airport system and policies in Japan  (2) Understanding airport construction, planning, maintenance, administration and management in Japan  (3) Examining the administration system in the privatized airports  (4) Examining measures to improve airport safety</p>	<p>&lt;Target Organizations&gt;  Central or local government in charge of Civil Engineering, Architecture, Maintenance, Airport Safety, or Administration  &lt;Target Group&gt;  (1) University graduates in Civil Engineering, Architecture, Electrical or Mechanical Engineering or with equivalent knowledge  (2) Airport engineers currently employed by their governments or public authorities for civil aviation  (3) Individuals with more than 5 years of occupational experience  (4) Have a good command of spoken and written English</p>		
CONTENTS	PROGRAM PERIOD	Oct.21.2008~Dec.13.2008	
<p>The following subjects will be covered in this program through lectures, observations and discussions on;</p> <p>(1) Overview of Airport Engineering Policy  Civil Aviation, Airport Projects, Civil Aviation Policy  (2) Airport Technology  Airport Planning, Designing, Construction and Maintenance of Airports  (3) Airport Operations  Airport Operation Strategy, Modernization, Environmental Considerations, Privatization  (4) Global Trend on Airports  Airport Security</p>	IMPLEMENTING PARTNER	THE OVERSEAS COASTAL AREA DEVEL, INSTITUTE OF JAPAN	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2004~2008	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of the program is to provide opportunities to learn the general techniques of bridge engineering used in Japan (including the planning, design and construction of bridges) so that the participants will be able to improve bridge engineering technology and contribute to the development of their countries.</p> <p>Participants are expected to be able to explain the points to be considered on:</p> <ol style="list-style-type: none"> <li>1. The design of bridges</li> <li>2. The construction and construction supervision of various types of bridges (RC, PC and steel bridges)</li> <li>3. The maintenance and repair of various types of bridges</li> </ol>	<p>(1) University graduates (civil engineering) or equivalent                      (2) Individuals with occupational experience of more than three years                      (3) Individuals presently engaged in bridge construction and expected to have a leading position in bridge construction                      (4) Age: under 40 years old</p> <p>The level and contents are suitable for mid-level engineering.</p>	
CONTENTS	PROGRAM PERIOD	Oct.6.2008~Dec.5.2008
<p>In this program, the following major subjects will be covered through lectures, practices, discussions and observation trips:</p> <ol style="list-style-type: none"> <li>(1) Plan and Design of bridges</li> <li>(2) Construction of various kinds of bridges</li> <li>(3) Maintenance of various kinds of bridges</li> <li>(4) Formulation and Presentation of an Action Plan by the participants</li> </ol> <p>The course topics mainly concern Steel Bridges, PC Bridges and RC Bridges, but masonry (stone) bridges are not included.</p>	IMPLEMENTING PARTNER	ROAD BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>Since the program of bridge engineering is very comprehensive, it is suitable for engineers who are expected to learn all round bridge engineering.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The program objective involves enhancing the capacity of road planning of mid-level officers who are in charge of road planning for the target organizations. To achieve the objective, the participants' outputs are as follows:</p> <ol style="list-style-type: none"> <li>(1) Understand the process of road planning and points to consider thereof</li> <li>(2) Understand the effects of road development, the way to grasp them and the evaluation method of the project</li> <li>(3) Understand the process of road structure planning (including bridges and tunnels) and points to consider thereof</li> <li>(4) Understand road design standards and their applications</li> </ol>	<p>[Target Organizations]                      Government or Government-related organizations responsible for the formulation of road planning</p> <p>[Target Group]                      (1) Mid-level officers in charge of road planning and expected to be assigned to leading positions in future                      (2) University graduates specialized in civil engineering or equivalent                      (3) 35 years old or younger (desirably)</p>	
CONTENTS	PROGRAM PERIOD	Sep.30.2008~Oct.31.2008
<p>&lt;Preparatory Phase in home country&gt;                      Learning "Road in Japan" through the Web site</p> <p>&lt;Program in Japan:&gt;                      •Modules                      (1) Road Planning                      (2) Road Network Planning                      (3) Road Traffic Economy                      (4) Planning of Road Structures (bridges and tunnels)                      (5) Road Structure Ordinance                      • The program is composed of report writing/presentation, road network practice, site visits to general roads and highways, and observation of research institutions as well as lectures.                      • Details are subject to change.</p>	IMPLEMENTING PARTNER	ROAD BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>The level and contents of the program are suitable for mid-level officers.</p>

Target Countries: Countries with urban rail networks(urban railways,metro,LRT,MRT)

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of the course is to formulate an improvement plan for the management of urban railway companies or railway companies with urban railway lines in developing countries.</p> <p>Participants are expected to:</p> <p>(1) Understand the overview of railway management (including railway-related business),</p> <p>(2) Understand the approach of reform and privatization of railways in Japan, and</p> <p>(3) Propose an improvement plan by analyzing issues of the railway country in participating countries.</p>	<p>[Target Organizations] Urban railways or Railways with urban railway lines</p> <p>[Target Groups] (1) Managers/senior officers of the planning dept. of railway companies (2) University graduates with more than 5 years experience (3) Individuals under 45 years old</p>	
CONTENTS	PROGRAM PERIOD	Jan.13.2009~Feb.6.2009
<p>The program consists of lectures, observations, discussions, and report presentation.</p> <p>(1) Overview of railway management in Japan. Characteristics of Japan's railway sector / Japan's railway administration, personnel strategy and human resources development / Multilateral business activities / Local railway management</p> <p>(2) The approach to the reform and privatization of railways in Japan Management after privatization/case study</p> <p>(3) Report presentation</p>	IMPLEMENTING PARTNER	RAILWAY BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>This program is designed for countries which have urban railway(s) such as commuter rail, underground railway, LRT (Light Rail Transit) and MRT (Mass Rapid Transit)</p> <p>In 2007 the program will be focused on "Urban Railway Transportation".</p>



Target Countries : Maritime countries

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Through this training course, participants will acquire knowledge and skills in education and training for maritime affairs, maritime service control and safety systems which are obliged or recommended worldwide by international treaties for protection of the marine environment and prevention of marine accidents. And they will improve the capacity of leaders who can exercise their abilities fully to plan, implement, evaluate and improve maritime education and training in areas of maritime education, maritime administration, industries related to maritime affairs.</p> <p><b>【Outputs】</b>                      To achieve the above mentioned objective, participants will learn the following:                      1) international background on marine transportation safety                      2) role of seafarers education for marine transportation safety                      3) implementation and evaluation of seafarers education and training                      4) application of information technology for seafarers education                      5) application of information technology for marine transportation safety</p>	<p><b>【Target Organizations】</b>                      Organization engaged in maritime education concerning operation control of vessels in developing countries.</p> <p><b>【Target Group】</b>                      (1) be engaged in maritime education concerning operation control of vessels in developing countries, Teaching staff of educational institution is most appropriate.                      (2) (a) have experience of service on the sea for one year or longer, or                      (b) have experience of maritime education for one year or longer, and have equivalent knowledge and skill to (a), or                      (c) have experience of operating control of vessel for one year or longer; and have equivalent knowledge and skill to (a),                      (3) have knowledge and skill equivalent to those required for Second or Third Grade Maritime Officer (Navigation), based on the '95 STCW treaty, having basic knowledge on RADAR-ARPA simulators and computers,                      (4) be able to disseminate knowledge and skills acquired from this training course after returning to their home countries, and                      (5) be able to submit the report about post-training activities in 6 months after returning to their home countries.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.26.2008~Dec.6.2008</p>
<p><b>【Preliminary Phase in a participant's home country】</b>                      Formulation and submission of Job Report</p> <p><b>【Core Phase in Japan】</b>                      (1) International Maritime Convention and Disasters                      (2) Present Education for Seafarers                      (3) Simulator Training                      (4) Practice on Board                      (5) Marine Disaster Prevention Training                      (6) Deck Work Management                      (7) Navigation Information Processing                      (8) Marine Meteorology                      (9) International Regulations and Conventions                      (10) The Safety Transportation of Ocean Cargo                      (11) Maritime Information Network                      (12) Nautical Information System                      (13) Terrestrial and Electronic Navigation                      (14) Marine Environmental Prevention                      (15) Cross Cultural Communication                      (16) ISM Code and Port State Control                      (17) ISPS Code and Port State Control                      (18) Visiting Factories                      (19) SEMINAR at Laboratory</p> <p><b>【Finalization Phase in a participant's home country】</b>                      Implementation of the activity based on the action plan made by a participant in the participant's country and submission of its final report regarding achievement and situation of above activity.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p> <p><b>COOPERATION PERIOD</b></p> <p><b>REMARKS</b></p>	<p>MARINE TECHNICAL COLLEGE</p> <p>JICA Hyogo</p> <p>2007~2009</p>

Target Countries: maritime countries which emphasize maritime education/industry

7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> This program aims to improve the teaching ability of educators of marine engineering (including planning of education scheme), to deepen knowledge and skills required for seafarers, to transfer technology and share knowledge and skills by diffusion of knowledge and skills for the peoples engaged in marine engineering.</p> <p><b>【Outputs】</b> I To achieve this program objective, participants are expected in Japan; (1) To understand marine engine system, latest marine related machinery and equipment, international treaties related with seafarers, and to develop practical abilities (2) To understand education and training method and seafarers' ability evaluation method based on knowledge of international safety management system and its operation, and to develop practical abilities (3) To understand vessel management, preventive maintenance and corrective maintenance of engine and maintenance plan, and practice on engine maintenance. (4) To acquire knowledge and skills on effective education and training method using simulator (5) To understand present situation of marine transportation, to make a work plan and action plan and to promote self-development  II In participants' home country, it is also expected that the action plan is approved by the organization concerned.</p>	<p><b>【Target Organizations】</b> Educational institutes for seafarers.</p> <p><b>【Target Group】</b> 1) Current Duties: be engaged in maritime education concerning marine engineering in developing countries 2) Experience: (a) have experience of service on the sea for one (1) year or longer as a marine engineer or have equivalent knowledge and skills to (a), and (b) have experience of operation and management of vessel and maritime education for one (1) year or longer 3) Educational Background: be a graduate of university or equivalent, have knowledge and skills equivalent to those required for Japanese Second or Third Grade Maritime Officer (Engineering), based on the '95 STCW treaty. 4) Language: have a competent command of spoken and written English (This program includes active participation in discussions, action plan development, thus requires high competence of English ability.)</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>July.28.2008~Feb.7.2009</p>
<p><b>【Preliminary Phase in a participant's home country】</b> Formulation and submission of Country Report</p> <p><b>【Core Phase in Japan】</b> 1-1) various system, latest machinery and equipment related with marine engine 1-2) lecture on international maritime treaty adopted by IMO 1-3) practice on board by training ship 1-4) Fire fighting drill against fire accidents at engine room by Maritime disaster prevention center 2-1) lecture on ISM, ISPS code, PSC, etc. 2-2) training using engine room simulator, remote operation simulator, etc. 2-3) observation of port facilities and maritime industries  3-1) lecture on vessel management 3-2) observation of maritime industries and operation facilities 3-3) practice on maintenance of marine equipments 4-1) education and training using engine room simulator and remote control simulator 4-2) lecture on maritime education method, maritime education system, etc. 5-1) formulation of action plan for dissemination of education method in participant's country (workshop for colleagues, etc), promotion of effective self-development by periodical correction 5-2) formulation of work plan and promotion of effective self-development by periodical correction 5-3) seminar (individual research) on the theme of education and training method, marine engine and system</p> <p><b>【Finalization Phase in a participant's home country】</b> Application and implementation of the action plan back in the participant's country and submission of its final report by Aug. 2009.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Maritime Technical Education Agency, Maritime Technical College</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program aims to provide the participants with a better understanding of the concept of environmentally sustainable transportation (EST) system and a venue for sharing their ideas and experiences to incorporate the concept. The course also offers an opportunity to learn from Japanese experiences while enabling participants to exchange their ideas, experiences, and technical expertise.</p> <p>COURSE OBJECTIVES: The idea of EST shall be disseminate to persons concerned in own country by understanding points of making policies/programs/projects to introduce EST to own country.</p> <p>Each modules focus to achieve the following outputs: (1) To identify urban environmental problems and issues relating transportation in own country. (2) To consider policies to introduce the EST to own country in the context to its conditions by deepening understandings comprehensive concepts of the EST, important items and their issues, strategies, its promotion policies, successful cases, and respective means. (3) To set the direction of policies, programs, projects for EST promotion and their knowledge disseminating methods.</p>	<p>TARGET ORGANIZATIONS: This program is designed for the environmental division of the Ministry of Transport or the transport division of the Ministry of Environment, or the related organization.</p> <p>TARGET GROUP: Mid-level officials engaging in making policies (or programs/projects) on transportation relating to environmental conservation issues. At least 3 to 5 years of experience in transportation field and a university degree or equivalent.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Sep.29.2008~Nov.8.2008</p>
<p>(1) PRELIMINARY PHASE: Participants will create an inception report, describing the specific urban environment problems caused by transportation, their countermeasures, and constraints tackled by the participant's organization.</p> <p>(2) CORE PHASE IN JAPAN: 1) To identify transportation-related environmental problems (Presentation of the inception report) 2) To understand the overall concept of EST, its policy, key aspects of EST, best practices, tools to achieve EST, etc. (vehicle emission control, transport demand management, roadside air quality monitoring and assessment, cleaner fuels, road maintenance/safety, land-use planning in transport planning, traffic noise management) 3) To set the direction and strategies for promoting EST and to disseminate what they have learned from the training program and contents of their interim report (group discussion, interim report-making)</p> <p>(3) FINALIZATION PHASE: After the participants' return 1) The direction of policies/programs/projects to introduce EST to their own countries, including how to cooperate with relevant organizations and pilot project planning, is examined and activities to disseminate what they have learned from the training program and the contents of their interim report are executed. 2) The result of the actions taken by the organization and the participant are reported in the final report.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>United Nations Centre for Regional Development</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chubu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2004~2008</p>
	<p><b>REMARKS</b></p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Skills and knowledge which is required for maintenance and improvement of mountain road will be shared among engineers in participating organizations or related organizations.</p> <p><b>【Outputs】</b>                      (1)Issues about planning, designing and maintenance of mountain road in participants' respective countries will be clarified                      (2)Participants will understand history and outline of roads in Japan.                      (3)Participants will be able to explain about techniques which are required for maintenance and improvement of mountain road in their countries.                      (4)Plan to apply and disseminate gained techniques will be formulated.                      (5) Activities to share skills and knowledge which is required for maintenance and improvement of mountain road will be implemented by participating organizations.</p>	<p><b>【Target Organizations】</b>                      Organizations in charge of maintenance of mountain road</p> <p><b>【Target Group】</b>                      Civil Engineers who is incharge of maintenance of mountain road</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Oct.27.2008～Dec.13.2008</p>
<p>(1)Presentation: Job Report                      Discussion: Issues in participants organization                      Observation: Mountain road near JICA Osaka                      Discussion: Issue analysis                      (2)Lecture: Overall condition of Japan's mountain road                      Lecture: Japan's policy and system on road construction and maintenance                      Lecture: History of construction of mountain road in Japan                      (3)Observation/Practice: Route 309                      Discussion/Lecture: Technique of maintenance of mountain road and its t                      Practice/Discussion: Analysis of techniques which can be applied in their organization                      (4)Observation/Practice: Route 168                      Discussion/Lecture: Improvement technique for Route 168                      Practice/Discussion: Analysis of techniques which can be applied in their organization                      (5)Practice: Dissemination Plan formulation                      Presentation: Trial Dissemination Activity</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Ministry of Land, Infrastructure and Transport</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

Target Countries: Countries with one of more cities of population more than 1 million


14 participants /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The participants will propose policies for enhancing the public transport service function and improvement plan for the system in a big city with a population of one million or more, focusing on various aspects of public transportation such as private sector services, regulatory measures on environment impact, transportation measures for the weak and cooperation among different means of transportation in their countries.</p> <p>In order to strengthen the institutional capacity of public urban transportation system, participants are expected;</p> <p>(1) To identify problems related to the current urban public transport system in respective countries, and</p> <p>(2) To propose responsive measures and their application to the above-mentioned problems.</p>	<p>Eligible / Target Organization: This program designed for central/local governments responsible for the formulation of urban public transport policies.</p> <p>Nominees should;</p> <p>(1) be administrative officers with a position of section chief and the like, who is in charge of planning and implementing urban transport polices</p> <p>(2) be expected to find a position of responsibility in an above-mentioned organization after returning home and ultimately become one of the top executives, who decides policy in the field of urban public transport</p> <p>(3) have a university degree or equivalent academic background, with at least 10 years of professional experiences in urban public transport, and be at age forty five (45) years or younger</p>	
CONTENTS	PROGRAM PERIOD	Jan. 13. 2009~Feb. 28. 2009
<p>Preliminary Phase Choose the issue for which the organization to which the participant is attached has responsibility and is expected to find the solution for that problem. In addition, elaborate an Inception Report to secure the situation concerning the problems. (The organization needs to recognize the contents of the report.)</p> <p>Core Phase in Japan The program consists of lecture, site study tour and discussion. The main subject are as follows: 1) Urban transport policy, and planning 2) Traffic Demand Management 3) Social/environmental considerations 4) Various transportation systems and modes 5) Case study of urban transport and development 6) Colloquium sessions (report presentation and discussion) 7) Drawing up and Presentation of Interim Report</p> <p>Finalization Phase The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write final improvement plans in the Final Report.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>JICA Tokyo</p> <p>2008~2010</p>

Marine Search and Rescue and Disaster Prevention Course for Policy Planners 海難救助・海上防災		GROUP  0880807
Target Countries : maritime country		Transportation—Other Transportation Issues 14 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> This program aims to realize the implementation of actions for improvement and/or solution of issues and problems about maritime search and rescue and disaster prevention in participants' organizations which have a duty of SAR (search and rescue) and maritime disaster prevention based on the action plan prepared by participants.</p> <p><b>【Outputs】</b> I To achieve this program objective, participants are expected in Japan; (1) To be able to explain about the present situation, issues and problems of SAR and maritime disaster prevention of participants' countries. (2) To be able to explain about international framework, knowledge and skills on maritime SAR. (3) To be able to explain about international framework, knowledge and skills regarding disaster prevention and method of combating oil, harmful and hazardous substances. (4) To be able to explain about services and system of JCG (Japan Coast Guard). (5) To be able to formulate the action plan for solution of issues and problems regarding SAR and disaster prevention in participants' countries.</p> <p>II In participants' organization, it is also expected that participant will take the action based on the action plan.</p>	<p><b>【Target Organizations】</b> Organizations which have a duty of SAR and maritime disaster prevention</p> <p><b>【Target Group】</b> 1) Current Duties: be administrative officials presently engaged in the field of maritime search and rescue and/or maritime disaster prevention. 2) Experience in the relevant field: have more than five (5) years' experience in the field of maritime search and rescue and/or maritime disaster prevention. 3) Educational Background: be a graduate of university or equivalent 4) Health: must be in good health, both physically and mentally, to participate in the Program in Japan 5) Must not be serving any form of military service.</p>	
CONTENTS	PROGRAM PERIOD	July.28.2008～Nov.8.2008
<p><b>【Preliminary Phase in a participant's home country】</b> Formulation and submission of Country Report</p> <p><b>【Core Phase in Japan】</b> (1) Present situations of SAR and disaster prevention system of home country 1) To understand and analyze the present situations of SAR and disaster prevention system of home country and identify its issues and problems. 2) To make and present a country report on the above mentioned topics. (2) SAR 1) Lecture on knowledge about maritime SAR 2) Lecture, exercise and observation of related facilities on actual SAR methods 3) SAR Table-Top Drill (3) Disaster prevention 1) Lecture on basic knowledge about disaster prevention. 2) Lecture, exercise and observation of related facilities on properties of oil, harmful and hazardous substances, combating method, etc.. 3) Observation of disaster prevention drill by local government, etc. (4) Services and system of JCG (Japan Coast Guard) 1) Lecture on maritime transportation safety countermeasures, international cooperation and education system of JCG. (5) Action plan 1) Lecture and exercise on formulation of action plan for solution of issues and problems on SAR and disaster prevention system. 2) Formulation and presentation of action plan for solution of issues and problems identified by each participant.</p> <p><b>【Finalization Phase in a participant's home country】</b> Implementation of the activity based on the action plan made by a participant in the participant's country and submission of its final report regarding achievement and situation of above activity by May, 2009.</p>	IMPLEMENTING PARTNER	Japan Coast Guard, The 5th Regional Coast Guard Headquarters.
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2008～2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Systems or organizations related to cargo transport will be improved by means of the facilitation ability and knowledge on cargo transport acquired through the training and dialogue program.</p> <ol style="list-style-type: none"> <li>To study how to find and analyze problems and how to find solutions of Cargo Transportation in participant's country</li> <li>To understand the efficient administrative (governing) system of Cargo Transport implemented in Japan.</li> <li>To learn the Japanese model of planning, management, system view points of Cargo Transport and foster the ability to think over them</li> <li>To make a proposal or action plan to facilitate and implement Cargo Transport project, applying the knowledge and techniques acquired through training program.</li> </ol>	<ol style="list-style-type: none"> <li>Individuals currently engaged in the field of cargo transport at governmental or public organizations, with at least 3 years of experience in this field</li> <li>Individuals not engaged in the fields of road construction and management, traffic survey and control, and passenger transport</li> <li>University graduates or equivalent</li> <li>Individuals proficient in speaking and writing English</li> <li>Age: 28-45 years old</li> </ol>	
CONTENTS	PROGRAM PERIOD	May.12.2008~Jun.28.2008
<p>&lt;Preparatory phase&gt; Three kinds of reports will be created: (1) A Country Report describing the current situation of cargo transport in one's own country (2) A Job Report describing one's own responsibility in the respective organization (3) An Inception Report describing the vision related to the modernization of cargo transport over the next decade</p> <p>&lt;Program in Japan&gt; Propose systems or organizations for improving cargo transport and create an action plan showing how to improve them. The following subjects will be addressed: (1) Cargo transport administration (2) Freight management (3) Cargo transport facilities management (4) Informatization (5) Cargo transport technology (6) Facilitation for the modernization of cargo transport</p> <p>&lt;Post-program activities&gt; After the participants' return (1) To submit a proposal to the respective supervisor and implement the Action Plan (2) To submit a Progress Report describing the progress in realizing the Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p> <p><b>COOPERATION PERIOD</b></p>	<p>AICHI INDUSTRIAL RESEARCH ASSOCIATION</p> <p>JICA Chubu</p> <p>2004~2008</p>
	<p><b>REMARKS</b></p>	

Road management and maintenance for Central Asian Countries 中央アジア地域 道路維持管理		R/F  0884031
Target Countries: Central Asia		Transportation—Transportation 12 participants / Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Action Plans for effective road management with budgetary constraints shall be proposed by each participant based on analysing problems/issues related to the condition of respective countries, and further the concrete solutions shall be discussed among the respective organizations after completion of the training in Japan.</p> <p><b>【Outputs】</b> (1) To understand present situation and administrative structure for the road management and maintenance in Japan (2) To understand road management and maintenance for reduction of the total cost (life cycle cost) from construction phase to maintenance and destruction, and management method of appropriate repair etc. (3) To understand road management and maintenance and disaster prevention activities in a time of disaster such as avalanche and collapse (4) To understand road design for the specific issues and the reduction of life cycle cost related to road management and maintenance in the cold region (5) To draft Action Plans based on understand of the issues on road management and maintenance in respective countries</p>	<p><b>【Target Organizations】</b> Central or Regional Governmental organization or public cooperation responsible for road management, operation, and maintenance</p> <p><b>【Target Group】</b> - Graduate of University or equivalent in the field of civil engineering or equivalent - Technical officer in charge of road planing and maintenance - More than five (5) years experience in this field - Ideally the age between 30 and 55</p>	
CONTENTS	PROGRAM PERIOD	Nov.12.2008~Dec.20.2008
<p>&lt;Preliminary Phase&gt; (1) Preparation of Inception Report &lt;Phase in Japan&gt; (1) •Present status of road, bridge, and tunnel, etc. in Japan •Administrative mechanism, laws, measures and budget allocation regarding road management and maintenance •Know-how of repair/reconstruction plan and coordination method •Subcontracting and project coordination regarding road management and maintenance •Training method for road management engineer (2) •Construction and quality management of road for long operating life (including site visit) •Daily check and maintenance of road, bridge, and tunnel, etc. (including site visit) •Road management method with the concept of life cycle cost and asset management (optimally-positioned O&amp;M, including site visit) (3) •Observation of disaster occurred in Hokkaido and the repairment (tunnel collapse and landslide) •Traffic control and information transmission in time of disaster •Forecast of disaster hazard areas (make the hazard map) (4) •Activity for snow removal, snow melting, and snow protection etc. road management and maintenance in cold region •Impact on road management and maintenance (in the cold region) by underground infrastructure such as water pipe and sewerage etc. and solution skills to deal with the problems •Road design and construction technologies against the cold climate (5) •Clarifying country situation and road situation in respective countries •Clarifying the issues regarding road management and maintenance in respective countries •Propose Action Plan to solve the issues in respective countries &lt;Finalization Phase&gt; (1) Report the progress of implementing Action Plan as Final Report within three(3) months after completion of phase in Japan</p>	IMPLEMENTING PARTNER	Hokkaido Intellect Tank
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2008~2010
	REMARKS	



Target Countries: Countries with most of main highways paved

30 participants ★ /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      This course aims for participatory countries and organizations to be proposed by participants the proper strategies for the road management and maintenance, based on the comprehension of problems in each country.</p> <p><b>【Outputs】</b>                      I. To achieve this program objective, participants are expected;                      (1) To understand effectiveness and benefits of preventative maintenance                      (2) To acquire proper inspection measures and be able to arrange obtained information                      (3) To understand pavement repairing measures and point out the proper measures in accordance with analysis of acquired information                      (4) To be able to develop the proper measures of repairing methods and its costs, and propose plans for road management, through the analysis of inspection</p> <p>II. In participants' home country, it is also expected that the interim report is approved by the organization concerned</p>	<p><b>【Target Organizations】</b>                      Ministry of Public Works, Ministry of Transportations, Local Government</p> <p><b>【Target Group】</b></p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.9.2008～Aug.9.2008</p>
<p>(1)*Necessities of preventative maintenance                      *Sight Visits (Case study of deterioration of roads, case study of reformation of existing facilities, and so on)                      (2)*Basic theories on inspection measures                      *Road inspection techniques (including information analysis)                      (3)*Measures to analyse of acquired information                      *Various ways for repairing roads                      (4)*Road transportation policies of Osaka Prefecture and the process for it                      *Notion of "Lifecycle Cost"                      *Project evaluation system                      *Collaboration with local people and private sectors</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Construction Services in Kinki Region</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Aug.20.2008 to Sep.20.2008 in the same content.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      To formulate the guideline on promote citizen participation and resettlement and land appropriation caused by public works including road construction in a planning stage, through environmental and social considerations.</p> <p><b>【Outputs】</b>                      (1) Understanding and executing public involvement (PI) methods for the planning phase of public works projects, centering on the road sector                      (2) Understanding ideal ways to conduct involuntary resident relocation and loss compensation based on environmental and social considerations; analyzing problems with systems in their home countries (3) Proposing involuntary resident relocation and loss compensation systems based on environmental and social considerations when executing public works projects</p>	<p><b>【Target Organizations】</b>                      National, Regional organizations which are relating city planning or traffic and transportation</p> <p><b>【Target Group】</b>                      1) Practitioners engaged in execution of road construction and other public works projects                      2) Have more than five years of experience</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Aug. 3. 2008 ~ Aug. 30. 2008</p>
<p>Preparatory phase:                      Submit the inception report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems)</p> <p>Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics.</p> <p>(1) • Background of public involvement methods                      • Practical public involvement methods                      • Examples of public involvement in public words projects</p> <p>(2) • Basic policy:                      1) Resident relocation policy public compensation system in Japan                      2) Responses to involuntary resident relocation caused by public works projects                      Realities of involuntary resident relocation based on environmental and social                      • Considerations:                      1) Responses in environmental and social considerations                      2) Projects execution method (using Cambodian or Napalese examples and understanding problems and challenges facing each aspect of execution as well as how to cope with them)</p> <p>(3) • Discussion on the state of progress and challenges in developing systems in course participants' countries                      • Model study                      • Role playing for resident discussions</p> <p>(4) Formulation and presentation of the interim report</p> <p>Post-Program Activities:                      Submit the final report on activities after returning home country.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p> <p><b>COOPERATION PERIOD</b></p> <p><b>REMARKS</b></p>	<p>Ministry of Land Infrastructure and Transport, Hokkaido University</p> <p>JICA Obihiro</p> <p>2008~2010</p>

Target Countries: Countries with airports

11 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this seminar is to provide alternative methods to improve aviation security by providing fundamental knowledge of aviation security practiced in Japan. Participants are expected to identify aviation security problems, and seek effective measures for respective countries by:</p> <p>(1) Understanding the importance of aviation security through the Japanese system and experiences, (2) Acquiring basic knowledge of practices on aviation security and security control systems as well as the equipment used in Japan</p>	<p>&lt;Target Organizations&gt; Central or local government in charge of the aviation security and management of airport</p> <p>&lt;Target Group&gt; (1) University graduates or with equivalent academic backgrounds (2) Currently responsible for aviation security with more than five years of occupational experience (3) Have a sufficient command of spoken and written English,</p>	
CONTENTS	PROGRAM PERIOD	Jan.13.2009~Feb.14.2009
<p>The following subjects will be covered in this program through lectures, observations and discussions;</p> <p>(1) Civil Aviation in Japan (2) Airport Management System (3) Preventive Measures for Acts of Unlawful Interference Against Airplanes (4) Concrete Preventive Measures for Acts of Unlawful Interference Against Airplanes in Japan (5) Countermeasures for Hijacking</p>	IMPLEMENTING PARTNER	CIVIL AVIATION BUREAU, MLIT
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2006~2010
	REMARKS	

Target Countries: IMO member countries having international ports

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of the program is to provide fundamental and practical knowledge of international maritime conventions and applicable technology and procedures of ship inspection in accordance with the requirements of international standards. Through the program, participants are expected to:</p> <p>(1) Have appropriate technical knowledge and understand the related requirements of IMO conventions to promote ship safety inspection (2) Understand the Japanese ship safety inspection system</p>	<p>&lt;Target Organizations&gt; Central or local government in charge of the field of ship safety (ship inspectors, PSC officers etc.)</p> <p>&lt;Target Group&gt; (1) Administrative officials in the field of ship safety (ship inspectors, PSC officers etc.) (2) Individuals with graduate degree in engineering or equivalent and with at least one year of experience (3) Have a sufficient command of speaking and writing English</p>	
CONTENTS	PROGRAM PERIOD	Jul.15.2008~Nov.1.2008
<p>This program consists of:</p> <p>(1) Japanese language lesson (2) Presentation of a Country Report and Action Plan (3) Technical lectures SOLAS I, II, III, IV, V, VI, VII, IX, XI, XII; MARPOL I, II, III, IV, V, VI; ILLC; Tonnage; COLREG; Ship Survey; PSC (4) Practice Training The practice training will be implemented on the ship inspection for coastal service ships and also on port State control at the local administration offices. (5) Observation and Study trip</p>	IMPLEMENTING PARTNER	Shipbuilding Research Centre of Japan
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2005~2009
	REMARKS	A compulsory intensive Japanese language program will be conducted prior to the technical training.

Target Countries : Maritime countries

14 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
The program is designed to nurture qualified port and harbor related engineers who will contribute to the country's economic development through port development by controlling the effect, cost and environmental impact in port development and planning.	<Target Organizations> Port and harbor related organizations  <Target Group> (1) University graduates or individuals with an equivalent academic background (2) Individuals presently engaged in port and harbour-related civil engineering with more than 3 years of occupational experience (3) Have a sufficient command of spoken and written English	
CONTENTS	PROGRAM PERIOD	Jun.1.2008~Aug.9.2008
This program consists of lectures, exercises, observations, intensive field study at the Onahama Port and discussions. It covers:  (1) Basic Technology (Coastal engineering and marine hydraulics, geotechnical and structural mechanics, construction and control system) (2) Development, Strategy, Planning (Port and harbor policy, port and harbor planning, designing, and standards, information technology, disaster management) (3) Maintenance and Environment (Good maintenance and effective use of existing port facilities, protection and assessment of environment, knowledge of coastal environment) (4) Global Trend on Ports and Harbours (Management and Operations)	IMPLEMENTING PARTNER	PORTS & HARBOURS BUREAU, MLIT
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2005~2009
	REMARKS	

Target Countries : Maritime countries

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
(1) To enhance long-term policy-making capacity through the acquisition of knowledge on port development strategy (2) To attain applicable knowledge on strategic operation on ports and harbours to modernize port management (3) To acquire knowledge on strategic operation on ports and harbours to modernize port management (4) To understand current issues and trends concerning world ports and harbours	<Target Organizations> The organization in charge of the field of Port operation strategy, administration and management.  <Target Group> (1) University graduates or equivalent (2) Individuals currently engaged in port technical administration and/or management works with more than 8 years of occupational experience in the field of ports and harbours (3) Have a good command of spoken and written English	
CONTENTS	PROGRAM PERIOD	Oct.19.2008~Nov.22.2008
This program consists of lectures, discussions, exercises, observations, etc. It covers:  (1) Port Development, Strategy, Planning Grand Design, Long-Term Development Strategy, Industry and Regional Development (2) Port Administration and Management Administration and Management System, Equipment Management (3) Port Operation Port Operation Strategy, Modernization of Port Operations (4) Global Situation and Trends on Ports and Harbours Globalization, International Conventions	IMPLEMENTING PARTNER	PORTS & HARBOURS BUREAU, MLIT
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2005~2009
	REMARKS	

Target Countries: ASEAN countries

13 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To facilitate strong port facility security measures in ASEAN countries and to learn standard and globalized security measures in order to organize an international maritime transport network for crossing the borders of other countries that have rules and conventions, such as SOLAS etc.</p>	<p>&lt;Target Organizations&gt; National government organizations and port management authorities in charge of port security policy</p> <p>&lt;Target Group&gt; Officers (pairs of managers and officers preferable) in charge of port security policy in national government organization and port management authority</p>	
CONTENTS	PROGRAM PERIOD	Aug.31.2008~Sep.20.2008
<p>This program consists of lectures, discussions, exercises, observations, etc.</p> <ul style="list-style-type: none"> <li>• PDCA cycle workshop (port security upgrading cycle)</li> <li>• International conventions and initiatives on port security by IMOetc.</li> </ul>	IMPLEMENTING PARTNER	Ports & Harbours Bureau, MLIT
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2007~2009
	REMARKS	


Target Countries: Countries With Ocean Facing Ports


5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Objectives&gt; Discussion about comprehensive knowledge related to port and harbor development, and making agreement as the result of discussion</p> <p>&lt;Outputs&gt; (1) To be able to think the influence from Port Development and Planning (2) To be able to plan quasi port development policy and utilize it as a model plan in the future</p>	<p>&lt;Target Organizations&gt; National or Local Government organization for port management</p> <p>&lt;Target Group&gt; Port officers in charge of port administration(cargo transportation, port environment conservation, Port development planning)</p>	
CONTENTS	PROGRAM PERIOD	Jan.2008~Jan.2008
<p>(1) Outline of Yokohama Port and its policies through lectures and field studies centering on Logistics and Environment Measures based on the future planning of the city (2) Project Cycle Management (PCM) workshop of the Port development, and Discussion about comprehensive knowledge related to port and harbor development</p>	IMPLEMENTING PARTNER	Port & Harbor Bureau , City of Yokohama
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2008~2010
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
This course aims to facilitate efficient international transportation of both freight and people among Mekong region countries. Trainees are expected to realize the scope of cross border transport infrastructure (hereinafter referred as "CBTI"), and formulate action plans that would be applied in the near future.	<b>【Target Organizations】</b> Under Planning  <b>【Target Group】</b> Under Planning	
CONTENTS	PROGRAM PERIOD	After Sep.2008～
Under Planning	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2007～2009
	REMARKS	Coordination is required between this course and a similar training program held by ADB.


# 8. Information and Communication Technology

<b>IP Network Building and Monitoring Technology</b> <b>IPネットワークの構築・監視技術</b>		GROUP 	0880002
Information and Communication Technology—Information and Communication Technology			
		14 participants ★ /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> To develop the engineers needed for promotion of the future use of broadband and dissemination of the knowledge and technology of IP network in participating nations by imparting training in IP network building, monitoring and maintenance. <b>【Outputs】</b> (1) To learn the basic technology of IP networks, needed by network engineers responsible for spreading and developing IP networks. (2) To understand the main technologies and building methods of IP networks. (3) To learn the basic ideas about how to predict future data traffic and calculate the best size of IP network infrastructure. (4) To understand the basic ideas about monitoring technologies of IP networks and learn the basic ideas about quality control (throughput, packet loss and delay, etc.) (5) To make an "Action Plan" to disseminate the knowledge and technology acquired from this training course.	<b>【Target Organizations】</b> Organizations in charge of network infrastructure and basic design, installation and maintenance. <b>【Target Group】</b> (1) Mid-level engineers involved in network infrastructure and basic design, installation and maintenance (2) Graduates from a 2-year college or communications trade school or those who have a comparable scholastic history, and have practical experience of more than three (3) years (3) be able to disseminate knowledge and technology acquired from this training course after returning to their home countries		
CONTENTS	PROGRAM PERIOD	May.11.2008~Jul.12.2008	
Lectures, practical exercises, discussions and observation tour. The main themes are: (1) Learn the basic technology of IP networks, needed by network engineers responsible for spreading and developing IP networks. (2) Understand the main technologies and building methods of IP networks. (3) Learn how to predict future data traffic and calculate the best size of IP network infrastructure. (4) Understand monitoring technologies of IP networks and learn about quality control (throughput, packet loss and delay, etc.) and how to deal with disasters and quickly restore systems. (5) Measurement of results	IMPLEMENTING PARTNER	NTT Neomeit Corporation	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This course offers the general curriculum about IP network building and monitoring technology.  This seminar will be implemented twice for JFY 2008. The second one is scheduled from Oct.5.2008 to Dec.6.2008.	

<b>Chief Information Officer (CIO) for E-Government Promotion (A)</b> <b>電子政府推進のための情報化戦略責任者(CIO)養成(A)</b>		GROUP 	0880012
Information and Communication Technology—Information and Communication Technology			
		9 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Training participants, who lead computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to review business process to adjust to rolls of his/her work place, analyze business and issues, and formulate strategies for long/middle term computerization. <b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use human skills in team-working at a project. (3) To plan coordinated business architecture and data architecture from a viewpoint of total optimization. (4) To make a computerization strategy.	<b>【Target Organizations】</b> Ministries and/or agencies in a central government and/or local government authorities <b>【Target Group】</b> - Officers in charge of leading computerization of the organization. - Age: Under 45 years and over 30 years old. - University graduates or equivalent. - Having work experience either as an IT architect/system analyst/IT division manager/project manager for 5 to 7 years, or experience as a CIO for 2 years.		
CONTENTS	PROGRAM PERIOD	Jul.29.2008~Nov.8.2008	
Followings are subjects provided in each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Business Process Reengineering, Open Source Software, Security Basics, Project Management, Object-Oriented Analysis (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Business Architecture, IT Architecture, IT Governance, Consulting Methodology, Information Security Policy (4) Workshop	IMPLEMENTING PARTNER	Fujitsu Limited	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS		



<b>Chief Information Officer (CIO) for E-Government Promotion (B)</b> <b>電子政府推進のための情報化戦略責任者(CIO)養成(B)</b> <small>Information and Communication Technology – Information and Communication Technology</small>		GROUP 	0880013
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Training participants, who lead computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to review business process to adjust to rolls of his/her work place, analyze business and issues, and formulate strategies for long/middle term computerization. <b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use human skills in team-working at a project. (3) To plan coordinated business architecture and data architecture from a viewpoint of total optimization. (4) To make a computerization strategy.	<b>【Target Organizations】</b> Ministries and/or agencies in central government and/or local government authorities <b>【Target Group】</b> – Officers in charge of leading computerization of the organization. – Age: Under 45 years and over 30 years old. – University graduates or equivalent. – Having work experience either as an IT architect/system analyst/IT division manager/project manager for 5 to 7 years, or experience as a CIO for 2 years.		
CONTENTS	PROGRAM PERIOD	Jan.6.2009~Apr.17.2009	
Followings are subjects provided in each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Business Process Reengineering, Open Source Software, Security Basic, Project Management, Object-Oriented Analysis (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Business Architecture, IT Architecture, IT Governance, Consulting Methodology, Information Security Policy (4) Workshop	IMPLEMENTING PARTNER	Fujitsu Limited	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


<b>IP Network Engineer for E-Government Promotion</b> <b>電子政府推進のためのIPネットワーク技術者育成</b> <small>Information and Communication Technology – Information and Communication Technology</small>		GROUP 	0880052
		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The rapid spread of the Internet is expected to boost the efficiency of Government work, and many countries have tried to implement "E-government". However, the lack of Network Technicians had made it difficult to realize the plan.  The purpose of this program is that participants will be able to design a network within their ministries and manage it to promote their E-government plan. To attain this objective, participants are expected to achieve the following results:  1. To understand the concept of E-government 2. To understand the knowledge for implementing Open Source and be able to utilize it 3. To grasp user needs and design/construct WAN/LAN 4. To operate and manage TCP/IP Networks 5. To be able to explain relevant security points which should be concerned when networks are designed and constructed	<b>[Target Organizations]</b> Telecommunication offices within ministries, Public Educational organizations, Telecommunication departments within public organizations  <b>[Target Group]</b> • SEs or lecturers with more than 3years of practical experience • SEs who are (will be) in charge of the Network design, construction, management for the E-Government Promotion project • University graduates or equivalent		
CONTENTS	PROGRAM PERIOD	Aug.18.2008~Nov.12.2008	
1. Outline of NTT Corporation 2. Purpose of E-government, service 3. EA: its needs, establishment procedure 4. Linux: Outline, Basic command, server outline, system construction 5. LAN: Basic knowledge, Design 6. WAN: Service outline, Design 7. QC 8. Basic Security  Those contents will be implemented by lectures, practices and field trips.	IMPLEMENTING PARTNER	NTT WEST-KYUSHU CORPORATION	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2006~2009	
	REMARKS	* This course is not for E-government policy makers but for technicians who promote the policy.	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Although Internet technology is spreading globally, there are some developing countries which do not make full use of the Internet, because of the lack of knowledge and skills, and the lack of understanding of its applications.</p> <p>The purpose of this program is to enable participants to use the Internet within their organizations beneficially.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1. To learn the fundamental skills of Internet applied technology</li> <li>2. To grasp trends in the solution business</li> </ol>	<p>[Target Organization] Ministry in charge of IT Governmental telecommunication and telephone companies</p> <p>[Target Group] 1. Individuals working for telecommunication administrations or common carrier organizations, with at least 3 years of practical experience 2. Individuals having graduated from university (electrical engineering) or equivalent level</p>	
CONTENTS	PROGRAM PERIOD	May.19.2008~Jul.5.2008
<ol style="list-style-type: none"> <li>1. LAN construction and techniques: Lectures, practice</li> <li>2. ATM Technology(Asynchronous Transfer Mode Switching System): Lecture, Practice</li> <li>3. Multi-layer switch technology: Lectures, practice</li> <li>4. Internet applied services (Outline of IP telephone, etc.): Lectures</li> <li>5. E-governance and trend toward ubiquity: Lectures</li> </ol> <p>Those contents will be implemented by lectures, practices and observations.</p>	IMPLEMENTING PARTNER	NTT WEST-KYUSHU CORPORATION
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2003~2010
	REMARKS	<p>1. As the program is positioned as an introduction to IT, participants from countries and organizations that have just started to introduce Internet technology will be preferred.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Outcome: The course is intended to help the participants raise the production level of documentary programs.</p> <p>Output: (1) To explain the points of process of Documentary TV program production. (2) To Acquire the knowledge related to TV program production (human right, broadcasting ethics, copy right, etc.) (3) To propose the improvement plan for TV program production in recipient country.</p>	<p>(1) TV programme producers or directors engaged in public or private TV broadcasting centers who are expected to continue working in the field, (2) Individuals with between 5 and 10 years of practical experience in TV programme production, including planning, structuring, and script writing, (3) Age: 25-35 years old, in principle (3) Individuals with a sufficient command of written and spoken English to participate in discussions</p>	
CONTENTS	PROGRAM PERIOD	Jan.20.2009~Mar.7.2009
<p>To learn the method of Documentary TV program production.</p> <p>Lecture: Role of Broadcasting , Japanese broadcasting system and role of NHK, TV production theory, Issues of TV program production in the age of digitalization, Broadcasting and human right, approach to disaster reporting</p> <p>Exercise: Documentary TV program production(deviled into two team)</p> <p>Observation: visit broadcasting center.</p>	IMPLEMENTING PARTNER	NHK COMMUNICATIONS TRAINING INSTITUTE
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Telecommunication networks are spreading in every country worldwide, and their development has been remarkable. However, problems are caused by frequent breakdown, corrosion, and the encroachment of various telecommunication facility systems, which makes it difficult to construct a basis for rolling out broadband in developing countries. Ineffective and inefficient design, construction and maintenance are considered to be the causes of those problems.</p> <p>The aim of this program is to enable participants to design, construct and maintain telecommunications outside the plants of the participants' region appropriately. To attain the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1. To learn design and construction techniques for external plants</li> <li>2. To learn skills for maintaining external plants and managing defective facilities</li> <li>3. To learn skills for planning facility investment based on demand forecasts</li> <li>4. To learn new technologies of access networks</li> <li>5. To learn about quality and security control</li> </ol>	<p>[Target Organization]                      Ministry in charge of IT                      Governmental telecommunication and telephone companies</p> <p>[Target Group]                      1. Telecommunication engineers who have at least 3 years of practical experience in network planning, designing, constructing and maintenance, especially in the field of access networks                      2. Technical school or junior college graduates who majored in telecommunication or equivalent</p>	
CONTENTS	PROGRAM PERIOD	Sep.1.2008~Nov.29.2008
<ol style="list-style-type: none"> <li>1. Design of external plants (basic design, demand forecast, manhole/handhole technique): Lectures, practice</li> <li>2. Construction of external plants (safety control, optical fiber fusion): Lectures, practice</li> <li>3. Maintenance of external plants (maintenance technique, emergency rehabilitation): Lectures, practice</li> <li>4. New technologies of access networks (xDSL, optical fiber access service): Lectures</li> <li>5. QC control: Lectures, practice</li> </ol>	IMPLEMENTING PARTNER	NTT WEST-KYUSHU CORPORATION
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2004~2008
	REMARKS	<ol style="list-style-type: none"> <li>1. As the program will provide basic techniques, participants should be under 35 years old.</li> <li>2. Maintenance techniques of external plants are fundamental for "broadbandization".</li> </ol>


OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program is designed with the aim of promoting executive officials who will become the core of the radio regulatory administration, based on understanding of the following:</p> <ol style="list-style-type: none"> <li>(1)The meaning and outline of frequency management, and the methods used to plan assignment, forecast demand and coordination</li> <li>(2)The actual frequency assignment, sanction of radio stations based on the number of stations and the need to use radio frequency</li> <li>(3)Whether the frequency actually assigned will be used efficiently, with future frequency needs, the necessity for post-fact radio regulations and a scheme involving clearance of illegally used waves</li> </ol>	<p>&lt;Target Organizations&gt;                      Central or local government in charge of the field of Radio regulatory administration</p> <p>&lt;Target Group&gt;                      (1) Junior college or technical school graduates or equivalent education                      (2) Officials with more than 3 years of occupational experience, specially engaged in the planning or coordinating of radio frequency assignment, or licensing of radio stations                      (3) Have a good command of spoken and written English</p>		
CONTENTS	PROGRAM PERIOD	Feb.15.2009~Mar.14.2009	
<p>The following subjects will be covered in this program through lectures, observations and discussions;</p> <ol style="list-style-type: none"> <li>(1) Legal systems for radio regulation</li> <li>(2) Frequency management</li> <li>(3) Sanctions and administration for radio stations</li> <li>(4) Radio frequency monitoring</li> <li>(5) Environmental problems associated with electromagnetic waves</li> <li>(6) Certification systems for telecommunications equipment</li> </ol>	IMPLEMENTING PARTNER	Radio Engineering & electronics Association	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2004~2008	
	REMARKS		


<b>Satellite Communications Engineering</b> <b>衛星通信技術</b>		GROUP  0880945
Information and Communication Technology—Information and Communication Technology		
		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Outcome: This program aims to enhance the expertise of the satellite communication engineers regarding planning and designing of satellite telecommunication backbone. Outputs: At the end of this program, the participants are expected; (1) to understand and be able to clearly describe the basic theory of satellite communication system, (2) to concretely describe the roles and features of each earth station facilities and satellite communications systems/technologies, (3) to be able to formulate pertinent construction plan of earth station as a preparatory exercise, and (4) to draw up an Action Plan on their duties regarding the designing of earth stations after return home.	(1) Engineers /technicians currently engaged in the field of satellite communications, such as planning, designing and/or operational management As the course is designed for engineers /technicians, researchers are not eligible. (2) Must have a minimum of three years working experience in the field of satellite communications (3) University graduates who majored in telecommunications, electrical/electronic engineering, or those who have equivalent knowledge in the field of satellite communications engineering. (4) Age: 25-40 years of age, in principle	
CONTENTS	PROGRAM PERIOD	May.7.2008~Jun.21.2008
Lecture General Aspects of Satellite Communication Basic Theory and Method of Fixed Satellite Communication Systems Earth Station Facilities for INTELSAT and INMARSAT Satellite Communication Systems Application Technologies for Satellite Communication Systems and Other Related Telecommunications Technologies  Practice Group Discussion on Simulating an Earth Station Construction Presentation of Discussion Result  Technical Observation Action Plan Presentation	IMPLEMENTING PARTNER	KDDI ENGINEERING AND CONSULTING, INC.
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	Countries with earth satellite stations (ground stations equipped with antennae to receive satellite signals) are preferable, as the program aims to enhance existing satellite communication services.

<b>Optical Fiber Cable Technologies</b> <b>光ファイバーケーブル</b>		GROUP  0880946
Information and Communication Technology—Information and Communication Technology		
		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Outcome: The program aims to help the participants to acquire knowledge/ techniques necessary for the network design of optical fiber cables and to disseminate them in their own organizations so that the organizations may enhance their technical capabilities.  Output: The participants are expected; (1) to be able to explain basic theory of optical fiber and optical fiber communications system, (2) to understand the meaning and roles of each facility of optical fiber cable backbone and become capable of applying appropriate system to each facility, (3) to acquire network design techniques in order to maintain high reliability of optical fiber, and (4) to understand operation and maintenance technologies needed to optical fiber cable network.	Governmental/semi-governmental organizations in charge of optical fiber cable networks and optical fiber cable communications carriers  1. Present position, assignment: engineers currently engaged in construction project or in operation and maintenance of optical fiber cable backbone networks 2. Occupational Background: have more than 3 years of experience in optical fiber communications networks 3. Academic Background: be university graduates who majored in telecommunications and/or electrical/electronics engineering	
CONTENTS	PROGRAM PERIOD	Nov.10. 2008~Dec.13. 2008
The program mainly consists of lectures, demonstrations and observations. The main items covered in this program are as follows: 1) Outline of telecommunications and optical fiber backbone networks 2) Basic theory and systems of optical fiber backbone networks 3) Practice (FTTH, Optical measurement technology) 4) Operation & maintenance technology 5) Upgrading network system 6) Basic design (Node design for terrestrial terminal station, Design exercise) 7) Discussions on Action Plan	IMPLEMENTING PARTNER	KDDI ENGINEERING AND CONSULTING, INC.
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	


Telecommunications Standardization 電気通信標準化		GROUP	0880967
Information and Communication Technology—Information and Communication Technology			
		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Program Objective: This program aims to help participants analyze issues related to the administration of telecommunication in their respective countries and formulate an action plan for improvement.</p> <p>To achieve the above Program Objective, participants are expected;</p> <p>(1) To acquire general knowledge of international mandatory standards.  (2) To acquire general knowledge of voluntary standards applied in Japan.  (3) To obtain a better understanding of international standardization trends, as well as efforts being made by the Japanese government toward international standardization policy and activities in Japan.  (4) To identify the problems they encounter in their own work and formulate an action plan to be implemented after returning home.  (5) To identify the problems related to standardization activities in their countries and formulate a plan to improve the activities at the level of their own organization.</p>	<p>Target Organization: Competent ministry in charge of telecommunications administration or department of a public organization in charge of telecommunications standardization</p> <p>Nominees must;</p> <p>(1) be an university graduate specialized in communication engineering or electronic engineering, or have its equivalent technical knowledge and experience.  (2) be an administrative officer in charge of information and telecommunications or an engineer in public telecommunications organization.  (3) be preferably engaged in telecommunications standardization.</p>		
CONTENTS	PROGRAM PERIOD	Jan.13. 2009~Feb.14. 2009	
<p>This program is composed of lectures, discussions and observations. The main topics are as follow:</p> <p>(1) Standardization activities of ITU and Japan  (2) Current situation of standardization administration  (3) Standardization activities of various organizations  (4) Technical regulation conformity certification  (5) Technology and services in the field of telecommunications, such as mobile communications and an IP-based network.</p>	IMPLEMENTING PARTNER	Information and Telecommunications Policy Bureau, Ministry of Internal Affairs and Communications (MIC)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Leadership Development for Information Systems Promotion 情報化推進のためのリーダー育成		GROUP	0880989
Information and Communication Technology—Information and Communication Technology			
Target Countries: Malaysia, Botswana, Zambia, Rwanda		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of the training program is to develop human resources who are capable of analyzing the current circumstances of information systems promotion in their respective countries and thus formulating and implementing a project to meet the information systems promotion policy of their own countries through understanding of the outline, methodology and present state of the e-Japan Priority Policy Program of Japan.</p>	<p>(1) University graduates or equivalent  (2) Individuals in public organizations engaged in the planning and management of informatization with at least three (3) years experience.  Exceptions:  (a) Individuals not specializing in operations associated with computers,  (b) Individuals possessing at least PC literacy  (3) Individuals between the ages of thirty (30) to forty-five (45)</p>		
CONTENTS	PROGRAM PERIOD	Oct.6.2008~Nov.29.2008	
<p>The main themes are:</p> <p>(1) Informatization trend in Japan (administrative evaluation of local governments, security)  (2) Introduction of the e-Japan Priority Policy Program, the national project (IT policy of Japan, local government information systems)  (3) Human resource development schemes for informatization, research institutes with new information and telecommunications technology)  (4) Acquire knowledge on management to implement the informatization project  (5) Understanding the structure, utilization and effect of the GIS system, disaster prevention system and mobile communication system  (6) Administrative support for venture business and measures for the multimedia industrial base  (7) Preparation and presentation of an action plan</p>	IMPLEMENTING PARTNER	KANSAI INSTITUTE OF INFORMATION SYSTEMS AND INDUSTRIAL RENOVATION	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


<b>Management Information Strategy (Master of Arts)</b> <b>経営情報戦略(長期)</b>		L/T  0881150
Information and Communication Technology—Information and Communication Technology		
		1 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> Training participant will be able to develop computerization strategies under administration and management theories, based on information science. <b>【Outputs】</b> Training participant will be able to: (1) Explain the theories related to Administration, Organizational Management, and Marketing. (2) Explain the Information Systems and their usage to business. (3) Propose and introduce IT resources, and build Information system schemes to support the organizational mission.	<b>【Target Organizations】</b> Ministries and/or agencies in a central government and/or local government authorities <b>【Target Group】</b> - Executive trainee - Individuals with minimum two years experiences in the information system division of public agencies - Under 35 years old - University graduate or equivalent - Having fine command of English	
CONTENTS	PROGRAM PERIOD	March.2009~March.2011
(1) Management Cultures, Management Strategy, Human Resources Management, Comparative Management, Accounting, Psychology of small groups, International Marketing, Regional Revitalization (2) Networking Industry, Information Interaction, E-Business, Computational Intelligence, Management and Activity-based Information Sciences, Special Module on Management and Information Sciences. (3) Project Seminar in Management and Information Sciences	IMPLEMENTING PARTNER	Graduate school of Meio University
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2008~2010
	REMARKS	


<b>IT HUMAN RESOURCE DEVELOPMENT PROGRAM FOR SOUTHWEST ASIAN AND THE PACIFIC COUNTRIES</b> <b>南西アジア・大洋州地域 IT人材育成</b>		R/F  0884094
Information and Communication Technology—Information and Communication Technology		
Target Countries: Southwest Asia and The Pacific Countries		7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
To enable the persons responsible for the curriculum development for IT human resource development to grasp and respond to the needs of the industry in order to promote the implementation of the policies. To reach the objective, participants are expected to achieve the following: (1) To learn technology in use, so that they will be able to draw up more pragmatic curriculums (2) To understand the respective roles of the government, educational institutions and the private sector and the coordination among them regarding the IT human resource development (3) To understand the policies and relevant actions of IT human resource utilization and development by private companies (4) To understand the government policies on IT human resource development and the relevant programs and activities by the public sector including educational institutions (5) To find, from among the various programs/actions presented through the program, some concrete ideas to apply to their countries, to solve issues regarding IT human resource development	1) Technical officers or faculty members responsible for the curriculum development for IT human resource development with more than 1 year of work experience at vocational schools, universities or public in-service training institutions. 2) Individuals with the Bachelor of Engineering or equivalent qualification. 3) Under 40 years old.	
CONTENTS	PROGRAM PERIOD	Nov.18.2008~Feb.7.2009
Preparatory phase: Prepare a country report which describes the present situation of IT human resource development in participant's country  Curriculum in Japan: (1) Technology in use for drawing up more pragmatic curriculums (Interface technology, C language, Open source software, PC hardware design, etc.) (2) Respective roles of the government, educational institutions and the private sector and the coordination among them regarding the IT human resource development (3) Policies and relevant actions of IT human resource utilization and development by private companies (4) Government policies on IT human resource development and the relevant programs and activities by the public sector including educational institutions (5) Action plan to enhance the IT human resource development	IMPLEMENTING PARTNER	Sapporo Information Technology Promotion and Diffusion Council
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006~2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to recommend/advise for computerization strategies from a viewpoint of database management, implement database portions in projects as planned under such strategies and maintain such database systems regularly as scheduled in daily operation.</p> <p><b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use human skills in team-working at a project. (3) To make a conceptual design, logical design (data modeling), physical design of a database. (4) To construct a database. (5) To operate and administrate a database. (6) To formulate an Action Plan based on knowledge, skill and awareness through the Workshop.</p>	<p><b>【Target Organizations】</b> Ministries and agencies in a central government and/or local government authorities</p> <p><b>【Target Group】</b> - Officers in charge of database management in an organization - Age: Under 35 years old. - University graduates or equivalent. - Having 3 to 5 years experiences as applications or database specialists - Having basic knowledge of Linux.</p>	
<p align="center"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.22.2008～Des.17.2008</p>
<p>Followings are subjects provided for each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Open Source Software, Security Basic, Project Management, Object-Oriented Analysis (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Database Design, Reliability Design, Workshop (4) Linux, Database Basics, Database Comparison, Database Construction, Programming, Database Application Development, Software Test (5) Performance Design, Database Tuning, Database Back-up Recovery, Data Migration (6) Workshop, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Fujitsu Limited</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>Based on the training contents of all outputs, participants will make action plan about enlightenment of technical knowledge and skills during Core Phase in Japan.</p>

<b>ICT Coordinator training for utilizing "Information Community (Tele-Center)" towards the dissolution of Digital Divide</b> デジタルデバイド解消に向けた情報コミュニティ(テレセンタ)のためのICT活用コーディネータ育成 Target Countries: Having "Information Community" towards dissolution of Digital Divide		GROUP  0880069 Information and Communication Technology-Information and Communication Technology 6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> This course is designed for participants to be able to propose a model to utilize "Information Community" with considerations of situations and conditions of each community <b>【Outputs】</b> (1) To understand the possibilities of utilization of "Information Community" (2) To study the ways to utilize ICT in consideration of situations of each country (3) To be able to explain the importance of ICT Coordinator (4) To be able to propose ICT utilization model in consideration of conditions of regions	<b>【Target Organizations】</b> Organization having established or planning to establish "Information Community" towards dissolution of Digital Divide <b>【Target Group】</b> • be in charge of training of ICT Coordinator of "Information Community" • be engaged in this field for 3-15years • to have technical knowledge about network and web	
CONTENTS	PROGRAM PERIOD	Under Planning
〈Preparatory Phase〉 Formulation of Job Report 〈Phase in Japan〉 (1)* Lectures on examples of Internet utilization in Japan * Case study of ICT solution in each area (2)* Sight visits of local communities where ICT is utilized in their own ways (3) Practices of ICT coordination (4)* Group works to make up ICT utilization model * Lectures and practices for making up Action Plan 〈Finalization Phase in participants' home countries〉 Sharing and developing Action Plan, Submission of Final Report (including progress of the Action Plan) to JICA regional Office	IMPLEMENTING PARTNER	NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	




<b>Web Application Development (Vendor) for E-Government Promotion</b> <b>電子政府推進のためのWebアプリケーション開発(ベンダー系)</b> Information and Communication Technology—Information and Communication Technology		GROUP 	0880073
		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Training participants, who work for computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to design and implement chiefly application portions using Web Technologies developed by a software vendor, in a system development project which realizes an information strategy. <b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use personal skills in team-working at a project. (3) To analyze business process and design a Web application system, using Unified Model Language (UML). (4) To construct a Web application system under Windows(R) architecture. (5) To formulate an Action Plan to solve issues on development of Web application system on Windows(R) platform, with knowledge, skill and awareness through the Workshop.	<b>【Target Organizations】</b> Ministries and/or agencies in a central government and/or local government authorities <b>【Target Group】</b> - Officers in charge of Web application development on Windows(R) platform - Age: Under 35 years old. - University graduates or equivalent. - Having 2 years work experiences of application development. - Having basic knowledge of Windows Server(R).		
CONTENTS	PROGRAM PERIOD	Jul.15.2008~Dec.23.2008	
Followings are subjects provided for each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Business Process Reengineering, Open Source Software, Security Basic, Project Management, Object-Oriented Analysis (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Structure Analysis and Design, Performance Design, Reliability Design, Object Oriented Analysis and Design, Database Design (4) Programming, Database Application Development, Software Test, Database Construction, Windows Server(R) Construction (5) Workshop, Action Plan	IMPLEMENTING PARTNER	Fujitsu Limited	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Based on the training contents of all outputs, participants will make action plan for solution creation during Core Phase in Japan.	

Information, Education and Communication (IEC) in Health Sector 保健医療分野におけるIEC活動		GROUP  0880075
Information and Communication Technology—Information and Communication Technology		
		20 participants ★ / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for public health and/or other health services to people in rural areas, will be able to plan and realize media strategies for sharing of knowledge among people in rural, transference of technologies to them and mobilization of them effectively and efficiently.</p> <p><b>【Outputs】</b> (1) To explain theories and concepts for planning and designing educational programs and materials (2) To explain basic theories for IEC activities (3) To use human skills in education, dissemination and/or enlightenment (4) To explain basic knowledge and use basic skills for producing materials in various media. (5) To explain awareness and findings from case studies of IEC activities in health sector in Japan and developing countries (6) To make an Action Plan for training of acquired knowledge, skills and awareness through comprehensive planning of an educational program and production of materials for health sector</p>	<p><b>【Target Organizations】</b> Ministry or agency of health and/or a health department in local governments</p> <p><b>【Target Group】</b> - Officers in Ministry or agency of health and/or a health department in local governments - Age: From 25 years old to 40 years old - University graduates or equivalent - Having 3 to 7 years of experience in IEC activities related to healthcare or in the planning, production and utilization of audiovisual media</p>	
CONTENTS	PROGRAM PERIOD	Sep.9.2008~Dec.23.2008
<p>Followings are subjects provided for each output mentioned above: (1) Instructional Design Basics, Instructional System Design, Motivation and Behavior Change, introduction of Video Media, Introduction of Multimedia, Media Literacy (2) Media for Public Relations and Enlightenment, Community Involvement Approach, Media Campaign (3) Communication, Facilitation, Presentation (4) Digital Video Shooting and Editing, Digital Photo Shooting, Production of Printed Materials, Web Contents Production on ISD Model (5) Case Studies on IEC activities of health enlightenment (HIV/Aids Project, Public Health, Reproductive Health) (6) Validation methodology, Final workshop (Planning, designing, producing and evaluating Web contents), Action Plan</p>	IMPLEMENTING PARTNER	Japan International Cooperation Center
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2008~2010
	REMARKS	<p>Based on the training contents of all outputs, participants will make action plan about enlightenment of technical knowledge and skills during Core Phase in Japan.</p> <p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Jan.13.2009 to Apr.23.2009 in the same content.</p>

Target Countries: countries under reconstruction

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Program Objective】</b> Diffusion Plan for sharing the knowledge and skills which are required for formulation of telecommunications network development plan based on needs of the target area in participant's organization.</p> <p><b>【Outputs】</b> (1) To be able to explain the method of Demand Forecast (2) To be able to explain the outline of Telecommunication Network Configuration Plan (3) To be able to explain and practice Transmission Network Planning (4) To be able to explain and practice Access Network Planning (5) To be able to explain the method of Project Planning and Evaluation Tender</p>	<p><b>【Target Organizations】</b> Government or public organization for telecommunication</p> <p><b>【Target Group】</b> -be telecommunication engineers who are currently working in telecommunication network planning, designing and constructing -be college or university graduates who majored in telecommunication, electrical engineering, or electronics, or those who have equivalent technical knowledge -have more than 5 years' experience in the related field -be younger than the age of 40 (desirable)</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan.5.2009～Feb.28.2009</p>
<p>(1) Macro Demand Forecast Micro Demand Forecast</p> <p>(2) Hierarchy of Telephone Network Signaling Plan/Common, Channel Signaling System Traffic Forecast(Traffic Theory) Circuit Calculation</p> <p>(3) Transmission Radio Network Planning Transmission Line (Metallic Cable/Optical Fiber Cable) Network Planning</p> <p>(4) Outline of Outside Plant/Remote Subscriber Module(RSBM) Designing of Outside Plant (Metallic Cable/Optical Fiber Cable) Practice of Optical Fiber Splicing (Connector/Melting Splice) Outline of ADSL Outline of VoIP</p> <p>(5) Feasibility Study Evaluation of Tender</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p> <p><b>COOPERATION PERIOD</b></p> <p><b>REMARKS</b></p>	<p>NTT West-Kyushu</p> <p>JICA Kyushu</p> <p>2008～2010</p>

Web-based Contents Management Systems (CMS) Technology ウェブベースの情報発信・管理システム運用技術		GROUP 	0880319
Information and Communication Technology—Information and Communication Technology		14 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objective】</b> The technologies for constructing the Contents Management System (CMS) based on the WEB utilizing open-source soft-wares, and its utilization, are shared among the staff members engaged in the activities in central/local government organizations/departments, where they positively try to enhance the administration through utilizing ICT (Information and Communication Technology)—the so-called realization of digital government—or where they have established its position as a model.</p> <p>To achieve this program objective, participants are expected in his/her countries and Japan;</p> <ol style="list-style-type: none"> <li>1.To formulate an Inception Report which are described the current situation of public service with ICT and perspectives for the future.</li> <li>2.To understand concepts and methodology to ensure program effectiveness.</li> <li>3.To strategically demonstrate gained skills and formulate an action plan (Interim Report).</li> <li>4.To develop the action plan (Interim Report) and carry out dissemination of program output in his/her organization to improve its viability.</li> </ol> <p>And, in participants' home countries, it is strongly recommended that the Interim Report is approved by the organization concerned.</p>	<p><b>【Target Organizations】</b> Administrative organs of central and local public bodies</p> <p><b>【Target Group】</b> the staff members engaged in the activities in central/local government organizations/departments, where they positively try to enhance the administration through utilizing ICT (Information and Communication Technology)—the so-called realization of digital government—or where they have established its position as a model.</p>		
CONTENTS	PROGRAM PERIOD	Oct.5.2008～Nov.29.2008	
<p>This program consists of the following phases.</p> <ol style="list-style-type: none"> <li>1.Preliminary phase (activities in the participants' home country) Preparation of the Inception Report. Every participant is requested to bring his/her documents in digital media in the widely accepted format such as MS-Power Point, OpenOffice.org, or PDF.</li> <li>2.Core Phase (activities in Japan)               <ol style="list-style-type: none"> <li>1)Lecture of the present status of ICT, information security, and, information management.</li> <li>2)Observation at information processing sites.</li> <li>3)Lecture and exercise for utilizing operating system and internet server.</li> <li>4)Lectures on CMS including examples of good practice.</li> <li>5)Exercise for developing information portal site by open source CMS 「Plone」</li> <li>6)Make the Interim Report(includes action plans for transferring CMS technologies in his/her organization and the outputs through this program in Japan)</li> </ol> </li> <li>3.Final Phase (activities in the participants' home country) implementation of the action plans in the Interim Report and report on progress (Final Report) within six months</li> </ol>	IMPLEMENTING PARTNER	University of Tsukuba	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2008～2010	
	REMARKS	The participants' organizations are continuously expected to provide administrative services based on deployed CMS, and receive feedback from the community, so that a bidirectional, open and sustainable information-sharing system is realized as overall goal.	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Program Objective】</b> Participants are expected to diffuse the basic knowledge of telecommunication network, the skill of basic plan-making and the basic IP technology in participants' organization.</p> <p><b>【Outputs】</b> (1) To be able to implement the basic management of telecommunication facilities (2) To be able to implement basic plan-making and designing of telecommunication (3) To be able to explain about the basic IP technology (4) To be able to explain current trend of telecommunication facilities (5) To be able to make diffusion plan for transferring the acquired knowledge and techniques to participants' colleagues (6) To be able to implement the diffusion plan after returning to home countries</p>	<p><b>【Target Organizations】</b> Telephone companies, telecommunication companies and agencies related to telecommunication</p> <p><b>【Target Group】</b> (1) be telecommunication engineers who are currently working in telecommunication network planning, designing and constructing (2) be college or university graduates who majored in telecommunication, electrical engineering, or electronics, or those who have equivalent technical knowledge (3) be younger than the age of 50 (4) have more than 3 years' experience in the area mentioned in (1)</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Apr.23.2008～Jun.26.2008</p>
<p>(1) Outline of Telecommunication Network, Demand Forecasting, Outline of NTT, Outline of Outside Plant, Signaling System and Quality Control (2) Metallic Design, Optical Design, Cable System and Radio System (3)Optical IP access service, LAN construction, LAN construction, VoIP and ADSL (4) RSBM, Optical Connection, visiting research institutions (5) Formulation of diffusion plan utilizing the knowledge and skills learn in Japan (6) Implementation of diffusion plan after returning to home countries</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>NTT West-Kyushu Corporation</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants will be able to intermediate and/or advanced methodologies for planning designing, producing and evaluating digital videos material for dissemination and enlightenment in various sectors.</p> <p><b>【Outputs】</b> (1) To explain theories and concepts for planning and designing educational programs and materials (2) To explain a "Human Skills" for activities of education, dissemination and enlightenment (3) To explain and use a basic knowledge and technical skills for producing digital video material. (4) To make an Action Plan to disseminate knowledge, skill and awareness through the Workshop of final video production and planning an dissemination /enlightenment program with using of the video.</p>	<p><b>【Target Organizations】</b> Ministries and/or agencies in central government and/or local government authorities</p> <p><b>【Target Group】</b> - Officers in charge of the planning and production of video program in a governmental or public organization. - Age: From 25 years old to 40 years old - University graduates or equivalent - Having 3 to 7 years of working experience of dissemination and enlightenment or of production of video program.</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.13.2008～Aug.29.2008</p>
<p>Followings are subjects provided for each output mentioned above: (1) Instructional design,Adult leaning theory,Introduction to audio visual media, Case study of media application in JICA projects (2) Presentation skill, Facilitation skill, Communication skill (3) Basic and application knowledge of shooting of digital video, Script writing, Basic and application knowledge of editing of digital video, Basic and application knowledge of animation, Exercise of producing digital video materials (4) Workshop(Planning, designing, producing and evaluating digital video materials and dissemination/enlightenment program), Formative Evaluation, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Japan International Cooperation Center</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>Based on the training contents of all outputs, participants will make action plan about enlightenment of technical knowledge and skills during Core Phase in Japan.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for assistance to people in rural areas, will be able to plan and realize media strategies for sharing of knowledge among people in rural, transference of technologies to them and mobilization of them effectively and efficiently.</p> <p><b>【Outputs】</b> (1) To explain theories and concepts for planning and designing educational programs and materials (2) To explain basic theories for IEC (Information, Education, Communication) activities (3) To use human skills in education, dissemination and/or enlightenment (4) To explain basic knowledge and use basic skills for producing materials in various media. (5) To explain awareness and findings from case studies of education/enlightenment activities in Japan and developing countries (6) To make an Action Plan to disseminate knowledge, skill and awareness through the Workshop of final educational material production (Web contents) and planning an dissemination /enlightenment program with such a material.</p>	<p><b>【Target Organizations】</b> Ministries and/or agencies in a central government and/or local government authorities</p> <p><b>【Target Group】</b> - Officers in charge of community enlightenment and planning and production of the media in a governmental or public organization. - Age: From 25 years old to 40 years old - University graduates or equivalent - Having 3 to 7 years of experience of planning and management of community enlightenment or of production of community enlightenment media.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Sep.2.2008~Dec.26.2008</p>
<p>Followings are subjects provided for each output mentioned above: (1) Instructional Design Basics, Instructional System Design, Motivation and Behavior Change, Multimedia Introduction, Media Literacy (2) Media for Public Relations and Enlightenment, Community Involvement Approach, Media Campaign (3) Communication skill, Presentation skill, Facilitation skill (4) Digital Video Shooting and Editing, Digital Photo Shooting, FLASH Animation, Production of Printed Materials, Web Contents Production on ISD Model (5) Use of Multimedia, Use of Various Media (6) Workshop (Planning, designing, producing and evaluating Web contents and dissemination/enlightenment program), Formative Evaluation, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Japan International Cooperation Center</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	<p>Based on the training contents of all outputs, participants will make action plan about enlightenment of technical knowledge and skills during Core Phase in Japan.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Solutions for Issues on planning and management on ICT projects for realization of computerization strategy in ministries and/or agencies in a central government and/or local government authorities will be directed.</p> <p><b>【Outputs】</b>                      (1) To explain collective knowledge on e-Government promotion in developing countries.                      (2) To use personal skills in team-working at a IT project.                      (3) To explain and practice Project Management Body Of Knowledge(PMBOK) according to the flow of a IT project.                      (4) To formulate an Action Plan to solve issues on management of a IT project, with knowledge, skill and awareness through the Workshop.</p>	<p><b>【Target Organizations】</b>                      Ministries and agencies in central government and/or local government authorities</p> <p><b>【Target Group】</b>                      - Management of a ICT development project in an organization.                      - Age: Under 45 years and over 30 years old.                      - University graduates or equivalent.                      - Having an experience either as an IT architect/system analyst for 5 years, or an experience as a project manager for 2 years.</p>	
<p align="center"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Mar.10.2009~Jun.26.2009</p>
<p>Followings are subjects provided for each output mentioned above:                      (1) E-Government outline, EA (Enterprise Architecture), BPR (Business Process Re-engineering) methodology                      (2) Leadership training, Negotiation skills, Presentation skills for dissemination                      (3) Project Management, Project planning, Quality Control, Risk management                      (4) Workshop, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Fujitsu Limited</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	<p>Based on the training contents of all outputs, participants will make action plan for solution creation during Core Phase in Japan.</p>



WEB APPLICATION DEVELOPMENT (OPEN SOURCE) FOR E-GOVERNMENT PROMOTION 電子政府推進のためのWebアプリケーション開発(オープンソース系)		GROUP  0880023
		Information and Communication Technology—Information and Communication Technology 9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Solutions for issues on application designing/development by using Web Technologies of Open Source Software in a system development which realizes an information strategy in ministries and/or agencies in a central government and/or local government authorities will be directed.</p> <p>【Outputs】 (1) To explain collective knowledge on e-Government promotion. (2) To use personal skills in team-working in a IT project. (3) To analyze business process and design a Web application system, using Unified Model Language (UML). (4) To construct a Web application system on Open Source Software platform. (5) To formulate an Action Plan to solve issues on development of Web application system on Open Source Software platform, with knowledge, skill and awareness through the Workshop.</p>	<p>【Target Organizations】 Ministries and/or agencies in a central government and/or local government authorities</p> <p>【Target Group】 - Officers in charge of Web application development with open source software. - Age: Under 35 years old. - University graduates or equivalent. - Having 2 years work experiences of application development. - Having basic knowledge of Linux.</p>	
CONTENTS	PROGRAM PERIOD	Jan.6.2009～Jun.25.2009
<p>Followings are subjects provided for each output mentioned above: (1) E-Government outline, EA (Enterprises Architecture), BPR (Business Process Reengineering) methodology (2) Leadership training, Negotiation skills, Presentation skills for dissemination (3) Structurizing Analysis Design, Object-Oriented Analysis Design, Web site Interface Design, (4) Linux and System Construction Basics, PHP Programming and Database Application Development, MySQL Construction and Operation, Software Testing (5) Workshop, Action Plan</p>	IMPLEMENTING PARTNER	Fujitsu Limited
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2008～2010
	REMARKS	Based on the training contents of all outputs, participants will make action plan for solution creation during Core Phase in Japan.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to recommend/advise for computerization strategies from a viewpoint of database management, implement database portions in projects as planned under such strategies and maintain such database systems regularly as scheduled in daily operation.</p> <p><b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use human skills in team-working at a project. (3) To make a conceptual design, logical design (data modeling), physical design of a database. (4) To construct a database. (5) To operate and administrate a database. (6) To formulate an Action Plan based on knowledge, skill and awareness through the Workshop.</p>	<p><b>【Target Organizations】</b> Ministries and/or agencies in a central government and/or local government authorities</p> <p><b>【Target Group】</b> - Officers in charge of database management in an organization - Age: Under 35 years old. - University graduates or equivalent. - Having 3 to 5 years work experiences as applications or database specialists - Having basic knowledge of Linux.</p>	
<p align="center"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jan.13.2009~Jun.11.2009</p>
<p>Followings are subjects provided for each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Open Source Software, Security Basics, Project Management, Object-Oriented Analysis (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Database Design, Reliability Design, Workshop (4) Linux, Database Basics, Database Comparison, Database Construction, Programming, Database Application Development, Software Test (5) Performance Design, Database Tuning, Database Back-up Recovery, Data Migration (6) Workshop, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Fujitsu Limited</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	<p>Based on the training contents of all outputs, participants will make action plan for solution creation during Core Phase in Japan.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to recommend and advise to computerization strategies from a viewpoint of information security or to formulate information security policies pararely to computerization strategies, and assure whether information resource is secured according to such strategies and policies</p> <p><b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use personal skills in team-working at a project. (3) To explain a framework of information security. (4) To construct and operate a security system on a computer network. (5) To formulate an Action Plan based on knowledge, skill and awareness through the Workshop.</p>	<p><b>【Target Organizations】</b> Ministries and/or agencies in a central government and/or local government authorities</p> <p><b>【Target Group】</b> - Officers in charge of security management in an organization. - Age: Under 35 years old. - University graduates or equivalent. - Having 3 to 5 years work experiences as applications or network specialists</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.5.2008~Dec.13.2008</p>
<p>Followings are subjects provided for each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Open Source Software, Security Basic, Project Management (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Information Security Policies and Standards, Construction of Information Security Management System (ISMS), Information Security Audit, Risk Analysis on Information Security (4) Linux, Network basics, Internet Servers Construction, Network Security, Firewall Construction, Measures against illegal access (5) Workshop, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Fujitsu Limited</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	<p>Based on the training contents of all outputs, participants will make action plan for solution creation during Core Phase in Japan.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The broadcasting digitalization and the maintenance management of digital broadcasting equipments are implemented effectively in the TV broadcasting station in the developing country.</p> <p><b>【Outputs】</b> (1) 1. At the end of the program unit, participants are able to explain the outline of digital technology and the broadcasting system which makes use of advantages of digital broadcasting. (2) 2. At the end of the program unit, participants are able to understand the high quality and efficient program production technics which are applied digital technology. (3) 3. At the end of the program unit, participants are able to acquire practical skills of periodic maintenance for broadcasting equipments, especially VTR's by using relevant service manuals. (4) 4. At the end of the program unit, participants are able to make a proposal (Action Plan) to suggest the effective operation method of digital broadcasting and rational maintenance management method of digital equipments. (5) 5. After returning within the due date of submission of the Final Report, the proposal (Action Plan) made by participant is shared in the organiation and discussed towards the realization and implementation.</p>	<p><b>【Target Organizations】</b> Broadcasting organizations and its related governmental organizations in developing countries</p> <p><b>【Target Group】</b> -Engineers, working at broadcasting organizations who are in a position of leader of section or equivalent rank -Have practical experience in TV engineering -College or university graduates or have an equivalent technical knowledge of electronic engineering and having fundamental knowledge about digital engineering theory -Under forty (40) years of age, in principle</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.8.2008～Sep.13.2008</p>
<p>(1) Outline of Digital broadcasting in Japan High definition television technology / Multi-channel service(several program transmission with one channel)/Multi-languauge broadcasting/Data Broadcasting /Services for mobile divices(one-segment system)/Digital Radio (2) Program production using low-cost and high quality digital equipment (non-linear editing, DAW, HDV camera) Latest production techniques (5.1 surround audio, outside broadcasting technique) (3) Importance and necessity of periodic maintenance./ Explanation of overall configuration for the major part of concerned equipments./ How to use relevant tools and measurement equipment to carry out the maintenance./ Hands-on trainings to obtain actual skill of the maintenance. (4) Digital theory / Digital transmissster Optimum maintenance works of studio equipment and to get longer life of the equipment./ Overall understanding of MMP approach to the maintenance./ Analysis of work flow formaintenance division at the organization/ MMP software to apply to daily jobs (5) Presentation of proposal(Action Plan) in participants' organization/ Preparation for the Final Report.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p>	<p>NHK Communications Training Institute、Sony Corporation</p> <p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants make a "Project Proposal" for rural telecommunication network in a rural area of their respective countries.</p> <p>To achieve the above Program Objective, participants are expected;</p> <ol style="list-style-type: none"> <li>1) To overview the current condition and identify the issues of rural telecommunication network in their respective countries,</li> <li>2) To acquire good understanding of theories essential for rural telecommunication development,</li> <li>3) To acquire good understanding of various mode and technologies of rural telecommunication and thereof to be able to formulate the development plan suitable for the specific topography, and</li> <li>4) To make a project proposal of network development of the model area in their respective countries with due consideration of the feasibility.</li> </ol>	<p>Eligible / Target Organization: This program is offered to governmental/semi-governmental organizations in charge of telecommunications development* in rural areas. * satellite, optical fiber, wireless, cellular, mobile etc.</p> <p>Nominee Qualifications: Applying Organizations are expected to adequately select nominees. Nominees must;</p> <ol style="list-style-type: none"> <li>(1) be in charge of outside plant network planning or be expected to become in the near future,</li> <li>(2) have more than five (5) years experience of network management in principle,</li> <li>(3) be university graduates specialized in telecommunications or equivalent,</li> <li>(4) be under fifty (50) years of age in principle.</li> </ol>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Aug. 5. 2008~Sep. 27. 2008
<p>Preliminary Phase:</p> <ol style="list-style-type: none"> <li>(1) Submission of Inception Report, including information below;                             <ol style="list-style-type: none"> <li>1-1. Existing telecommunication infrastructures and ongoing projects in rural areas,</li> <li>1-2. A model rural area in their countries decided by organization, and</li> <li>1-3. Problems / issues in the model rural area</li> </ol> </li> <li>(2) Self-education of the basic theory of rural telecommunication networks;                             <ol style="list-style-type: none"> <li>2-1. Experience of rural telecommunication development and its current trends, and</li> <li>2-2. Telephone traffic theory and microwave link path design</li> </ol> </li> </ol> <p>Core Phase in Japan:</p> <ol style="list-style-type: none"> <li>(1) Complementary lectures of self-education</li> <li>(2) Network planning exercises                             <ol style="list-style-type: none"> <li>2-1. Learning rural telecommunications systems and its characteristics,</li> <li>2-2. Learning power supply systems for rural telecommunications, and</li> <li>2-3. Drill in network planning for various rural areas</li> </ol> </li> <li>(3) Submission of Interim Report, a draft of "Project Proposal for rural telecommunication infrastructure", considering issues below;                             <ol style="list-style-type: none"> <li>3-1. Lectures for funding for rural telecommunication development,</li> <li>3-2. Exercise for problem analysis using PCM (Project Cycle Management), and</li> <li>3-3. Lecture for feasibility study</li> </ol> </li> </ol> <p>Finalization Phase: Submission of Final Report, "Project Proposal for rural telecommunication infrastructure"</p> <ol style="list-style-type: none"> <li>1. Reporting an Interim Report and obtaining feed-back,</li> <li>2. Gathering information which was insufficient, and</li> <li>3. Finalizing the Final Report</li> </ol>	<b>IMPLEMENTING PARTNER</b>	THE ITU ASSOCIATION OF JAPAN, INC.
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2005~2009
	<b>REMARKS</b>	<p>Cooperation from organizations is necessary, particularly during the Preparatory phase and Post-program activities. Remarkable proposals may be able to be supported by follow-up cooperation, if the participant and his/her organization are also willing.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Program Objective The objective of this program is to introduce Japan's trends and experiences in policy, system, business and advanced technologies of broadcasting sector. Participants are expected to deepen their understanding of them.</p> <p>Output Regarding the current situation of administration and business matters of Japanese TV broadcasting and technological trend in the area, the participants will; 1. summarize a proposal as a group in the form of Minutes of Discussion by sharing their knowledge and experiences concerning the abovementioned matters in the discussion. 2. make an individual report on policies which can be applied to solve the problems in each country</p>	<p>(1) Director-General or equivalent high ranking officials of the public telecommunication sector in governmental organizations (2) Executives of telecommunication carriers</p> <p>Participants should be executive level personnel.</p>	
<p>CONTENTS</p> <p>- Major aspects of Japan's broadcasting policy sector. - Trends of Terrestrial digital TV broadcasting - Observation to digital broadcasting equipments/facilities.</p>	PROGRAM PERIOD	Nov. 9. 2008~Nov. 21. 2008
	IMPLEMENTING PARTNER	Telecommunications Bureau, Ministry of Internal Affairs and Communications
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The objective of this program is to clarify the important issues that the policy-making and regulating authority should tackle in order to put the universal service into practice in a competitive setting. (1) The participants shall deepen their understanding of three important issues below, discuss among them on "the roles that the regulating authorities should play in order to realize the universal service", and summarize their shared views and proposal into the minutes of discussion. a. To learn the theory of telecommunications policies, and understand the ideal situation of policymaking and regulation, b. To understand the roles of the regulating authority in the competitive market, and sort out the relevant issues, c. To understand the business strategies of telecommunications carriers in the competitive market, and consider how the regulating policies should be, (2) Respective participants shall draw up an Action Plan which describes what they should do specifically after return home for the problems they face in their duties.</p>	<p>Eligible / Target Organization: This program is offered to governmental organizations in the field of telecommunications. Nominee Qualifications: (1) director or equivalent in charge of policy making or regulations in the telecommunications sector in a governmental organization, (2) have several years of experience in governmental organization(s) in charge of telecommunications and have sufficient knowledge of the telecommunications sector, (3) be a graduate of university or the equivalents (4) thirty five (35) - fifty (50) years of age, in principle.</p>		
<p>CONTENTS</p> <p>Preliminary Phase: (1) Study pre-training materials which will be sent in advance (2) Formulation of Country Report</p> <p>Core Phase in Japan: (1) Japanese case study of telecommunication policies and regulations (Lecture) (2) The role of administrative organizations in competition (Lecture, Discussion) (3) Business strategies of telecommunications carriers (Lecture, Discussion) (4) Trials of local governments and support from central government (Observation) (5) Discussion on the "Universal service of Telecommunication"</p>	PROGRAM PERIOD	June 15. 2008~July 5. 2008	
	IMPLEMENTING PARTNER	Foundation for MultiMedia Communications	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Countries that plan to privatize or have already privatized state-run enterprises are preferable.	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Director general level executives in charge of postal service policies will sort out their thoughts regarding problems associated with the diversification of postal services in their home countries.</p> <p>To attain the objective, participants are expected to achieve the following results:</p> <p>(1) To exchange opinions among themselves and the people concerned with regard to better postal services and share recognition and suggestions with them to sort out common problems.</p> <p>(2) To make a reform plan individually which includes measures and policies to solve postal service problems in their respective countries.</p>	<p>Director generals or above who are engaged in policy making in the postal service sector, or executive managers of organizations responsible for postal services, or their equivalent.</p>	
CONTENTS	PROGRAM PERIOD	Feb.9.2009~Feb.21.2009
<p>1. Postal System 2. Postal Service Management 3. Promotion of Mechanization and Information Technology 4. Postal Service 5. Privatization of Postal system Observation of the Post Office 6. Reform Plan</p>	IMPLEMENTING PARTNER	JAPAN POST Service.co., LTD (Tentative)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	


# 9. Natural Resources and Energy



Tropical Biomass Utilization 熱帯バイオマス利用		GROUP	0880032
Target Countries: Tropical/sub-tropical countries		Natural Resources and Energy—Renewable Energy	
		4 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
To enable participants to learn methods of measuring the endowment of biomass and the possible amount of utilization, and designing effective ways of using it.  To reach the objective, participants are expected to achieve the following: (1) To understand approaches to create a re-cycling oriented society, referring to the concepts of Biomass Nippon and the Biomass Asia Programs. (2) To understand methods of estimating unused biomass resources, planning of utilization systems and their evaluation. (3) To understand individual technologies; e.g. biomass production, collection, transportation, conversion, and monitoring, to formulate a biomass utilization plan.	[Target Organizations] Engaged in the planning, promotion and utilization of biomass  [Target Group] (1) Individuals with at least 3 years of experience in the field of above mentioned (2) University graduates in the field of science (3) Individuals 25-35 years of age		
CONTENTS	PROGRAM PERIOD	Sep.30.2008~Dec.6.2008	
<p>&lt;Preparatory phase&gt; Formulating a country report describing the present situation of Biomass utilization in the participant's country and the role of their organization.</p> <p>&lt;Program in Japan&gt; This program consists of lectures, practical exercises, report-making, presentation, and observation tours.</p> <p>(1) Acquire methods for designing a recycling society and biomass utilization system and approaches for designing recycling societies which utilize biomass (such as 'Biomass Nippon', 'Concept of Biomass Town'), estimating the amount of endowment and production of biomass, designing a biomass utilization system and evaluating the impact of biomass utilization.</p> <p>(2) Acquire methods for measuring the biomass resources, a planning technique for a biomass utilization system and techniques for evaluating the effect of biomass.</p> <p>(3) Acquire specific techniques related to the design of biomass utilization systems, biomass production and collection methods for unused biomass resources, biomass energy conversion, utilization of biomass transforming materials, and the measurement, monitoring and evaluation of biomass utilization.</p>	IMPLEMENTING PARTNER	FACULTY OF AGRICULTURE, UNIVERSITY OF THE RYUKYUS	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


Small-Scale Hydro Power and Clean Energy Power Engineering 小水力及びクリーンエネルギー発電技術		GROUP	0880860
		Natural Resources and Energy—Energy Supply Private Sector Development—Industrial Technology	
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The objective of this program is to improve knowledge and skills on electric power facilities management, from the stages of planning, designing, maintenance, up to operation, in the field of hydroelectric power generation, to make a concrete improvement plan.  Expected Results: (1) To learn the procedure for planning hydroelectric power generation (2) To acquire management techniques for the maintenance and operation of small hydropower generation facilities (3) To understand the environmental impacts and effects of renewable energy in general (4) To make a business improvement plan for the participant's organization, based on the above-mentioned experience and knowledge	[Target Organizations] (1) Government agencies in charge of electric power, electric power corporations, electric power generation corporations, and other related organizations (2) Particularly organizations in charge of the planning, maintenance, and operation of small hydropower stations [Target Group] Those in charge of small-scale hydro generation and civil, electrical, or mechanical engineers with at least 5 years of experience. To be university graduates in an engineering discipline or the equivalent, and proficient in English.		
CONTENTS	PROGRAM PERIOD	Sep.1.2008~Oct.4.2008	
<p>1. Pre-training program (1) Creation of country and job reports</p> <p>2. Training program in Japan (1) Historical background of the electricity business and hydroelectric power generation in Japan (2) Research, planning and design of small hydropower plants (3) Operation and maintenance of small hydropower plants (4) Introduction to planning for renewable energy (solar power and wind power) (5) Framework of Clean Development Mechanism (6) Observation (a) Small hydropower sites (b) Manufacturer of generating sets (c) Observation travel</p>	IMPLEMENTING PARTNER	CHUBU ELECTRIC POWER CO., INC.	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Countries working on regional electrification/ renewable energy (hydroelectric power) and which have or plan to build small hydroelectric power stations (around 30 MW) are preferable.	


Sustainable Development of Mining 鉱山開発と持続可能な成長		GROUP  0880882
		Natural Resources and Energy—Mining
		18 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The group training program in the Sustainable Development of Mining is designed for engineers and technicians, in order to upgrade their knowledge and skills in the sustainable development of mining, and thus contribute to the prevention of mining-related pollution problems and sustainable mineral development in developing countries.</p> <p>Through the program, participants are expected :</p> <ol style="list-style-type: none"> <li>1) To gain an understanding of the present circumstances of the mining industry and mine pollution control activities,</li> <li>2) To deepen and broaden their knowledge of exploration/mining/mineral processing, metallurgy/recycling, and</li> <li>3) To obtain knowledge and technology for the prevention of mining-related pollution problems and sustainable mineral development in the future rather than at present.</li> </ol>	<ol style="list-style-type: none"> <li>(1) Individuals having majored in Engineering or equivalent,</li> <li>(2) Engineers or Technicians in mining geology, mining, mineral processing or metallurgy in the field of mining development and with more than 5 years of practical experience,</li> <li>(3) Individuals under approx. 40 years old,</li> <li>(4) Individuals proficient in English, especially reading comprehension,</li> <li>(5) Individuals in good health. Pregnant women are inappropriate.</li> </ol>	
CONTENTS	PROGRAM PERIOD	Aug.13.2008~Nov.16.2008
<ol style="list-style-type: none"> <li>1. Lectures related to: <ul style="list-style-type: none"> <li>● Issues for Sustainable Development of Mine</li> <li>● Mine exploration and Environmental issues</li> <li>● Exploration and Environmental Prevention Technology</li> <li>● Mineral Processing, Metallurgy and Recycling of Metals</li> </ul> </li> <li>2. Field trips <ul style="list-style-type: none"> <li>● Mine Drainage Neutralization Plant</li> <li>● Smelter and Refinery</li> <li>● Mines</li> <li>● Recycling Plants</li> </ul> </li> <li>3. Country Report presentation <ul style="list-style-type: none"> <li>● Statistics of Each Economy and Mining Production</li> <li>● Mining Policy</li> </ul> </li> </ol>	IMPLEMENTING PARTNER	INTERNATIONAL INSTITUTE FOR MINING TECHNOLOGY
	JICA CENTER	JICA Tohoku
	COOPERATION PERIOD	2004~2008
	REMARKS	The course is inappropriate for those who handle coal mining and/or iron ore, because its contents are specially arranged for a metal field.

Plant Engineering and Technical Standard for Refineries, Chemical and Thermal Power Plants (Pressure Vessels, Storage Tanks, and Others) 石油、化学及び火力発電プラントの設備管理と技術基準		GROUP  0880983
		Natural Resources and Energy—Energy Supply
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective] To obtain comprehensive knowledge of setting standards and inspection techniques/application for the safe operation of refineries, chemical, and thermal power plants in developing countries, in order to appropriately set standards for plant management.</p> <p>Upon successful completion of the course, the participants will:</p> <ol style="list-style-type: none"> <li>1. understand laws/regulations and design/fabrication standards for refineries, chemical and thermal power plants in Japan and other countries;</li> <li>2. acquire design and fabrication techniques by understanding the strength and design of pressure facilities;</li> <li>3. acquire inspection techniques by understanding an annual and daily maintenance criteria on the installed pressure facilities and others;</li> <li>4. understand safety measures and security systems for pressure vessels; and</li> <li>5. make an operational improvement plan (tentative) for their workplaces, based on techniques, knowledge, and experience obtained from the training.</li> </ol>	<p>*Government officers who are in charge of plant regulations for government-affiliated agencies, private companies, or others</p> <p>*Persons who are in charge of plant engineering, technical standard, design, fabrication, or maintenance of pressure vessels, storage tanks, and others</p>	
CONTENTS	PROGRAM PERIOD	Sep.29.2008~Nov.22.2008
<ol style="list-style-type: none"> <li>(1) Outline of Japanese Law</li> <li>(2) Design and fabrication standards for pressure vessels, etc.</li> <li>(3) Strength design</li> <li>(4) Material design</li> <li>(5) Fabrication control</li> <li>(6) Maintenance</li> <li>(7) Accident examples</li> <li>(8) Factory tour</li> <li>(9) Job Report presentation</li> <li>(10) Action Plan presentation</li> </ol>	IMPLEMENTING PARTNER	AICHI INDUSTRIAL RESEARCH ASSOCIATION
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2005~2009
	REMARKS	<a href="http://www.airi.aichi-iic.or.jp/oshirase/koukennyokai.html">http://www.airi.aichi-iic.or.jp/oshirase/koukennyokai.html</a>

Power Sector Development for Central Asia and Caucasus Region 中央アジア・コーカサス地域 電力セクター開発		R/F	0884008
Target Countries: Central Asia		9 participants	Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Formulate an Action Plan appropriate for their country's electric policy, and organization activities based on the Action Plan is introduced.  To reach the above outcome, participants are required:  1. To explain the contents of electric policies, supply structure and electric sectorial structure (bundling or unbundling of power generation, distribution and retail operations). 2. To illustrate problems of electricity policies of their own country. 3. To examine electricity policies which are suitable for their home country and can announce the Action Plan for enforcement.	(Target Organizations) Government agencies or electric power utilities, which are charged with electric policy.  (Target Group) 1. University/college graduates or equivalent 2. Individuals with over 5 years practical experience. 3. Individuals engaged in the drafting of electricity policy. (Above the level of division chief in a government authority) 4. Individuals with sufficient Russian conversation and reading ability.		
CONTENTS	PROGRAM PERIOD	Jan.25.2009~Feb.7.2009	
Preparatory phase: Prepare a Country Report describing present situation of each countries/ organizations and their problems in power sector.  Program in Japan: (Lecture) Outline of Japanese electric policy, Outline of Japanese electricity business, Technical aspect of power supply, The various sides of an electricity policy, Development status of an oil alternative fuel, Anti-global warming measures (Observation) Thermal power plant, Transformer substation, etc. (Discussion) Country Report Presentation, Action Plan Presentation, etc.	IMPLEMENTING PARTNER	International Development Center of Japan	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Electric Power Development Planning in Mekong Region Countries 東南アジア地域 メコン地域における電力開発計画		R/F	0884058
Target Countries: Mekong Region Countries		8 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Capacity development for electric power planning in consideration of power interchanges in Mekong region countries. 【Outputs】 (1)Trainees can own jointly the electric power development planning information including latest plan, basic data and standards in each country. (2)Trainees can explain the general knowledge of electric power development planning. (3)Trainees can explain the characteristic of each power source, transmission system and power plant. (4)Trainees can explain the considerable issue and point of Planning surveys of power facilities, Permissions, Plannings and Locations. (5)Trainees can extract priority issues and examine the necessary countermeasures in each country as a result of this training program.	【Target Organizations】 Electric power planning bodies (e.g. Ministry of energy, Electric power company) 【Target Group】 (1)Working in the organization for electric power development planning (2)Individuals currently engaged in the field for more than 3 years (3)Individuals with sufficient English conversation and reading ability		
CONTENTS	PROGRAM PERIOD	Oct.19.2008~Nov.6.2008	
Preparatory phase: Prepare a Country Report describing the present situation and problem of each country/organization  Program in Japan: (Lecture)An approach to energy source best-mix, power system operation and electric power development in consideration of cost, stability/energy-security and environment. Outline of Planning surveys of power plant and transmission system, Permissions, Plannings and Locations, etc. (Observation)Load Dispatching Office, Thermal Power Plant(Gas/Coal/Oil-fired), Water PP(Conventional/Pumping storage), Nuclear PP, New-energy PP, etc. (Practice)Presentation and discussion of country reports in each country. Summary of the training program (Training report and countermeasures in each country)	IMPLEMENTING PARTNER	JAPAN ELECTRIC POWER INFORMATION CENTER INC.	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Solar Power Generation Technology for Middle East Area 中東地域 太陽光エネルギー発電技術		R/F 	0884069
Target Countries: Middle East Area		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> To gain the fundamental knowledge and practical examples that is able to use to introduce of system, promotion of utilization, and maintenance management of solar power generation. <b>【Outputs】</b> (1) To understand the place of solar power generation in Japanese energy policy and its actual cases of generation applies. (2) To know and gain the techniques of principal of solar power generation (semiconductor material, solar battery) and its structure and production method (3) To learn the techniques of PV facilities, set up of equipments, maintenance and management (4) To learn the technology of cost evaluation, environmental assessment (5) To make an action plan to solve the problem of the organization which participants belong to	<b>【Target Organizations】</b> Governmental organization of energy development <b>【Target Group】</b> Engineers working for energy-related government ministry, electric power public corporation, and other public organization		
<b>CONTENTS</b> (1) Japanese energy policy, needs, economic efficiency and future aspect of solar power generation of solar power generation (lectures) (2) General information of solar power generation, semiconductor material, solar battery, accumulator, electronic circuit, process of solar battery and module making, observation of information transmission/ relay station (lectures, practices and observations) (3) Constitution, design and assembling of PV, system constitution according to the purpose of use, constitution and set up cases of system for home and industrial type, cases of middle scale PV system, observation of solar house and solar office (lectures, practices and observations) (4) Regional characteristics of PV, solar irradiation and amount of insolation, energy effective utilization, kind of the solar battery and an evaluation method, structure of the solar battery and those characteristic evaluation, environmental assessment (lectures, practices and observations) (5) Action plan making	<b>PROGRAM PERIOD</b>	Jun.16.2008~Sep.3.2008	
	<b>IMPLEMENTING PARTNER</b>	Graduate School of Engineering, Osaka City University	
	<b>JICA CENTER</b>	JICA Osaka	
	<b>COOPERATION PERIOD</b>	2008~2010	
	<b>REMARKS</b>		

Enhancement of Capabilities for Geothermal Energy Development for Plan Puebla Panama Countries 中米・カリブ地域 プエブラ・パナマ計画地熱開発事業計画策定能力向上		R/F 	0884075
Target Countries: "Plan Puebla Panama" participation countries		11 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Participants will enhance their ability to utilize geothermal energy development by the understanding of the policy making addressed to geothermal energy, and the necessary process of development. <b>【Outputs】</b> (1) Capacity building to promote national awareness and determination in utilizing geothermal resources (2) Capacity building in the basics to explore and exploit the utilization of geothermal resources (Technical aspects) (3) Capacity building in the basics to explore and exploit utilizing geothermal resources (Economy and environmental aspects) (4) Understanding about geothermal powerplant operation and multipurpose utilization of geothermal energy (Field trip)	<b>【Target Organizations】</b> Governmental institutions dealing with policy design and with finance of energy, and geothermal energy development <b>【Target Group】</b> (1) Individuals from above-mentioned governmental institutions (2) Individuals with more than 5 years occupational experience in this field		
<b>CONTENTS</b> (1) Setting of the general framework with respect of the energy situation of the PPP region and renewable resources, Schemes for development / exploitation (including private sector), Direction to be given by governments to promote development and exploitation of geothermal resources (2) Geothermal risk and its mitigation, Exploration of geothermal resources by surface studies and surveys, Evaluation of the geothermal resources using well data, Utilization of the geothermal resources, Otake-Hatchobaru Geothermal Power Station, Takigami Geothermal Power Station (Kyushu Eelectric Power Co., Inc), (3) Economy of the geothermal development project, Financial support and international support / environmental values - Clean Development Mechanism (4) Facilities of multipurpose geothermal utilization projects	<b>PROGRAM PERIOD</b>	Nov.17.2008~Dec.13.2008	
	<b>IMPLEMENTING PARTNER</b>	West Japan Engineering Consultants Inc.	
	<b>JICA CENTER</b>	JICA Kyushu	
	<b>COOPERATION PERIOD</b>	2008~2010	
	<b>REMARKS</b>		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
The purpose of this training course is to enhance the capability of policy planning to promote mining investment. In order to achieve the main purpose, there are 3 objectives: (1) To understand the current problems of the mining sector. (2) To understand the current situation of mining investment. (3) To understand the outline of geological and mineral information management.	<b>【Target Organizations/Group】</b> Government officials in charge of the policy and planning of mining resource development	
CONTENTS	PROGRAM PERIOD	Feb.12.2009～Mar.14.2009
The following subjects will be covered in this course: 1) Training of skills to analyse problems - To learn the basic concept of problem analysis and make a plan to resolve problems in mineral policy making. At the end of this course, participants shall present an action plan as the final report. 2) Mineral commodities and mineral flows in industries - To learn how to use major mineral commodities in the industries of developed and developing countries for recognizing the importance of mineral resources. 3) Mining history and environmental issues 4) Mineral policy and the strategy of Japanese enterprises 5) Mineral laws of various countries 6) Governmental administration and information technology - Introduction of a case study of JOGMEC (Japan Oil, Gas and Metals National Corporation) for the implementation of mineral policy. 7) Remote sensing and GIS	IMPLEMENTING PARTNER	INTERNATIONAL INSTITUTE FOR MINING TECHNOLOGY
	JICA CENTER	JICA Tohoku
	COOPERATION PERIOD	2006～2008
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
Sub-course A, "Audit Technology for Energy Conservation" Participants will acquire the following knowledge and techniques regarding audit technology for energy conservation. (1) Outline of energy management and audit technology for energy conservation (2) Combustion train (mainly boiler, fired heaters) (3) Rotating machines (mainly blower, pump) (4) Electric power systems, vapor systems Sub-course B, "Machine Diagnosis Techniques for Energy Conservation" Participants will acquire the following knowledge and techniques regarding machine diagnosis techniques for energy conservation. (1) Outline of energy management and audit technology for energy conservation (2) Energy conservation diagnosis (pumps, rotating machine, fans and blowers) (3) Machine condition diagnosis techniques (lubricants, thermograph) (4) Operation and maintenance for energy conservation	Sub-course A, "Audit Technology for Energy Conservation" <b>【Target Group】</b> Energy auditor or energy manager  Sub-course B, "Machine Diagnosis Techniques for Energy Conservation" <b>【Target Group】</b> Operation and maintenance engineer in a plant	
CONTENTS	PROGRAM PERIOD	Jan.12.2009～Apr.11.2009
<b>【Lecture, Exercise, Hands-on training in plant, Case study】</b> Sub-course A, "Audit Technology for Energy Conservation" (1) Outline of energy management and audit technology for energy conservation (2) Combustion train (mainly boiler, fired heaters) (3) Rotating machines (mainly blower, pump) (4) Electric power systems, vapor systems  Sub-course B, "Machine Diagnosis Techniques for Energy Conservation" (1) Outline of energy management and audit technology for energy conservation (2) Energy conservation diagnosis (pumps, rotating machine, fans and blowers) (3) Machine condition diagnosis techniques (lubricants, thermograph) (4) Operation and maintenance for energy conservation	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007～2009
	REMARKS	This course has two sub-courses "Audit Technology for Energy Conservation", "Machine Diagnosis Techniques for Energy Conservation". (Each sub-course : 8 participants) Expected number of participants per country: 1-2

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective]</p> <p>– The objective of this course is to master appropriate technologies and skills in the biomass field and to suggest methods of applying the scientific knowledge acquired for the effective usage of biomass.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1) To master methods to carry out research activities by themselves</li> <li>2) To deepen knowledge on the use of biomass</li> <li>3) To build a broad network with other researchers</li> <li>4) To make a presentation at academic conferences</li> <li>5) To make a final report as a result of the research activities in Japan</li> <li>6) To make a suggestion paper on the efficient use of biomass in their countries</li> </ol>	<p>[Target Organizations]</p> <p>– Public research institutes, universities</p> <p>[Target Group]</p> <ol style="list-style-type: none"> <li>1) Researchers in the field of biomass in the above-mentioned organizations</li> <li>2) Individuals with a master's degree or equivalent qualification</li> <li>3) Individuals with at least 3 years of research experience</li> </ol>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.7.2008~Aug.29.2009
<p>Preparatory phase:</p> <p>– Participants are requested to make their own research proposals according to the topic of the research subject determined before their coming to Japan. During this process it is essential to contact the host researchers and engage in consultations.</p> <p>Program in Japan:</p> <p>– Lectures on the effective use of biomass (2 weeks): Technology of biomass recovery system, bio-refinery technology, Biomass energy technology (gasifying/BDF production, etc.), sugar platform technology</p> <p>– Individual research (about 10 months): According to the subject determined before coming to Japan, participants will be assigned as a member of the laboratory of the host researcher, conduct research under the supervision of the host researcher, and write up the results in a final report.</p> <p>By the end of the program, the participants will make a draft of the suggestion paper concerning the effective usage of biomass from a scientific viewpoint.</p> <p>– Subjects to be offered in relation with the following fields: Biodegradable plastics, biomass energy, ethanol production technology, application of biodiesel fuel to automobiles, life cycle assessment of biomass usage, etc.</p> <p>Development phase:</p> <p>– The draft of the suggestion paper will be shared with the respective organizations of the participants, based on which feasible activities will be determined. At both 6 months and 12 months after the end of the program in Japan, the participants will make a progress report of their activities and submit it to Japan.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>National Institute of Advanced Industrial Science</p> <p><b>JICA CENTER</b></p> <p>JICA Tsukuba</p> <p><b>COOPERATION PERIOD</b></p> <p>2006~2010</p> <p><b>REMARKS</b></p>	<p>– The course includes intensive Japanese language lessons (25 hours).</p> <p>– Related website: National Institute of Advanced Industrial Science and Technology <a href="http://www.aist.go.jp/index_en.html">http://www.aist.go.jp/index_en.html</a></p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt;                      Knowledge and skills for management, operations, maintenance and environmental conservation which are the outputs of this program will be shared and promoted among his/her organizations.</p> <p>&lt;Outputs&gt;                      (1) Participants will make a job report and issue analysis sheet of their organizations by the end of preparatory phase.                      (2) Participants will be able to analyze and assess similarities and/or differences between electric power industry in Japan and in their country.                      (3) Participants will be able to analyze knowledge and information on effective techniques of operation and control, effective maintenance and troubleshooting, advanced technologies for environmental conservation by thermal power plants which are gained in Japan, according to the prepared issue analysis.                      (4) Participants will make an action plan on dissemination activities of skills and knowledge gained from the training program in Japan.                      (5) The dissemination plans made by the participants will be shared in their organizations.                      (6) The dissemination plans will be discussed and promoted in their organizations.</p>	<p>[Target Organizations]                      Gas turbine or coal-fired steam turbine power plants</p> <p>[Target Group]                      (1) Engineers principally specialized in mechanical areas                      (2) Those who are taking leading roles in the operational management/ maintenance section                      (3) Those with over three years' experience in (1) and (2) above.                      (4) Those sharing outputs from this program inside their power plants after the program in Japan.                      (5) Those involved in recipient power plants of ongoing or prospective JBIC's ODA loan project(s) and/or in power plants related to JICA's technical project(s) are appreciated.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.13.2008~Jul.6.2008</p>
<p>&lt;Preparatory Program&gt;                      Drawing up a Job Report, a Country Report and Issue Analysis Sheet</p> <p>&lt;Program in Japan&gt;                      (1) Program Orientation                      (2) Presentation of Country Reports                      (3) Outline of the Electric Power Industry in Japan                      (4) Acquisition of operation and management techniques for thermal power plants                      (5) Acquisition of maintenance techniques for thermal power plants                      (6) Acquisition of manufacturing techniques for thermal power plants                      (7) Acquisition of environmental conservation technologies for thermal power plants                      (8) Preparation and Presentation of Dissemination Plans</p> <p>&lt;Post-Program activities&gt;                      Participants are to implement the dissemination activities, based on the final Report which was made during the program. Also, participants must submit a progress report to JICA within 3 months.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p>	<p>JAPAN ELECTRIC POWER INFORMATION CENTER, INC</p> <p>JICA Chugoku</p>
	<p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>2007~2009</p> <p>Details of the Program are under consideration and part of the contents is subject to change. Upon submitting the application, participants must choose whether they would like to take the course for gas turbine or coal fired generation.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> After this training end, participants grasp issues of their home country and be able to work for the solution as well as acquire comprehensive knowledge for efficient development of distribution systems.</p> <p><b>【Outputs】</b> (1) Being able to find by themselves the difference about the electric power industry and facilities formation between participant's country and Japan. - Being able to make a presentation of the difference after their understanding it's backgrounds and etc. (2) Acquiring the techniques for appropriate operation and maintenance, for blackout accident prevention and for early blackout recovery, which lead to reduction of distribution loss and improvement of supply reliability. (3) Acquiring the techniques for planning and designing in order to develop efficient and reliable distribution grid. (4) Being able to formulate behavior guideline after returning home based on acquired knowledge and etc.</p>	<p><b>【Target Organizations】</b> Competent government agencies for electric power sector and electric power companies</p> <p><b>【Target Group】</b> - Persons in charge of manager and/or leader position or expected to be in charge of following position. - Electrical engineers belong to power company or public organization in distribution area with five years experience of this area. - University graduates or equivalent. - Age: From 30 years to 40 years old.</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.26.2008～Oct.4.2008</p>
<p>Following contents are provided for each output mentioned above:</p> <p>(1) - Country report presentation and discussion - Lectures about the outline of electric power industry in Japan - Lectures and site visit about the outline of transmission/distribution systems</p> <p>(2) - Lectures and site visit about the operation/maintenance of distribution systems - Site visit to the distribution equipment factories - Lectures and site visit about the outline of quality management in Japan</p> <p>(3) - Lectures and site visit about the planning/designing of distribution systems - Lectures and site visit about the electrification and the correspondence to isolated island</p> <p>(4) - Drawing up an action plant and preparing for the presentation - Action plan presentation and discussion</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Japan Electric Power Information Center, Inc. (JEPIC)</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>Based on the training contents of all outputs, participants will make action plan about enlightenment of technical knowledge and skills during Core Phase in Japan.</p>



Electric system engineering (except distribution) 電力系統技術		GROUP  0880827
Target Countries: Countries which built or are developing electric systems (which include		Natural Resources and Energy—Energy Supply
		8 participants /
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>After this training, participants who are core engineers engaged in electric system section of the participating nation get possible to devise basic strategies solving problems in each workshop or improving system planning and operation effectively.</p> <p><b>【Outputs】</b></p> <p>(1) - Being able to explain the outlines of the electric power industry in their own countries</p> <p>- Understanding the present conditions in their own countries while comparing with the Japanese present conditions and grasping both good points and problems.</p> <p>(2) &lt;Unit target 2&gt;</p> <p>- Acquiring basic knowledge of the constitution, analysis and planning of the electric system and effective technologies of analysis and planning with lectures including computer demonstration observe.</p> <p>(3) &lt;Unit target 3&gt;</p> <p>- Acquiring basic knowledge for construction, operation and maintenance of transmission line and substation, and new techniques for cost reduction and promotion of efficiency. And deepening understanding by observing examples of facilities applying the new techniques.</p> <p>(4) &lt;Unit target 4&gt;</p> <p>- Acquiring basic knowledge for construction, operation and maintenance of electric system, deepening understanding by visiting facilities and learning practical techniques in simulation training.</p> <p>(5) &lt;Unit target 5&gt;</p> <p>- Being able to devise an action plan (basic strategies to solve problems in each workshop etc.) based on techniques which they learned.</p>	<p><b>【Target Organizations】</b> Ministries and government offices or electric power companies which are in charge of electric system field.</p> <p><b>【Target Group】</b></p> <p>(1) Officers who belong to target organizations and are expected to play a leading role in the field</p> <p>(2) University graduates or equivalent</p> <p>(3) Age: 27-40 years old</p> <p>(4) Individuals with a good command of English</p> <p>(5) Individuals engaging in electric system engineering with at least 5 years of work experience and not more than 20 years experience</p> <p>(6) Individuals in good health, both physically and mentally, to undergo the course of rigorous training</p> <p>(7) Must not be serving any form of military service</p>	
CONTENTS	PROGRAM PERIOD	Aug.24.2008~Oct.1.2008
<p>(1) &lt;Training contents 1&gt; (Before training) Drawing up a country report (In Japan) Country report presentation and discussion Lectures and discussion of outline of the electric power industry in Japan etc. Lectures and practical training of quality control</p> <p>(2) &lt;Training contents 2&gt; (In Japan) Lectures of outline of electric system and electric system planning Technical study requirement for electric system planning and power system Analysis</p> <p>(3) &lt;Training contents 3&gt; (In Japan) Lectures of construction, maintenance, Operation and new technique of Transmission Line and Substation Visiting a factory of power transmission facilities and substations applying new technique</p> <p>(4) &lt;Training contents 4&gt; (In Japan) Lectures of electric system protection scheme Practical training of simulator for protective Relay etc. Visiting central load dispatching center etc.</p> <p>(5) &lt;Training contents 5&gt; (In Japan) Drawing up an action plan report and preparation for the presentation Action plan report presentation and discussion</p>	IMPLEMENTING PARTNER	Japan Electric Power Information Center, Inc. (JEPIC), Tohoku Electric Power Co., Inc. (Tohoku EPCO)
	JICA CENTER	JICA Tohoku
	COOPERATION PERIOD	2008~2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To promote the development, operation, and maintenance of effective and environment-friendly hydro-electric power facilities.</p> <p>Participants are expected to achieve the following results:</p> <ol style="list-style-type: none"> <li>1. To be able to point out problems of the participant's country/office through understanding of the hydropower generation technology in Japan and the comparison.</li> <li>2. To be able to draw up a action plan for the issues of the participant's country/office, clarified through the country reports and training (at the end of the Core Phase)</li> <li>3. To draw up a follow-up report.</li> </ol>	<p>[Target Organizations] Government agencies or electric power utilities which are charged with the development of hydropower generation</p> <p>[Target Group] (1)University/college graduates or equivalent (2)minimum of 5 years of practical experience (3)Civil engineers in charge of the planning, construction and maintenance of the hydro-power sector, and individuals currently in or expected to be, in the near future, posted to a managerial position, (4) Age: 30-50 years of age,</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jun.3.2008~Jul.12.2008
<p>Preparatory phase: Prepare a Country Report describing the present situation of each of the countries/organizations and their problems.</p> <p>Program in Japan: (Lectures)Design standard for power generation facilities, Hydro-electric power facilities in Japan, etc. (Observation)Okinawa Yanbaru Seawater Pumped Storage Power Plant in Okinawa, Okukiyotsu Hydropower plant, etc (Practice)Dam Operation Simulator Training</p> <p>Post-program activities: The actions described in the action plan should be reviewed, authorized and implemented. The results of the actions are reported as the Final Report.</p>	<b>IMPLEMENTING PARTNER</b>	JAPAN ELECTRIC POWER INFORMATION CENTER, INC
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2005~2009
	<b>REMARKS</b>	Target to be civil engineers or electric/mechanical engineers alternately each year, and civil engineers for 2008. Applicant from a non-governmental institution to be confirmed that his/her duty is the same as those of nominees from the governmental institutions.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Recently, most countries have become suffering from the rising cost of crude oil, as the demand for oil has increased with economic development. This program is offered to energy policy makers to enhance their capacities to create the long and medium term comprehensive energy policies in respective countries.</p> <p>At the end of the program, the participants are expected to achieve the following,                      (1) understand energy situation in the world and the importance of energy policy, current energy policy in Japan, energy balance, etc.                      (2) draw up policy proposal to implement energy control and energy policy formulation based on energy demand forecasting and energy balance.</p>	<p><b>【Target Organizations】</b> Ministries and energy agencies</p> <p><b>【Target Group】</b>                      (1) Executive officials or candidates for executive officials in organization for Energy Policy                      (2) Individuals currently engaged in work in the field for more 3 years                      (3) Individuals with sufficient English conversation and reading ability</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jun.29.2008～Jul.12.2008</p>
<p>Participants will be capable of drawing up policy proposals to implement energy policy formulation based on energy demand forecasting and energy balance after learning energy situation in the world, energy policy in Japan, energy balance, etc</p> <p>Preparatory phase: Prepare a Country Report describing the present situation and problem of each country/organization</p> <p>Program in Japan:                      (Lecture) Energy demand forecasting of the world, Energy policy in Japan, Energy statistics system in Japan, etc.                      (Observation) Power plant, Oil factory, Bio-fuel plant, Energy Conservation Center                      (Practice) Project Cycle Management (Participatory Planning)</p> <p>Post-program activities: The actions described in the Policy Proposal should be reviewed, authorized and implemented. The results of the actions are reported as the Final Report.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>IEEJ</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p><b>REMARKS</b></p>	

Target Countries: Countries with organizations dedicated to saving energy

17 participants


English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Energy Efficiency and Conservation Activities in the field of politics and institution building in participating countries will be strengthened.</p> <p>To reach the objective, participants are expected to achieve the following results:</p> <ol style="list-style-type: none"> <li>1. To understand the outline of the energy situation of Japan, an energy conservation policy, and energy-saving technologies, and the point which leads to the energy conservation policy and promotion of system construction of their own country is arranged.</li> <li>2. A policy proposal which leads to the energy conservation policy and the promotion of system construction of their own country is created.</li> <li>3. Draw up a Final Report which includes the result of sharing and discussion within the organization each participant belongs to, after the return.</li> </ol>	<p>[Target Organizations] The organization for Energy Conservation Promotion</p> <p>[Target Group] (1) Officials working in the organization for Energy Conservation Promotion, (2) Individuals currently engaged in work in the energy conservation field for more than 3 years, (3) University/college graduates or equivalent, (4) Individuals under 45years old, (5) Individuals with sufficient English conversation and English reading ability.</p>	
CONTENTS	PROGRAM PERIOD	Jun.8.2008~Jul.26.2008
<p>Preparatory phase: Prepare a Country Report describing the present situation of each country/organization and their problems</p> <p>Program in Japan Formulate a Policy Proposal describing issues in their own organizations/department, and tentative analysis for solving the issues identified Lectures: Energy Policy and Energy Conservation Policy in Japan, Promotion Measures and Activities, Energy Conservation Technology, Energy Audit, Outline of ESCO Projects in Japan, etc.</p> <p>Observation: Excellent Cases of Energy Conservation and Energy Management (Buildings, Factories, Power Plants, etc.)</p> <p>Practice: Measurement of Energy Consumption and analysis (Furnace, Fun, Steam traps, etc.)</p> <p>Post-program activities: The actions described in the Policy Proposal should be reviewed, authorized and implemented, and are reported as the Final Report.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p>	<p>THE ENERGY CONSERVATION CENTER JAPAN</p> <p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p> <p><b>REMARKS</b></p>	<p>2006~2010</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Drafting of an Action Plan for introduction of nuclear power generation</p> <p>At the end of the program, the participants are expected to achieve the following,</p> <ol style="list-style-type: none"> <li>1. To understand the importance of nuclear power generation in energy supply and power industry.</li> <li>2. To recognize safety aspects (the importance of public acceptance, safety consideration) on atomic energy introduction, environmental and social considerations, and issues on nuke puke processing.</li> <li>3. To share awareness of the issues on atomic energy, among participating nations.</li> <li>4. To formulate an Action Plan.</li> <li>5. To share an Action Plan among organizations, and formulate a Final Report.</li> </ol>	<p>[Target Organizations] Government agencies/electricity authorities which command nuclear power generation</p> <p>[Target Group] (1)Those who are engaged in planning of a nuclear power generation policy. (Management, such as a section chief of the central ministries, or the administrator of an electric power company) (2)Those who have 5 years or more of experience at the staff of an electric power policy or an electric power development project. (3)University graduate or equivalent.</p>	
CONTENTS	PROGRAM PERIOD	Jan.18.2009~Feb.7.2009
<p>Preparatory phase: To prepare a Country Report describing the present situation of respective country/organization, its problems and the plan for nuclear power generation.</p> <p>Program in Japan: To formulate an action plan on the introduction of nuclear power generation in respective countries. (Lectures) Outline of Japanese nuclear power generation, international framework for nuclear non-proliferation, security, environmental impact assessment, authorization processes, etc. (Observation) Nuclear Power Plants in Japan, etc. (Practice) BWR/PWR Operation Simulators</p> <p>Post-program activities: The actions described in the action plan should be reviewed, authorized and implemented. The results of the actions are reported as the Final Report.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>METI, JEPIC, JAPC</p> <p><b>JICA CENTER</b></p> <p>JICA Tokyo</p> <p><b>COOPERATION PERIOD</b></p> <p>2007~2009</p>	<p><b>REMARKS</b></p> <ol style="list-style-type: none"> <li>1. Fix countries through a cooperation term(2007-2009).</li> <li>2. Repeated participation of the same person acceptable.</li> </ol>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will exchange information on challenges and efforts by electric power sectors, and share awareness of the issues with Japanese authorities concerned in electric power sector. Participants and Japanese authorities will develop an international network throughout the Forum.</p> <p>At the end of the program, the participants are expected to achieve the following,</p> <p>(1)exchange information on challenges and efforts by power sectors in participating countries, and share awareness of the issue,</p> <p>(2)understand Japanese challenges and efforts for responding increasing power demand during high economic growth period,</p> <p>(3)learn about the analysis of present power sectors in Asian region and the Japanese government assistance policy directions, and</p> <p>(4)develop a network among participants and Japanese counterparts through an open seminar.</p>	<p><b>【Target Organizations】</b> Ministries and agencies of Electricity</p> <p><b>【Target Group】</b> (1)Executive officials at bureau's director generals level who are responsible for power sector in the Ministry of Power or Ministry of Energy (2)Individuals with sufficient English conversation and reading ability</p>	
CONTENTS	PROGRAM PERIOD	Under planning
<p>Preparatory phase: Prepare a Country Report describing present situation of each countries/ organizations and their problems in power sector.</p> <p>Program in Japan: (1)Lectures (2)Country Report presentation (3)Open seminar (4)Observations</p>	IMPLEMENTING PARTNER	Japan Electric Power Information Center Inc.
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007～2009
	REMARKS	


# 10. Economic Policy

<b>Group Training Course on Competition Policy and Law</b> <b>競争法・政策研修</b>		GROUP 	0880896
		Economic Policy—Transition to Market Economy	
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Through the program, participants are expected to: 1. Gain an understanding of Japan's competition policy and law so as to bring about a strengthening of competition law, promotion of draft work, and enhanced technical capacities for the investigation of violations in their countries, 2. Bring out an overall administrative strengthening of the participant's agency via transfer of knowledge gained through this training to participants 3. Reaffirm the importance of competition policy and acquire knowledge for the purpose of competition advocacy in the participant's country. 4. Realize issues concerning competition policy and law in the participant's country by deepening insight into the competition laws and policies of Japan and other countries.	1. Government officials in charge of operations at competition authorities in countries, 2. Government officials in charge of drafting comprehensive competition acts, or competition advocacy in countries without comprehensive competition acts 3. Other government officials involved in competition policy		
CONTENTS	PROGRAM PERIOD	Aug.19.2008~Sep.20.2008	
Outline of the Antimonopoly Act  Lectures • Competition and industrial policy in Japan • Consumer administration in Japan • Cartels and bid-riggings • Private monopolization • Merger regulation • Organization and Powers of the Japan Fair Trade Commission • Investigation methods against violations of the Antimonopoly Act  Discussion with legal department staff of private enterprises Country Report Presentation Final report presentation by the participants and discussion	IMPLEMENTING PARTNER	FAIR TRADE COMMISSION	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2004~2009	
	REMARKS		

<b>Economic Policy Design and Management in Asia</b> <b>アジア地域経済政策運営(長期)</b>		L/T 	0881121
		Economic Policy—Economic Policy	
Target Countries: Asian countries		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> The economic policy design and management ability of officials at the central government and central banks will be raised. <b>【Outputs】</b> (1) Learning basic economic theories (2) Learning practical methods necessary for economic policy design and management (3) Writing a Master's thesis largely based on case studies of one's own countries, which may contribute to economic policy recommendations	<b>【Target Organizations】</b> Key economic ministries of the central government which are involved in economic policymaking, central banks, and government-sponsored financial institutions <b>【Target Group】</b> -Administrative officers who are in charge of economic policymaking, and Administrative staffs of central banks or government-sponsored financial institutions. -Individuals who have at least two years of experiences in above mentioned position. -Individuals under 35 years old		
CONTENTS	PROGRAM PERIOD	Aug.15.2008~Aug.1.2010	
(1) Microeconomics for public policy, macroeconomic: theory and policy, fundamentals of econometric methods, economics of public sector, and mathematics necessary for learning economics(short intensive course) (2) Tax policy, public sector policy, monetary and financial policy, monetary and fiscal policy in Japan, intensive courses (e.g. policy analysis, financial reform and economic growth, financial programming, Budget Management). (3) Seminar works and English thesis writing	IMPLEMENTING PARTNER	Asian Public Policy Program, School of International and Public Policy, Hitotsubashi University	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS		



<b>International Development</b> <b>国際開発学(長期)</b>		L/T  0881135
Target Countries : all countries		Economic Policy—Economic Policy 6 participants / English
<b>OBJECTIVE</b> <b>【Objectives】</b> To strengthen the capability of government officials in formulating and managing development plans and public policies in central and local governments <b>【Outputs】</b> (1) Acquire basic economic concepts and theories (2) Acquire analytical and computing skills that are applicable to the formulation and management of development plans and public policies (3) Participant writes a Master's thesis on a development policy issue in his/her country using analytical skills and economic concepts and theories acquired in the entire two-year program	<b>TARGET ORGANIZATION / GROUP</b> <b>【Target Organizations】</b> Central and local government agencies in charge of the formulation and management of development plans and public policies <b>【Target Group】</b>	
<b>CONTENTS</b> (1) • microeconomics • macroeconomics • development economics • mathematics for economists • public economics • agricultural economics • environmental economics • international trade • international finance • industrial organization • health economics • inequality and poverty (2) • statistics • econometrics • research methodology • computable general equilibrium modelling • cost benefit analysis • development planning • development finance • macroeconomic analysis of developing economies • project cycle management • quantitative methods for decision making • quantitative analysis of economic policies (3) writing a Master's thesis	<b>PROGRAM PERIOD</b> Aug.17.2008~Jun.30.2010	<b>IMPLEMENTING PARTNER</b> IDP, Graduate School of International Relations, International University of Japan
	<b>JICA CENTER</b> JICA Tokyo	<b>COOPERATION PERIOD</b> 2008~2010
	<b>REMARKS</b>	

<b>Customs policy and administration in Central Asia and Caucasia</b> <b>中央アジア・コーカサス地域 関税政策・税関行政</b>		R/F  0884070
Target Countries : 調整中		Economic Policy—Transition to Market Economy 10 participants / Russian
<b>OBJECTIVE</b> <b>【Objectives】</b> Participants will obtain the capacity to identify problems and come up with an action plan related to Customs Policy and Administration of their own countries. <b>【Outputs】</b> Participants will be able to; 1) understand the customs policy and administration system of Japan and compare the Japanese policy and system with their own, 2) gain practical knowledge on Customs administration (computerization, classification, valuation, analysis and such) and utilize the gained knowledge, 3) and identify problems of their own Customs Administration system and propose counter-measures through discussions with fellow participants and Japanese counterparts.	<b>TARGET ORGANIZATION / GROUP</b> <b>【Target Organizations】</b> Governmental Organization engaged in Customs Policy and Administration <b>【Target Group】</b> Administrative Officers (Manager Class) engaged in Customs Policy and Administration	
<b>CONTENTS</b> /Introduction to Japanese Customs Administration /Practical Knowledge on Customs Administration (Export/Import Clearance, Customs Valuation, Tariff Classification and Tariff Rate, Risk Management, Collection and Analysis of Information, Enforcement etc) /Observation of International Airport (Customs Clearance, International Post, etc) /Country Report Presentation /Action Plan Presentation	<b>PROGRAM PERIOD</b> Mar.2,2009~Mar.13,2009	<b>IMPLEMENTING PARTNER</b> Customs and Tariff Bureau, Ministry of Finance
	<b>JICA CENTER</b> JICA Osaka	<b>COOPERATION PERIOD</b> 2008~2010
	<b>REMARKS</b>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>A common view of rules of international taxation and their application can be established through cultivation of tax officials engaged in international taxation in participating countries and more appropriate international taxation will be practiced by respective tax authorities.</p> <p>Through this program, participants are expected to:</p> <ol style="list-style-type: none"> <li>1. understand rules and systems of international taxation,</li> <li>2. clarify the problems and issues for appropriate international taxation and work out their solutions.</li> </ol>	<p><b>【Target Organizations】</b> National tax authorities for administration of income tax or value added tax</p> <p><b>【Target Group】</b> 1. Tax officials in charge of international taxation in the target organization, in principle. 2. Age: under 40 years old, in principle. 3. Language: individuals proficient in English to actively discuss and write a thesis/report on the course subject. (TOEFL scores of 550 or higher are desirable)</p>	
CONTENTS	PROGRAM PERIOD	Jun.1.2008～Jun.21.2008
<ol style="list-style-type: none"> <li>1. Lecture: Tax Treaty, Transfer Pricing (including Advance Pricing Arrangement), International Tax Avoidance, etc.</li> <li>2. Presentation and Discussion: International taxation system and administration in participating countries</li> <li>3. Observation: Regional Taxation Bureau, etc.</li> </ol>	IMPLEMENTING PARTNER	National Tax Agency National Tax College
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007～2009
	REMARKS	Target Countries of this course: China, Indonesia, the Philippines, Malaysia, Thailand, Vietnam

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The problems to be solved for sustainable growth shall be clarified and identified to establish an economic development strategy.</p> <p>Participants are expected to:</p> <ol style="list-style-type: none"> <li>1. Deepen their understanding of Japan's economic development policies and current situation,</li> <li>2. Deepen their understanding of development strategy under the global economic integration,</li> <li>3. Establish efficient utilization of limited capital resources,</li> <li>4. Deepen their understanding of the role of international financial structure and international financial organizations,</li> <li>5. Deepen their understanding of economic assistance and foreign direct investment</li> </ol>	<p>Central government officials who are in charge of economic development policy planning / implementation.</p>	
CONTENTS	PROGRAM PERIOD	Jun.29.2008~Aug.2.2008
<p>The following major subjects will be covered in the seminar:</p> <ol style="list-style-type: none"> <li>1. Position paper presentation and discussion together with area study,</li> <li>2. Lecture-cum-discussion                             <ol style="list-style-type: none"> <li>(a) Japanese and global economic development and current situations,</li> <li>(b) Global integration and development strategies,</li> <li>(c) The utilization of financial resources and establishment of a financial system,</li> </ol> </li> <li>3. Field trip and study visits</li> <li>4. Workshop on economic development issues, together with Japanese and non Japanese specialists,</li> <li>5. Policy proposal making for respective countries consulted by tutors.</li> </ol>	IMPLEMENTING PARTNER	Economic and Social Research Institute, CAO
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Aug.24.2008 to Sep.27.2008 in the same content.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Purpose】</b> The policy recommendations made as a result of the seminar will be shared among the relevant organizations, and development of the sound financial system in the participating countries will be deliberated.</p> <p><b>【Outputs】</b> Participants will be able to: (1) understand appropriate financial administration for stabilization of the financial system, (2) identify issues regarding financial system stabilization of their countries with reference to financial reform in Japan since 2002 and continued efforts in Asian countries after the Asian Financial Crisis, (3) draw up the policy recommendations on strengthening of financial system with respect to the high-priority issues identified during the seminar. (Banking regulation and supervision, financial sector restructuring and deposit insurance system, etc.)</p>	<p><b>【Target Organizations】</b> Ministry of Finance, Financial Service Agency, Central Bank and Deposit Insurance Corporation</p> <p><b>【Target Group】</b> 1. Present position, assignment: be managerial level staff engaged in financial administration, supervision and regulation, financial safety net and financial market development at Ministry of Finance, Central Bank and Deposit Insurance Corporation,  2. Occupational Background: have a minimum of eight (8) years of experience in the fields mentioned above,</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan.28.2009~Feb.14.2009</p>
<p>Module 1: Financial System and Financial Administration in Japan 1) Historical review of the Japanese financial system and financial policies 2) Review of the financial system and challenges in ASEAN countries 3) The role of the government in financial administration and supervision 4) The role of the Bank of Japan in financial stability 5) The role of the Deposit Insurance Corporation of Japan 6) The role of the Resolution and Collection Corporation</p> <p>Module 2: Financial Supervisory Administration and Supervisory Function 1) Revisiting the Asia Financial Crisis - What remains untouched 2) Lessons of the Japanese Financial Bubble - Limitation of prudential regulation 3) Recent policy measures and associated challenges for the stabilization of the financial sector in Japan 4) Financial safety net and moral hazards 5) Practices of bank restructuring 6) Policy measures and associated challenges for the stabilization of the financial sector in ASEAN countries</p> <p>Module 3: Main Issues of Financial Administration in Participating Countries 1) Discussion session concerning the applicability of the Japanese experience 2) The Country Report presentation and discussion 3) The Policy Recommendation presentation and discussion</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p> <p><b>COOPERATION PERIOD</b></p>	<p>Financial Services Agency, Bank of Japan, Asian Development Bank, Deposit Insurance Corporation, etc.</p> <p>JICA Tokyo</p> <p>2004~2008</p> <p><b>REMARKS</b></p> <p>Note: The seminar is under planning, and the contents may be subject to minor changes.</p>

Target Countries: Central Asia and Caucasus Region


9 participants / Russian


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>(Outcome)                      Policy Proposal for their country's public fiscal policy is formulated.</p> <p>(Outputs)                      To reach the above Outcome, participants are required:                      1. To understand the Japanese fiscal administration, outline of financial policy and point out problems in comparison with their own country.                      2. To understand the importance of a financial policy on promoting market economization and economic development and be able to extract a policy that can be implemented in their countries.</p>	<p>(Target Organizations)                      Government agencies charged with fiscal policy.                      (Ministry of Finance)</p> <p>(Target Group)                      1. Individuals engaged in fiscal policy making, especially budgetary policy or tax policy.                      2. Individuals with over 5 years practical experience.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jan.14.2009~Jan.27.2009</p>
<p>1. Lecture and discussion                      1) Post-war experience of fiscal policy and economic development in Japan                      2) Overview of current situation of fiscal policy and system in Japan                      3) Challenges on fiscal policies in Central Asia and Caucasus Region                      4) Current situation of Japanese local finance and its challenges                      5) Overview of Japanese taxation system                      6) Role of fiscal policy in economic development with case studies of central and eastern European countries' experience                      7) Policy Finance for agriculture sector                      8) Environmental issues and fiscal policy</p> <p>2. Presentation and discussion                      Country Report Presentation and discussion                      Policy Proposal Presentation and discussion</p>	<p>IMPLEMENTING PARTNER</p>	<p>Ministry of Finance                      Ministry of Internal Affairs, etc.</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
<p>REMARKS</p>	<p>Additional seminar in Vietnam was organized in JFY2006 and 2007.                      Under planning for the additional seminar in JFY 2008.</p>	

Target Countries: Asian countries

7 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Purpose】</b> For Stock Exchanges: Listing supervision, securities market operation and trading administration at stock exchange will be improved.</p> <p>For Regulatory Authorities: Movement toward the preparation of systems related to listing supervision, securities market operation and trading administration will be promoted.</p> <p><b>【Outputs】</b> participants are expected to: (1) understand the framework of securities market development in Japan and the comparison with other countries' cases, (2) understand the role and function of stock exchanges in Japan and clarify the main problems and issues to be solved in each participating country, (3) understand the roles of organizations relevant to stock exchanges in Japan, (4) understand the required conditions for education of investors and to clarify the future effort, (5) prepare an action plan for future policy measures to solve the problems identified throughout the seminar.</p>	<p>1) Staff members of stock exchanges (if a stock exchange has not been established in the country, staff of the competent regulatory authority of securities markets are qualified to join the seminar) 2) occupational experience of more than 3 years.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.6.2008~May.26.2008</p>
<p>1. Lecture 1) The Japanese Economy and Roles of the Securities Market 2) Company Law and Securities Market 3) Financial Instrument Exchange Law and Securities Market Surveillance 4) Listing examination and control 5) Trading System 6) Equity market in Japan 7) Derivative market in Japan 8) Clearing and Settlement System 9) Information Service 10) Education for Individual Investors</p> <p>2. Observation 1) TSE Arrows 2) Osaka Securities Exchange 3) securities firms 4) Investment Trust Association 5) Japan Securities Dealers Association 6) Japan Bond Trading Co., Ltd.</p> <p>3. Presentation Country Report Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Tokyo Stock Exchange, Inc.</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005~2009</p>
	<p><b>REMARKS</b></p>	


Bond Market Development in ASEAN Countries アセアン地域債券市場整備		R/F  0884242
Target Countries: ASEAN		Economic Policy—Financial System 12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Purpose】</b> Policy Proposal for ASEAN bond market development is formulated.</p> <p><b>【Outputs】</b> The expected outputs of the course are:</p> <p>Output 1: To understand why the bond market matters and how it relates to the financial market development as a whole.</p> <p>Output 2: To review the achievements and progress in the Asian bond market development under Asia Bond Market Initiatives (ABMI) and Executives' Meeting of East Asia-Pacific Central Banks (EMEAP) and other initiatives.</p> <p>Output 3: To consider possible tools for further bond market development in each country, based on the lessons learnt from the experience of other countries.</p> <p>Output 4: To consider possible policy measures to foster investors and market players, based on the lessons learnt from the experience of other countries.</p> <p>Output 5: To summarize the remaining challenges in bond market development in each country, and produce policy proposals for bond market development in each country.</p>	<p><b>【Target Organizations】</b> Central banks, Ministry of Finance and Financial Service Agency</p> <p><b>【Target Group】</b> - Officials of the Ministry of Finance, Central Banks or Financial Service Agency who are in charge of policy making on bond market development - At least 5 years experience in relevant fields - Sufficient command of English to attend the course and produce policy proposals</p>	
CONTENTS	PROGRAM PERIOD	Nov.24.2008~Dec.13.2008
<p>Output 1: 1) An overview of the recent development of bond markets in ASEAN countries 2) Advantages and disadvantages of the bond market for both investors and issuers 3) Advantages and disadvantages of the bond market vis-à-vis the equities market 4) The Japanese financial system and capital market development 5) Preconditions for bond market development in ASEAN countries</p> <p>Output 2: 1) Review of focal points and achievements by ABMI 2) Review of focal points and achievements by EMEAP 3) Review of other initiatives</p> <p>Output 3: 1) Role of securitized debt instruments (with the case of Thailand) 2) Role of municipal bonds issuance (with the case of Vietnam) 3) Role of corporate bonds issuance by foreign companies 4) Role of bond markets with government guarantee 5) Principles of sequencing of reforms and necessary policy measures</p> <p>Output 4: 1) Overview of recent situation of investors base and clarification of potential investors 2) Bottlenecks in fostering market players 3) Policy measures to foster institutional investors 4) Functions of trading facilities, depositories and clearing houses, and other necessary market infrastructure</p> <p>Output 5: 1) Summarize the challenges to be overcome in future based on priority 2) Draw up a policy proposal and make a presentation</p>	<b>IMPLEMENTING PARTNER</b>	Asian Development Bank Financial Service Agency, etc.
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2007~2009
	<b>REMARKS</b>	<ul style="list-style-type: none"> <li>•Expected number of participants per country : 2</li> <li>•This course is co-hosted with Asian Development Bank.</li> </ul>


<b>Necessary Policy Measures and Reform Strategies for Financial System Stability in NIS Countries</b> <b>NIS地域金融システム安定化政策と改革戦略</b>		R/F 	0884243
Target Countries: Central Asia and Caucasus countries, Moldova and Ukraine.		13 participants /	Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Purpose】</b> Policy proposal for stable financial system in each country will be formulated.	<b>【Target Organizations】</b> Central banks, Ministry of Finance		
<b>【Outputs】</b> Participants are expected; 1. To understand the current problems of the financial system in each country 2. To understand the necessary policy measures for resolving non-performing loans by reviewing Japanese and other countries' experiences 3. To clarify major issues in the banking sector reform for each country in line with market principles 4. To clarify the necessary policy measures to recover public confidence in the banking sector and promote saving 5. To produce policy proposals for financial system stability in each country.	<b>【Target Group】</b> - Officials of the Ministry of Finance or central banks in charge of financial supervision and financial safety net - At least 5 years experience in relevant fields - Sufficient command of English to attend the course and produce policy proposals		
CONTENTS	PROGRAM PERIOD	Mar.29,2009~Apr.18,2009	
1. - Position paper presentation - Key issues in banking sector development in transitional countries - The Japanese financial system and financial policies - post-war and recent reform - 2. - Financial supervisory policies in Japan - Financial safety-net policies in Japan - Methods and practice of non-performing loan resolution (case of Japan) - Lender of last resort (case of the Bank of Japan) 3. - Privatization of governmental financial institutions - Financial supervisory policies for foreign banks - Current reform of government-affiliated financial institutions in Japan 4. - Financial deepening and financial policies 5. - Policy proposals presentation and discussion	IMPLEMENTING PARTNER	Financial Service Agency Bank of Japan Deposit Insurance Coporation, etc.	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS		





# 11. Private Sector Development


<b>Research on Standards, Measurements, Evaluation and Geosciences for Industry</b> <b>産業・社会知的基盤技術</b>		GROUP 	0880045
Private Sector Development—Industrial Development Institution			
		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
[Objective] – The objective of this program is to master appropriate technologies and skills, and to develop leading researchers in the field of standards, measurements, evaluation and Geosciences for industry.  To reach the objective, participants are expected to achieve the following: 1) To master methods to carry out research activities by themselves 2) To deepen knowledge on standards, measurements, evaluation and Geosciences for industry 3) To build a broad network with other researchers 4) To make a presentation at an academic conference 5) To make a final report as a result of the research activities in Japan 6) To make a draft paper on how the research subject will be evolved in their respective organizations and will contribute for solving the issue in the said field in their countries.	[Target Organizations] – Public research institutes, universities  [Target Group] 1) Researchers in the field of standards, measurements, evaluation and Geosciences for industry in the above-mentioned organizations 2) Individuals with a Master's degree or equivalent qualification 3) Individuals with at least 3 years of research experience		
CONTENTS	PROGRAM PERIOD	Jan.13.2009～Jun.27.2009	
Preparatory phase: – Participants are requested to make their own research proposals according to the topic of the research subject determined before their coming to Japan. In this process it is essential to contact the host researchers and to have consultations. Program in Japan: – Introductory lectures in AIST (1 week) 1) Introductory lectures 2) Observation tour of the research institutes in Tsukuba Science city – Individual research (about 5 months): – Subjects to be offered in relation with the following fields: Development phase: – The draft paper will be shared with the respective organizations of the participants. At 6 months after the end of the program in Japan, the participants will report on the progress of their activities in their organizations to Japan.	IMPLEMENTING PARTNER	National Institute of Advanced Industrial Science	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS	– The program includes intensive Japanese language lessons (25 hours). – Related website: National Institute of Advanced Industrial Science and Technology <a href="http://www.aist.go.jp/index_en.htm">http://www.aist.go.jp/index_en.htm</a> 1	

<b>Operation of Understanding on Rules and Procedures Governing the DSU, WTO Agreement</b> <b>WTO協定・紛争解決了解の運用</b>		GROUP 	0880196
Private Sector Development—Trade and Investment			
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Practicing the DSU requires advanced knowledge, and developing nations are still in the process of fully administering the rules. Therefore, this program is designed for government officials from developing nations to : 1. Understand the procedure of the WTO dispute Settlement Understanding, 2. Deepen and widen the understanding of well-known Panel Cases, and 3. Exercise themselves in order to brush up their ability in dealing with the Dispute Settlement.	(1) Governmental officials engaged in work to the WTO DSU, and with more than 5 years of occupational experience, (2) University graduates, having studied Economic Law, (3) Over thirty (30) but under forty-five (45) years of age, etc.		
CONTENTS	PROGRAM PERIOD	Jan.25.2009～Feb.7.2009	
The following subjects will be covered in this program in the form of lectures, discussion and presentation. 1. Overviewing Session on the WTO Agreements 2. Outline of the Dispute settlement Procedure 3. Enhancing the Understanding of the Panel Case – Analysis of the well-known Dispute Settlement Case- 4. Drafting the Submission on a Fictional Dispute Case 5. Summary and Closing Remarks	IMPLEMENTING PARTNER	Fair Trade Center	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2006～2010	
	REMARKS		

<b>Tourism Development for Regional Sustainability</b> <b>持続可能な地域観光振興</b>		GROUP 	0880225
		Private Sector Development—Trade and Investment	
		12 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program aims to teach the knowledge and effective skills required for sustainable tourism development from multiple viewpoints, including environmental, economic, socio-cultural and political perspectives.</p> <p>The participants are expected:</p> <p>(1) To learn basic ideas, conceptual frameworks, and techniques for developing sustainable tourism</p> <p>(2) To acquire skills to identify and analyze problems concerning sustainable tourism development from multiple viewpoints, including environmental, economic, socio-cultural, and political perspectives</p> <p>(3) To present tentative proposals on sustainable tourism development by conducting a field study on Japanese cases</p> <p>(4) To propose action plans for realizing sustainable tourism in participants' countries</p>	<p>[Target Organizations] Ministries, local governments, and NGOs in charge of tourism</p> <p>[Target Group] (1) Officers engaged in the planning and development of sustainable tourism, either in central or regional government, or members of NGOs engaged in sustainable tourism development (2) Individuals with about 3 years of work experience</p>		
CONTENTS	PROGRAM PERIOD	Aug.19.2008~Oct.26.2008	
<p>(1) Present status and problems in tourism development in participants' countries (job report presentation, issue analysis workshop)</p> <p>(2) Case of tourism administration and sustainable tourism development (lectures/visits)</p> <p>(3) Environmental preservation efforts (lectures/visits)</p> <p>(4) Cases of environmentally-friendly tourism development (lectures/visits)</p> <p>(5) Know-how of field survey (lectures/fieldwork /date analysis)</p> <p>(6) Final report</p> <p>(a) Group report: Prepare a proposal to the field survey site based on the fieldwork results</p> <p>(b) Individual report: Prepare a proposal to the participant's organization and the action plan</p>	IMPLEMENTING PARTNER	Commerce, Industry & Labor Department, Hiroshima University, Hiroshima International Center	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2006~2010	
	REMARKS	This program does not aim to provide knowledge and skills regarding commercial promotion and marketing in mass tourism.	

<b>Intellectual Property for APEC Economies</b> <b>APEC知的財産権</b>		GROUP 	0880736
		Private Sector Development—Industrial Development Institution	
Target Countries: APEC region		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The increase in counterfeit and pirated goods within APEC countries is greatly obstructing economic activity. In order to ensure stable economic growth within the region it is imperative to establish a system for the protection of Intellectual Property, which in turn requires the training of talented human resources to maintain this system.</p> <p>To achieve successful training it is necessary for each trainee to understand the "APEC Anti-Counterfeiting and Piracy Initiative" and the "APEC Model Guidelines for Effective Public Awareness Campaigns" proposals of the Japan-US-Korea-Hong Kong Cooperation, as well as prepare a Project Design Matrix (PDM) in order to develop a distinctive and improved system for each country. Superior ideas suggested during training may also be used in forming future projects in one's home country.</p>	<p>(1) Government offices or related agencies within APEC.</p> <p>(2) Officials involved in the application of Intellectual Property Rights law and promoting public awareness.</p> <p>(3) Persons of (2) above with at least 5 years experience.</p> <p>(4) Persons between the ages of 30 and 50 (inclusive).</p> <p>(5) University degrees or equivalent qualification.</p>		
CONTENTS	PROGRAM PERIOD	Sep.28.2008~Oct.18.2008	
<p>Training will be provided in Intellectual Property Rights law and its application, the activities of government offices and officials of government agencies in promoting public awareness, countermeasures to pirated and counterfeit goods, as well as key points in the diffusion of an Intellectual Property Rights system.</p>	IMPLEMENTING PARTNER	Organization designated by Ministry of Economy, Trade and Industry (Japan Patent Office)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

<b>Foreign Trade Development</b> <b>貿易促進</b>		GROUP  0880849
Private Sector Development—Trade and Investment		
15 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> To make an "Action Plan" to solve the problems and difficulties with the bilateral or multilateral trade policy in participant's country <b>【Outputs】</b> Through the training program, participants are expected: 1. To understand the Japanese history and culture on economic development and trade 2. To understand the role of Japanese private-sectors (from small & medium to large sized companies) 3. To understand Japanese logistical systems (at home and abroad) 4. To understand the measures and policies of public-sectors (trade supporting institutions) 5. To understand actual activities of Japanese private firms for trade promotion and development	<b>【Target Organizations】</b> Organizations in charge of foreign trade administration in government. <b>【Target Group】</b> -Leading government officers presently engaged in administration of foreign trade especially for those who are interested in the trade promotions to Japan. -Those who have equivalent practical experience of not less than three (3) years in the field of foreign trade practice -Be able to disseminate knowledge, experiences and techniques acquired from this training course after returning to their home countries.	
CONTENTS	PROGRAM PERIOD	May.18.2008~Jul.5.2008
Lectures: The history and culture of Japan regarding economic development, the role of the Japanese private-sector, logistical systems in Japan, the measures and policies of the public sector, activities for trade promotion and development of Japanese firms Observation: Trade companies, wholesalers, JETRO, industries, traditional local industries	IMPLEMENTING PARTNER	Kobe University, Kobe International Center for Cooperation and Communication(KIC)
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2004~2008
	REMARKS	Countries with a special interest in trade with Japan are welcome.

<b>The International Welding Engineer</b> <b>国際溶接技術者</b>		GROUP  0880861
Private Sector Development—Industrial Technology		
Target Countries: Sri Lanka, Senegal, Mexico, Argentina, Jordan		
5 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>[Objective]</b> The participants learn fundamental welding technology and practical technology, enabling their proper application, and acquire on-site experience. They are thus able to manage welding processes and foster welding engineers in their home countries. <b>[Expected Results]</b> By the end of the training period, in order to be able to plan and manage welding procedures, and foster welding engineers, participants are expected to have gained theoretical and practical knowledge of: 1. Welding processes and equipment 2. Materials and their behavior during welding 3. Construction and design for welded products 4. Welding fabrication, application engineering 5. Nondestructive tests, etc.	<b>[Target Organizations]</b> Welding engineers associations, vocational training schools for teaching welding technology, associations or organizations utilizing welding technology, and others <b>[Target Group]</b> Welding engineers with more than 3 years of experience and under 40 years old	
CONTENTS	PROGRAM PERIOD	Apr.7.2008~Oct.25.2008
<ul style="list-style-type: none"> <li>- Introduction to welding engineering, welding processes and equipment, welding metallurgy</li> <li>- Welding mechanics and design, welding fabrication, applications engineering</li> <li>- Test and inspection, quality control, safety and hygiene</li> <li>- Observation and practice in companies, research institutes and educational facilities</li> <li>- Short group training in companies</li> </ul>	IMPLEMENTING PARTNER	Japan Welding Engineering Society
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2004~2008
	REMARKS	Participants can obtain the Diploma of IWE in IIW, a qualification scheme for welding personnel, through training upon passing the examination as part of the program. When submitting application forms, candidates are required to submit their graduation certificates, academic transcripts, and English score sheets.

Target Countries: ASEAN countries


11 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Based on the "ASEAN Standards and Conformance Cooperation Program" that was established in 2003, this program is designed to provide skills for international standards development in ISO/IEC and the latest trends of international standardization to officials of government standardization bodies in ASEAN countries, to promote the more positive participation of those countries in ISO/IEC.</p> <p>Key points to master:                      (1) Basic knowledge of standardization in general                      (2) How to advance international standards development, including negotiation skills for international meetings</p>	<p>Deputy directors or higher of governmental agencies involved in standardization, with experience in domestic or international standardization activities.</p>	
CONTENTS	PROGRAM PERIOD	Oct.19.2008~Nov.8.2008
<p>Lecture: Activities of ISO/IEC in Japan, Trends from ISO/IEC executive committee, Description of ISO/IEC Directives, Japanese Industry's Activity on International Standardization, Other recent topics</p>	IMPLEMENTING PARTNER	JAPANESE STANDARDS ASSOCIATION
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2004~2008
	REMARKS	

Target Countries: ASEAN countries

9 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program is intended to introduce the recent trends in conformity assessment and to promote the participation of ASEAN countries in the IECEE/CB Scheme.</p> <p>Participants are expected to;                      1. understand the rules and procedures of IECEE/CB Scheme,                      2. identify the problems and examine countermeasures for national product certification body to become a member of the CB scheme,                      3. share essential information through the discussion among Japanese experts and the participants, and                      4. formulate an improvement plan for the present situation.</p>	<p>Those who have a minimum of 3 years of experience in charge of electric and electronic standards in national standardization bodies, or those who have a minimum of 3 years of experience in conforming assessment and continue working in the field of standards and conformity assessment.</p>	
CONTENTS	PROGRAM PERIOD	Nov.16.2008~Dec.6.2008
<p>Lecture:                      1. Rules and procedures of IEC-operated certifications system (CB Scheme)                      2. International standards required for participating in the CB Scheme as a certification body                      3. Technical aspects of the international standards covered by the CB Scheme and testing techniques in conformance with the international standards                      4. Technical requirements for conformity assessment body</p>	IMPLEMENTING PARTNER	JAPANESE STANDARDS ASSOCIATION
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2004~2008
	REMARKS	


Improvements of Implementation on Security Exports Controls in Asia アジアにおける輸出管理運用技術向上		GROUP 	0880881
Target Countries: East and Southeast Asia		Private Sector Development—Trade and Investment	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This course is aimed at encouraging government officials related to their trade controls to deepen their understandings on the security export control. Thus, it introduces them to legal systems on the Security export controls ,licensing, controlled items under this legal system. Details are as follows:</p> <p>(1) To deepen their understanding on the security export controls  (2) To deepen their understanding on licensing system under the security export controls  (3) To deepen their understanding on controlled items under the security export controls  (4) To deepen their understanding on the security export controls of private sectors</p>	<p>Individuals nominated by the government in accordance with the procedures mentioned below  (1)Present position, assignment occupational background: Government officials charged with trade control, playing a leading role, and/or being engaged in this field with a minimum of one -year experience  (2)Educational Background: University graduates or equivalent  (3) Age: 25-45 years of age, in principle  (4)Language: proficient in spoken and written English  (5)Health: be in good health, both physically and mentally to participate in the core phase in Japan</p>		
CONTENTS	PROGRAM PERIOD	Nov.9.2008~Nov.22.2008	
<p>(1)Presentation: Country Report  (2)Lecture  -Current status of WMD proliferation  -Non-proliferation and overview of International Export Control Regimes Export control system in Japan  -Legal system: Export licensing practice; enforcement; Field trips to Japanese companies  (3) Discussion the future of export control system in the Asian Region</p>	IMPLEMENTING PARTNER	CENTER FOR INFORMATION ON SECURITY TRADE CONTROL	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2004~2008	
	REMARKS		

Technical Support for SME Promotion (Biotechnology/Plastics Technology) I 中小企業振興のための技術支援(バイオ・高分子産業分野) I		GROUP 	0880904
		Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program is designed to improve technical support systems for small- and medium-sized enterprises as well as to learn advanced technology in Biotechnology or Plastic Technology, and thus contribute to economic development in the respective countries.</p> <p>1. To understand the present state of technical support system for SME promotion in Japan, especially Osaka City,  2. To acquire a broad-range of knowledge and techniques in the field of biotechnology / plastics technology for effective SME promotion support, and  3. To make an action plan for SME promotion in their countries by addressing the problems/challenges in the fields of biotechnology and plastics technology.</p>	<p>(Biotechnology)  (1) Individuals with 3 years or more of experience  (2) Individuals with a master's degree or equivalent  (3) Individuals between 25 and 40 years of age, etc.  (Plastics Technology)  (1) Individuals with 3 years or more of experience  (2) Individuals with a bachelor's degree or equivalent  (3) Individuals between 25 and 40 years of age, etc.</p>		
CONTENTS	PROGRAM PERIOD	Apr.29.2008~Aug.2.2008	
<p>1. Technical Support System/Measures by public institutions for SME Promotion  2. Biotechnology or Plastic Technology</p>	IMPLEMENTING PARTNER	OSAKA MUNICIPAL TECHNICAL RESEARCH INST.	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Applicants should choose "Biotechnology" or "Polymer Technology" at the time of application.	

<b>Technical Support for SME Promotion II (Organic Materials/Inorganic Materials &amp; Metals)</b> <b>中小企業振興のための技術支援Ⅱ(有機化学工業/無機化学工業・金属産業分野)</b>		GROUP	0880905
Target Countries: Viet Nam, Argentina, Thailand, India, Myanmar, Sri Lanka, Ghana, China, Mexico		9 participants	English
<b>OBJECTIVE</b> This program is designed to improve technical support systems for small- and medium-sized enterprises as well as to learn advanced technology in Organic Materials or Inorganic Materials & Metals, and thus contribute to economic development in the respective countries. 1. Understand the present state of technical support system for SME promotion in Japan, especially Osaka City, 2. Acquire a broad-range of knowledge and techniques in the field of Organic Materials/Inorganic Materials & Metals for effective SME promotion support, and 3. Make an action plan for SME promotion in their countries by addressing the problems and challenges in the fields of Organic Materials / Inorganic Materials & Metals.		<b>TARGET ORGANIZATION / GROUP</b> Individuals with three (3) years or more of experience Individuals with a bachelor's degree or equivalent Individuals of between twenty-five (25) and forty (40) years of age	
<b>CONTENTS</b> 1. Technical Support System Measures by public institutions for SME promotion 2. Technology in the field of organic materials, inorganic materials and metals		<b>PROGRAM PERIOD</b> Aug.18.2008~Nov.29.2008	
		<b>IMPLEMENTING PARTNER</b> OSAKA MUNICIPAL TECHNICAL RESEARCH INST.	
		<b>JICA CENTER</b> JICA Osaka	
		<b>COOPERATION PERIOD</b> 2004~2008	
		<b>REMARKS</b> Applicants should choose "Organic Chemistry" or "Inorganic Chemistry & Metals" at the time of application	

<b>Industrial and Commercial Statistics for East Asia and ASEAN Countries</b> <b>産業統計(東アジアおよびアセアン諸国)</b>		GROUP	0880941
Target Countries: East Asia and ASEAN countries		6 participants	English
<b>OBJECTIVE</b> OVERALL GOAL: To provide participants with general knowledge of industrial statistics, and to contribute to further statistical development OBJECTIVES: (1) to acquire knowledge and technique concerning planning, and data collection, etc., regarding industrial statistics, (2) to acquire how to analyze statistics utilizing industrial statistics, (3) to recognize the importance of industrial statistics, which are internationally comparable.		<b>TARGET ORGANIZATION / GROUP</b> (1) Officers currently engaged in the field of industrial statistics, (2) Individuals with more than 5 years of occupational experience in this field, (3) Individuals over 25 years of age but under 40, (4) Individuals with sufficient knowledge of basic mathematics, etc.	
<b>CONTENTS</b> Mainly consisting of lectures on the following items: (1) Outlines of industrial statistics. (2) Various sorts of census surveys (manufactures and commerce) (3) Various sorts of current surveys (production and commerce) (4) Enterprise based surveys (5) Secondary statistics (indices of industrial production, etc.) (6) Methods of analysis utilizing industrial statistics (7) Various sorts of classification (industrial classification, commodity classification, etc.) (8) Sampling techniques (9) The importance of internationally comparable statistics (10) On-site observation of statistical practice, etc. (11) Industrial statistics of participants' countries (Presentation by participants, etc.).		<b>PROGRAM PERIOD</b> Oct.14.2008~Nov.7.2008	
		<b>IMPLEMENTING PARTNER</b> RESEARCH AND STATISTICS DEPT., METI	
		<b>JICA CENTER</b> JICA Tokyo	
		<b>COOPERATION PERIOD</b> 2005~2009	
		<b>REMARKS</b>	

Intellectual Property Rights 国際知的財産権		GROUP  0880993
Private Sector Development—Trade and Investment		
9 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course aims to establish and enforce legal systems for the protection of Intellectual Property Rights (IPR) and the effectiveness of the systems by accomplishing the followings:</p> <ol style="list-style-type: none"> <li>1. Recognizing the importance of fostering IPR experts and public education to raise awareness of the law as a prerequisite for intellectual property (IP) protection and, furthermore, acquiring the skills needed to propose means and methods by which to foster IPR experts and public education in their countries through the example of similar activities in Japan,</li> <li>2. Recognizing the severe social and economic effects of IPR infringement and acquiring the skills needed to propose countermeasures necessary for implementation by the governments of their countries,</li> <li>3. Acquiring the skills needed to propose means and methods by which to establish and improve upon systems for more expedient and proper resolution of disputes,</li> <li>4. Acquiring the skills needed to propose policies to the governments of their countries in order to support research and development into and the creation of IPs.</li> </ol>	<p>(1) Senior administrators in charge of the legislation of intellectual property rights or in charge of policy making, or in the position of making a technical suggestion in their fields with practical experience of at least 3 years in this field</p> <p>(2) Under 45 years of age</p>	
CONTENTS	PROGRAM PERIOD	May.12.2008~Jul.19.2008
<p>This program consists of lectures, Tutorial studies and discussion, including a final symposium. The main themes are:</p> <ul style="list-style-type: none"> <li>• Overview of IPR Laws and New Issues Having Arisen</li> <li>• IPR Education</li> <li>• Utilization: Regulating IPR Infringement</li> <li>• Dispute Resolution Systems</li> <li>• Creation, Utilization and R&amp;D Support</li> <li>• Case studies: Important IPR Infringement Judicial Precedents</li> <li>• Practical Exercises: Transfer Technology Contracts</li> </ul>	IMPLEMENTING PARTNER	KYOTO COMPARATIVE LAW CENTER
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2005~2009
	REMARKS	In addition to this course, as for the Intellectual Property Rights, there are country focused courses for China and Africa respectively.

Regional Economic Development (Ph.D:either in Sociology,Engineering, Agriculture, Social System Engineering ,Biological Sciences or Biological Engineering AND Master Degree:Business Administration(MBA)) 地域経済開発(長期)		L/T  0881140
Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion		
3 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Present a measures for the industrial promotion by use of research seeds by the researchers of University and public institutes.</p> <p><b>【Outputs】</b>  <ol style="list-style-type: none"> <li>(1) Preparation of a report on the research plan</li> <li>(2) Pursue a doctorate in Graduate School of University of Tsukuba for three years</li> <li>(3) Pursue a MBA in Business School of University of Tsukuba for two years</li> <li>(4) Preparation of policy proposal based on this training</li> </ol> </p>	<p><b>【Target Organizations】</b> University, public research organization</p> <p><b>【Target Group】</b> Individuals with a master's degree or equivalent qualification. Administrative or technical officials of the above organizations with at least 5 years of experience.</p> <p><b>【Others】</b> Administrative or technical officials, aged between 30 and 45 years old.</p>	
CONTENTS	PROGRAM PERIOD	Mar. 1, 2009 ~ Mar. 31, 2012
<p>(1)Preparation the research plan for Ph.D. and MBA.  (2)Experiments in laboratory, data analysis, field investigation by directed by Ph.D. supervisors.  &lt;Life and environmental sciences&gt;  The research of the plant physiology and thremmatology for farm products.  &lt;System and Information Engineering&gt;  The research of the database of production process engineering and agricultural products cultivation.  &lt;Humanities and social sciences&gt;  The research study for developing export promotion policy.  The research of economic sociology.  (3)Lecture attendance and international field experiments for MBA degree.  (4)After go back to home countries, from the result of this training, application of patents, original articles submission and make policy proposal will be required.</p>	IMPLEMENTING PARTNER	Alliance for research on North Africa, University of Tsukuba
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008~2010
	REMARKS	




<b>Practical Seminar on Investment Promotion for South-Eastern Europe</b> <b>南東欧地域実践の投資促進セミナー</b>		R/F	0884035
Target Countries: Countries within South-East European Region		4 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
To develop the capacity to implement strategic investment promotion activities targeting Japan independently while establishing a useful business network in Japan	[Target Organizations] Investment promotion agencies and industrial organizations/associations  [Target Group] Mid-career officers engaged in investment promotion (managerial level desirable)  Individuals with at least 5 years experience in the field of investment promotion required		
CONTENTS	PROGRAM PERIOD	Sep.28.2008~Oct.11.2008	
1. Services provided by institutions involved in activities to assist investment promotion 2. FDI trends in Japan 3. Japanese business practices and effective investment promotion in Japan (case study) 4. Arrangement, preparation and implementation of one-on-one meetings with Japanese companies, under the guidance of UNIDO 5. Arrangement / preparation of and presentation in an investment seminar or a roundtable meeting, under the guidance of UNIDO	IMPLEMENTING PARTNER	United Nations Industrial Development Organization, ITPO Tokyo	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Invite 2 countries per year and all 6 countries in SEE will be invited. 2008: Montenegro(2),Macedonia(2) Participants' institutions are requested to bear the air-fare between their country and Japan. All other costs will be borne by the organizing institutions.	

<b>Tourism Promotion for Southeast European Countries</b> <b>南東欧地域 観光振興</b>		R/F	0884055
Target Countries: South East Europe		11 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The capability of appropriate administration or management for sustainable tourism will be enhanced. Upon successful completion of the course, participants will be expected: (1) To understand socio-cultural and economic impacts of tourism. (2) To learn basic ideas, conceptual frameworks, and world trends of sustainable tourism. (3) To acquire basic knowledge and practical skills to establish national and regional policies on tourism. (4) To understand the roles and significance of public agencies in tourism administration. (5) To obtain basic knowledge and practical skills to develop tourism planning, development and marketing plans. (6) To be able to propose action plans for accomplishing sustainable tourism in respective countries.	【Target Organization】 Governmental organization in charge of tourism development  【Target Group】 (1) Administrative officers engaged in tourism development in a governmental or public body (2) At least three years of practical experience in the field of tourism development (3) University graduates or equivalent		
CONTENTS	PROGRAM PERIOD	Aug.6.2008~Sep.6.2008	
Preparatory phase: Participant should prepare a "Country Report" which describes the present situation and problems related to tourism development.  Curriculum in Japan: (1) Socio-cultural and Economic Impacts of Tourism (2) Sustainable Tourism (3) Tourism in Japan (Tourism Administration on National-Level) (4) Tourism in Hokkaido (Tourism Administration on Local-Government Level) (5) Sustainable Tourism Development Case Studies in Hokkaido (6) Country Report Presentation, Propose Action Plans  Finalization phase: Within three(3) months after completion of the training in Japan, each participant is expected to hold an open seminar to share the knowledge and experiences learnt in Japan, and his/her belonging organization will send a report.	IMPLEMENTING PARTNER	Sapporo International University, Sapporo International Communication Plaza Foundation	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2006~2008	
	REMARKS		

<b>Business Management for Caucasian Countries</b> <b>コーカサス地域 経営管理</b>		R/F	0884142
Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion			
Target Countries :Caucus	6 participants /		Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This course is designed to acquire comprehensive and practical know-how for promoting appropriate business management in market economy. Upon successful completion, following outputs are expected; (1) To understand the system and practical method of business management in Japan (2) To understand how to manage to keep competitiveness in the market, providing the products which meet the demand of the market (3) To acquire the theoretical and practical knowledge on production management (4) To deepen understanding on the philosophy for human resources development and understand the practical methods necessary for business management (5) To propose action plans	(1) Managers of national/private enterprises with at least 3 years of experience in the fields of business management, production management, human resources development, marketing/sales and financial management, preferably in manufacturing industry. (2) If not (1), senior administrative officers engaged in promotion of SME's in governmental bodies, (3) University graduates or equivalent, (4) Under 50 years of age		
CONTENTS	PROGRAM PERIOD	Nov.12.2008~Dec.20.2008	
<Preparatory phase> Participants should prepare a "Country Report" which describes the present situation and problems related to business management. <in Japan> (1) Japanese style management (2) Business management (3) Quality control (TQC, TQM) (4) Production control (Just In Time, Total Productive Maintenance, Cost Management) (5) Management strategy in SME's (6) Marketing theory (7) Case study (8) Marketing strategy and theory of Lanchester Strategy (9) Practice of human resource development (10) Country report presentation, proposition of action plans	IMPLEMENTING PARTNER	Northern Advancement Center for Science and Technology (NOASTEC)	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Expected number of participants per country: 3-4	

<b>Non-life Insurance System Development for Indochina Countries</b> <b>インドシナ地域損害保険制度整備</b>		R/F	0884181
Private Sector Development—Trade and Investment			
Target Countries :Cambodia, Laos, Myanmar	6 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Purpose】</b> Participants will enhance their overall knowledge of non-life insurance systems and schemes and consequently become key players in driving the organizations they belong to in creating momentum and a solid foundation for non-life insurance system.  <b>【Outputs】</b> Participants will be able to: (1) identify and understand the roles of the non-life insurance system for socio-economic development, (2) understand the roles of supervisory agencies for the development of the non-life insurance system, (3) share experiences of development and dissemination of the non-life insurance system among participating countries, (4) formulate an Action Plan to develop an appropriate non-life insurance system	<b>【Target Organizations】</b> Ministries/government agencies in charge of non-life insurance supervision and/or administration. For instance, the Ministry of Economy and Finance in Cambodia, the Ministry of Finance in Laos, and the Ministry of Finance and Revenue in Myanmar.  <b>【Target Group】</b> (1) be deputy director or higher at the central government in principle, (2) be currently engaged in non-life insurance administration, (3) have a minimum of 3 years of the experience		
CONTENTS	PROGRAM PERIOD	Mar.1.2009~Mar.11.2009	
1. Functions and role of the non-life insurance system 2. Insurance system in Japan - outline and historical development 3. Role of insurance supervision (from the view of insurers) 4. Group discussion (country report presentation etc.) 5. Services of private insurance companies (lectures & site visits etc.)	IMPLEMENTING PARTNER	Mitsui Sumitomo Insurance Co., Ltd.	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2006~2008	
	REMARKS		

**Implementation of WTO Agreements in Central and South America**  
**中南米地域WTO協定の履行支援**

R/F  0884204

Private Sector Development—Trade and Investment

Target Countries: Central and South America

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>With the WTO accession, developing nations are required to implement the WTO Agreements. However, they are still in the process of building capacity for implementation. Therefore, this program will enable the government officials of developing nations to:</p> <ol style="list-style-type: none"> <li>1. Deepen the understanding of the WTO Agreements,</li> <li>2. Enhance the practical and technical knowledge for the rules, and</li> <li>3. Promote the judicial systems for liberalizing trade and complying with the WTO rules.</li> </ol>	<p>(1) Government officials engaged in work related to the implementation of WTO agreements,                      (2) Over thirty (30) but under forty-five (45) years of age, etc.</p>	
CONTENTS	PROGRAM PERIOD	Feb.15.2009~Feb.28.2009
<p>The following subjects will be covered in this program in the form of lectures, discussion and presentation:</p> <ol style="list-style-type: none"> <li>(1) Overview session on the WTO Agreements and the Dispute Settlement Procedure.</li> <li>(2) Understanding the trends and problems of the new Round.</li> <li>(3) Lecture on Japanese experiences of implementation of the WTO Agreements and its present situation.</li> <li>(4) Visiting the relevant government offices.</li> <li>(5) Presentations and discussions of participants.</li> </ol>	IMPLEMENTING PARTNER	Fair Trade Center
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	

**Practical Production Management (Theory and Practice on Productivity Improvement) for South America**  
**南米地域生産性向上実践技術**

R/F  0884221

Private Sector Development—Industrial Technology

Target Countries: South America

6 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to provide participants with opportunities to improve their abilities to solve the problems and difficulties that interfere with productivity. Participants will obtain the following listed knowledge and techniques:</p> <ol style="list-style-type: none"> <li>(1) Understand the importance of enthusiasm and motivation as managers and supervisors attempting to improve productivity and quality at the production sites</li> <li>(2) Understand that the high productivity of Japanese industry is due to Kaizen Activities, which means various types of continuing improvements, involving all managers and workers at the production sites</li> <li>(3) Learn how to identify 3M (Muda=Waste, Mura=Inconsistency, Muri=Irrationality) at the production sites</li> <li>(4) Learn the methodology and easy-to-implement techniques for problem-solving at production sites</li> <li>(5) Learn how to identify optimal operating conditions</li> </ol>	<p>[Target Group]                      (1) Individuals with at least 5 years of work experience in the field of the production management of manufacturing or assembling industries                      (2) Engineering graduates at university or equivalent</p>	
CONTENTS	PROGRAM PERIOD	Oct.6.2008~Feb.7.2009
<p><b>【Lecture】</b>                      (1) Productivity and management engineering, productivity factors, basis of IE, single arrangement, Poka Yoke, just in time (JIT)                      (2) Outline of QC, QC several tools, sampling inspection, control chart                      (3) Japanese economy, employee education, trend of production control  <b>【Practice】</b>                      Small group activity, New QC several tools, Value engineering (VE)  <b>【Practice in Plant】</b>                      Improvement practice 1 &amp; 2, Two days improvement  <b>【Plant Visit】</b>                      Yamamoto, Toto, Unipress, Yasukawa, Nissan, Eco Town, Komatsu, Daifuku, NR</p>	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007~2009
	REMARKS	

Target Countries: South America

8 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will acquire knowledge and techniques to build up administrative capacity for promotion of SMEs/local industry activation.</p> <p>To reach the objectives, participants are expected to acquire the following knowledge and techniques:</p> <p>(1) Administrator's role (policy making, incentive, law and legislation, finding possible industry and local resources, evaluation of feasibility)</p> <p>(2) Management capacity (business management, product development, marketing, quality control, productivity improvement)</p> <p>(3) Benchmarks</p>	<p><b>【Target Organizations】</b> Organizations responsible for the promotion of small scale enterprises (SMEs)/Local industry activation (central ministry, local government, other governmental organizations, associations of private companies for the promotion of SMEs)</p> <p><b>【Target Group】</b> (1) Managers (central ministry, local government, other governmental organizations, associations of private companies for the promotion of SMEs) who are in charge of the promotion of small scale enterprises (SMEs)/Local industry activation (2) Individuals with at least 5 years of experience in its field</p>	
CONTENTS	PROGRAM PERIOD	Mar.2.2009~Mar.28.2009
<p>A. Lecture</p> <p>1) History, policy, current system for the promotion of SMEs (Government of Japan, Kitakyushu City, Kitakyushu Chamber of Commerce, Small and Medium Enterprise Agency)</p> <p>2) Basic knowledge for the promotion of SMEs</p> <ul style="list-style-type: none"> <li>- The movement of Globalization</li> <li>- Promotion of international trade</li> <li>- Administrator's role for the promotion of SMEs</li> </ul> <p>3) Administrative ability for managers</p> <p>Marketing, human resource development, coaching, quality control, financial management</p> <p>B. Field Visit</p> <p>SME factories, venture factories, Kitakyushu Science and Research Park, One-Village One-Speciality economic movement</p> <p>C. Group discussion    D. Action plan presentation</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007~2009
	REMARKS	Expected number of participants per country: 2

Coordinator Training for Tertiary Education-Industry-Government Linkage to Develop Automobile Supporting Industries 自動車裾野産業育成のための産官学連携コーディネータ養成		GROUP  0880051
		Private Sector Development-Small and Medium Enterprises / Supporting Industries Promotion 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b> This course is designed to educate and develop academic-industrial alliance coordinators in universities and research institutes who will gain knowledge concerning intellectual property law and technology management.</p> <p><b>【Expected Result】</b> The following human resources are developed in universities and research institutes: ① Human resources who can instruct younger academic-industrial alliance coordinators after returning home ② Human resources with the basic knowledge in intellectual property rights, and technology management ③ Human resources who can guide technology development and innovation in automobile related supporting industries, through the use of technical capabilities of universities</p>	<p><b>【Target Organizations】</b> Engineering higher education/Research institutions in countries where automobile industries exist</p> <p><b>【Target Group】</b> 1) Engaged in services as academic-industrial alliance coordinators at their higher education institutions and research institutes, or individuals more likely to be appointed as academic-industrial alliance coordinators 2) Individuals with more than five (5) years in research and development 3) Individuals with a sufficient command of reading, speaking, and listening comprehension of English</p>	
CONTENTS	PROGRAM PERIOD	Oct. 5. 2008~Nov. 8. 2008
<p>1. Basic knowledge concerning academic-industrial alliance</p> <ul style="list-style-type: none"> <li>• Job Report presentation by participants</li> <li>• Movements of academic-industrial alliance and regional partnership, including universities, enterprises, and communities</li> </ul> <p>2. Intellectual property management</p> <ul style="list-style-type: none"> <li>• Intellectual property laws in Japan and ASEAN countries</li> <li>• Case studies on the utilization of intellectual property</li> </ul> <p>3. Technology Management</p> <ul style="list-style-type: none"> <li>• Importance between technology management in the field of technological development and business-academia collaboration</li> <li>• Case studies on technology management</li> </ul> <p>4. OJT</p> <ul style="list-style-type: none"> <li>(1) Industry needs survey</li> <li>(2) Industry needs and academia seeds matching</li> </ul> <p>5. Formulation and presentation of Action Plans</p>	IMPLEMENTING PARTNER	ICCEED, Toyohashi University of Technology
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2007~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt;                      Participants are expected to improve the productivity of industries, in particular of small and medium enterprises, in respective countries by applying the corporate management techniques that they learn in this course.</p> <p>&lt;Outputs&gt;                      1. To master the corporate management techniques for productivity improvement through lectures, visits, debates and onsite practice in a model enterprise.                      2. To utilize the mastered corporate management techniques in onsite practice and make a suggestive report for improving productivity of the model enterprise.                      3. To make respective action plans on how to provide consultation services to the companies in their own countries.</p>	<p>(1) University graduates or equivalent with practical knowledge of overall business management/improvement of plant-level productivity/production management techniques/development of SMEs                      (2) Individuals with leadership to consult enterprises                      (3) Individuals in a position to promote/implement business management/productivity improvement activity of industries or enterprises                      (4) Individuals between 30 and 45 years old</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.13.2008~Jul.12.2008</p>
<p>&lt;Preliminary phase&gt;                      Select at least one enterprise to implement consultation services and bring the necessary material before coming.</p> <p>&lt;Core phase in Japan&gt;                      The program contents are as follows:                      (1) Special Characteristics of Japanese Management and Corporate Support Systems Related to Enterprise Activities                      (2) Integrated Practical Production Management                      (3) Cultivating Human Resources, Marketing, Business Strategies, Cost Control, Added Value Analysis, Financial Analysis                      (4) Overview and Practice of Productivity Improvement Activities                      (5) Methods for Productivity Improvement                      (6) Productivity Improvement Activities by SMEs                      (7) Practice in Enterprise Worksite Improvements                      (8) Implementing Improvement Proposals                      (9) Creating Action Plans</p> <p>&lt;Post-program phase&gt;                      Bring back applicable action plans on productivity improvement to the home country for practice and draw up a final report.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>JAPN PRODUCTIVITY CENTER FOR SOCIO-ECON. DEVELOP.</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2004~2008</p>
	<p><b>REMARKS</b></p>	

Target Countries: all countries

18 participants ★ /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Objective&gt; The destination marketing plans targeting the Japanese market, which have been developed through the training course will be shared among the participant's organizations.</p> <p>&lt;Output&gt; To attain the objective, participants are required to achieve the following outputs; 1. to develop a better understanding of Japanese tourism administration, policy, organizations, and tourism industries, 2. to understand the trend of Japanese tourists, the characteristics of the Japanese, and the tourism product development, 3. to understand the methods and cases of other countries, 4. to develop a destination marketing plan of respective countries targeting the Japanese market based on the knowledge and techniques obtained through aforementioned 1-3.</p>	<p><b>【Target Organizations】</b> Governmental and other public organizations related with tourism promotion.</p> <p><b>【Target Group】</b> Officer with at least three(3) years practical experience in tourism promotion sector (experience in tourism marketing promotion is highly preferable)</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jun.1.2008～Jul.5.2008</p>
<p>&lt;Preparatory phase&gt; •The participant presents Country Report to understand current situation of his/her country tourism.</p> <p>&lt;Core phase in Japan&gt; 1. Outline of Tourism in Japan •Tourism administration (policy, organizations, laws) •Role and activities of National Tourism Organization (NTO) •Role and activities of Japanese Travel Agent Association •Japanese outbound market •Japanese domestic travel 2. Tourism Marketing and Promotion •Promotion activities by foreign national tourism organizations in Japan •Promotion activities of Japanese local governments •Promotion through media, by travel magazines in specific •Activities of travel agents in Japan 3. Sustainable tourism development •Outline of sustainable tourism development •Case study on tourism product development 4. Field Trips and Observations •System for the development of human resources engaged in hotel industry •Facility, hospitality and services provided at the hotel 5. Creating destination marketing plan</p> <p>&lt;Post-program phase&gt; The knowledge and output (marketing plan) obtained from the training will be disseminated at the own institution and among the personnel concerned in the tourism industry of own country.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>Japan Transport Cooperation Association (JTCA)</p> <p>JICA Tokyo</p> <p>2005～2009</p> <p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Sep.28.2008 to Nov.1.2008 in the same content.</p>

Target Countries : India, Mexico, Morocco and Nigeria

4 participants /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Heat treatment and metal finishing technologies will be improved by promoting the basic and advanced technologies acquired through the training course.                      To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1. To understand the essence of metal properties</li> <li>2. To understand the theory and techniques of strengthening and hardening by heat treatment and surface finishing technologies</li> <li>3. To understand quality control technology and pollution control technology</li> <li>4. To organize a technology improvement plan or technical assistance plan</li> </ol>	<ol style="list-style-type: none"> <li>1. Experts presently engaged in this field of technology at industry, research/educational institutes with at least two (2) years of experience</li> <li>2. Individuals with basic physical and chemical knowledge</li> <li>3. Age: Under 35 years old</li> <li>4. Individuals proficient in speaking and listening to English</li> </ol>	
CONTENTS	PROGRAM PERIOD	Aug.21.2008～Nov.29.2008
<p>Preparatory phase                      A country report and job report will be created, to assess the current situation of respective countries and related technologies.</p> <p>Program in Japan                      The technology improvement plan or technical assistance plan will be created based on the following subjects:</p> <ol style="list-style-type: none"> <li>1. Basic knowledge of materials</li> <li>2. Hardening and strengthening of bulk materials</li> <li>3. Surface hardening and strengthening mainly by heat treatment</li> <li>4. Hardening and strengthening by surface finishing technology</li> <li>5. Corrosion protection process and control</li> <li>6. Quality control and environmental treatment</li> </ol> <p>Post-program activities</p> <ol style="list-style-type: none"> <li>1. To submit a technology improvement plan or technical assistance plan to the related sections and implement the action plan.</li> <li>2. To submit a progress report describing the results in realizing the action plan</li> </ol>	<p>IMPLEMENTING PARTNER</p>	<p>Aichi Industrial Research Association</p>
	<p>JICA CENTER</p>	<p>JICA Chubu</p>
	<p>COOPERATION PERIOD</p>	<p>2005～2009</p>
	<p>REMARKS</p>	



Target Countries : Southeast Europe

7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to development of transition economies by acquiring and sharing Japanese knowledge and experiences in production management.                      Upon completion, following results will be expected:                      (1) To understand the system and practical methods of business management in Japan,                      2) To acquire the theoretical and practical knowledge on production management, quality control and sanitary control conducted by Japanese enterprises,                      3) To acquire the basic theory and practical knowledge on financial management for the appropriate financial analysis, and on marketing for the appropriate business management,                      4) To deepen understanding on the philosophy for human resource development and understand the practical methods necessary for business management,                      5) To propose an action plan considering the lessons learned throughout this course.</p>	<p>(1) managers or senior staff members of a national/private enterprise, with more than 5 years of experience in the field of process planning, product and inventory, quality control or productivity development n the manufacturing industry                      (2) if not (1), managers or senior officers in charge of promotion of SMEs at chamber of commerce and/or governmental organizations .                      (3) Technical college or university graduates, or with equivalent academic backgrounds.</p>	
CONTENTS	PROGRAM PERIOD	May.13.2008~Jun.21.2008
<p>&lt;Preparatory Phase&gt;                      Each participant prepares a Job Report to share the problem he/she has.                      &lt;Curriculum in Japan&gt;                      Lectures: Japanese/Business/Production management, Quality/Financial control, Business strategy in small and medium enterprises, 5S, Case study, Marketing theory, Human resource development (case method)                      Observation: various factories, and plants within and out Hokkaido                      Presentation: Job report presentation, Final report presentation                      &lt;Finalization Phase&gt;                      Within a month, every participant is requested to present action plans and share experiences in home organizations. JICA might support this activity.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	Northern Advancement Center for Science & Technology
	<p><b>JICA CENTER</b></p>	JICA Sapporo
	<p><b>COOPERATION PERIOD</b></p>	2007~2009
	<p><b>REMARKS</b></p>	

<b>Manufacturing Technology and Production Management System for Southeast Asian Countries</b> <b>東南アジア地域ものづくり基盤技術研修</b>		R/F 	0884104
Target Countries: Southeast Asia and ASEAN countries		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This training program focuses on the fundamental technologies and system of "making things", rather than sole technology or production management tools. Instead, it provides key mindsets, attitudes, and spirits of "Monozukuri", so that manufactured goods can be sold and profit made.</p> <p>The training program is implemented by introducing automobile manufacturing as an example to understand the essence of Monozukuri.</p> <p>However, it does not aim to provide training on automobile manufacturing at all. (Course Outcome)</p> <p>Participants are expected to learn the concept of making things (Monozukuri), the development of human resources for Monozukuri, its dependence on national culture, by understanding the key points of Monozukuri technology from design to production management. This will develop the abilities to plan and implement Monozukuri-related projects, and disseminate Monozukuri ideas in their own countries.</p> <p>(Course Outputs)</p> <ol style="list-style-type: none"> <li>1) The situation of Monozukuri and its challenges in the participating countries become clearer.</li> <li>2) Participants learn the concept of Monozukuri by understanding the key points of Monozukuri technology.</li> <li>3) Participants individually draft an Action Plan, detailing the contents of their activities after returning to their home countries.</li> </ol>	<p><b>【Target Organizations】</b>            Technical development and promotion departments of manufacturing industries and / or small and medium-sized enterprises in the national or local government.</p> <p><b>【Target Group】</b>            Applicants should:</p> <ol style="list-style-type: none"> <li>1) be engineers who are currently or will be engaged in technical development and promotion of manufacturing industries and/or small and medium-sized enterprises, and with strong wills to be leaders in this field; and</li> <li>2) Individuals with basic knowledge concerning "making things"; and</li> <li>3) University graduates or equivalent with more than 10 years of practical experience in the field of "making things".</li> </ol>		
CONTENTS	PROGRAM PERIOD	Jan.26.2009~Mar.14.2009	
<ol style="list-style-type: none"> <li>1) Orientation</li> <li>2) Design and production automation system</li> <li>3) Materials selection and treatment of materials</li> <li>4) Processing</li> <li>5) Special physical processing</li> <li>6) Special chemical processing</li> <li>7) Products inspection and quality assurance</li> <li>8) Management and production control system, industrial engineering (IE)</li> </ol>	IMPLEMENTING PARTNER	Aichi Industrial Research Association	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Expected number of participants per country : 2	

Target Countries: Countries in SAARC region


5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Through this course, effective ideas to strengthen export competition in SAARC region, such as manufacture and export products, will be shared.</p> <p><b>【Outputs】</b> 1. Share problems among SAARC region through preparing Job Report before arrival and discussion among the participants. 2. Understand Japan's trade promotion policies, the role on export competition by supporting organizations and business service consultants 3. To understand current activities by SMEs. 4. To understand supporting systems for SMEs' export competition; financial supporting system, environmental policy, and so on 5. Preparation of an action plan proposing practical method to solve the problem analyzed in Job Report. Follow up the implementation of action plan.</p>	<p><b>【Target Organizations】</b> Chamber of Commerce and Industry, Governmental Organization promoting trades</p> <p><b>【Target Group】</b> 1. Officials or staff of the target organizations 2. With more than 3 years of occupational experiences in this field. 3. University graduates or the equivalent</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.17.2009～Mar.7.2009</p>
<p>1. Prepare Job Report before arrive at Japan through surveying the current situation and problems in respective country and analyzing problems for empowerment of export competition. 2. Lectures and discussion on Japan's trade promotion policies at national and local level, regulations, customs, quality controls, and practical supporting measures for SMEs export competition. 3. Through visiting and diagnosing enterprises and factories, discussing with managers, participant will understand Japanese style of management, integral manufacturing method, quality control method such as 5S and so on. 4. Lectures and discussions for financial support system, method for protecting environment, and so on. 5. Select a theme among the problems analyzed in Job Report, utilizing any method or ideas acquired through the course, for instance selecting pilot industry, proposing an action plan, and report the situation of implementation after returning.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Conference among various small and medium scale industries in Kanagawa; Iguen</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Yokohama</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

Target Countries: Palau, Marshall and Federal States of Micronesia

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to acquire the necessary skills to plan tourism promotion strategy by understanding the way to conserve and utilize tourism resources in Okinawa.</p> <p>To attain the objective, participants are expected to achieve the following:</p> <p>(1) Recognize the importance of tourism revenue in small islands states' economies.</p> <p>(2) Recognize the importance of tourism resources in small islands or local communities, and understand the means of sustainable utilization and conservation.</p> <p>(3) Understand comprehensive knowledge about Japanese administrative roles and acquire the way of collaboration with various tourism-related organizations (private companies, NGOs, etc.).</p> <p>(4) Formulate respective action plans on how to improve the tourism sector in own countries through problem analysis.</p>	<p>[Target Organizations]                      Public sector, tourism-related organizations which are currently engaged in promotion or the planning and development of tourism</p> <p>[Target Group]                      (1) Individuals presently working as staff in the tourism or environment sector, such as the ministry of tourism and environment, or other public related organizations                      (2) Individuals with more than 3 years experience in the above mentioned field                      (3) Individuals from 30- 45 years of age</p>	
CONTENTS	PROGRAM PERIOD	Aug.5.2008~Sep.27.2008
<p>&lt;Preparatory phase&gt;</p> <p>(1) Formulating a job report describing the present situation of tourism in the participants' countries and the participants' detailed job in their organizations.</p> <p>&lt;Program in Japan&gt;</p> <p>Implementing lectures, observation tours and practices related to the following topics:</p> <p>(1) Issue analysis workshop</p> <p>(2) Importance of tourism revenue in small island states</p> <p>(3) Administration roles for tourism promotion and marketing</p> <p>(4) Participating in tourism programs (such as eco-tour programs, cultural programs and health claim tourism programs)</p> <p>(5) Formulating and making presentations of an action plan</p>	<p>IMPLEMENTING PARTNER</p>	<p>Okinawa Environment Club</p>
	<p>JICA CENTER</p>	<p>JICA Okinawa</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2008</p>
	<p>REMARKS</p>	

Intellectual Property Rights in Africa アフリカ地域知的財産権		R/F 	0884173
Target Countries: WTO Member countries in the African region		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> The training course is designed to provide comprehensive knowledge on intellectual property rights (IPR) in light of socio-economic development, to increase understandings of protection, exploitation and enforcement of IPR, and to examine feasible mechanisms for implementing the legal infrastructure with international standards.</p> <p><b>【Output】</b> 1. To sort out problems in the field of IP in participant's country, through understanding IPR in socio-economic development in Japan under international framework such as WTO/TRIPs and WIPO. 2. To understand the promotion of technology transfer from abroad and IPR. 3. To have understanding of the issues for protecting and exploiting cultural expressions including folklore and traditional knowledge, and biological resources. 4. To understand enforcement to protect IPR.</p>	<p><b>【Target Group/Target Organization】</b> (1) Individuals nominated by their government in accordance with the procedures stipulated in IV. below, (2) (a) Either senior administrators in charge of the legislation of intellectual property rights in light of global standards such as WTO/TRIPs, WIPO framework; or in charge of policy making in the field of overall intellectual property rights or related law. (b) Administrators or judicial officials in charge of legislation for at least one of the following laws: patent, utility models, trademarks, designs, copyrights, plants law with practical experience of a minimum three (3) years in this field</p> <p>* It is advisable for the two applicants to have different backgrounds in specialized law</p>		
CONTENTS	PROGRAM PERIOD	Nov.17.2008~Dec.12.2008	
<p>■ Lectures Characteristics and historical development of patent/utility model law Characteristics and historical development of trademark law Characteristics and historical development of copyright law Contracts on technology transfer/License agreement and its legal issues Introduction of international discussion on folklore Introduction of international discussion on access to genetic resources and its benefit sharing, etc.</p> <p>* The participants are expected to introduce the legislation and situation of the related topic above in the each lecture</p> <p>■ Observation Patent office High court for intellectual property rights Japanese cooperation</p> <p>■ Discussion Discussion with experts from WIPO, JPO, Japanese cooperation, attorneys at law etc</p> <p>■ Action plan</p>	IMPLEMENTING PARTNER	Kyoto Comparative Law center	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2006~2008	
	REMARKS	<p>- This training program requires preparatory e-training prior to the training course. - Two participants from each country are expected in order to analyze the overall legislation, jurisdiction and enforcement approach</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Output】</b>                      (1) To deepen their systematic understanding of museum activities and facilities.                      (2) To deepen the understanding on preservation of cultural heritage                      (3) To deepen the understanding on presentation of cultural heritage. and the role of the museum in the community                      (4) To share experience of museum management, and to make an action plan for your own museum.</p>	<p><b>【Target Organizations】</b>                      National or local level museums related organization  <b>【Target Group】</b>                      Person who has more than 10 years experience in museum or related organizations.</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jan.31.2009~Feb.22.2009
<p>The training course will focus on hands-on training geared to practical museum activities.</p> <p>1. Presentation of museums in target countries                      2. Lectures (To be decided)                      3. Museum observation                      4. Action plan</p>	<b>IMPLEMENTING PARTNER</b>	Comode Design Co., Ltd. (To be fixed), National Museum of Ethnology (To be fixed)
	<b>JICA CENTER</b>	JICA Osaka
	<b>COOPERATION PERIOD</b>	2007~2009
	<b>REMARKS</b>	

Target Countries: CARICOM countries

9 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to clarify issues encountered in their respective countries and plan a sustainable tourism promotion plan by understanding the way to conserve and utilize tourism resources.</p> <p>To reach this objective, participants are expected to achieve the following:</p> <p>(1) To understand a various types of tourism.                      (2) To understand a concept of tourism resources as well as its management and utilization of tourism related information.                      (3) To understand roles and collaboration mechanism among tourism related stakeholders.                      (4) To reconsider a tourism development plan based on the above mentioned understandings in his/her country or region.</p>	<p><b>【Target Organizations】</b>                      Public sector, tourism-related organizations and NGOs, which currently partake in the promotion or planning and development of tourism (including ecotourism)</p> <p><b>【Target Group】</b>                      (1) Governmental officers, staff of tourism-related organizations and NGOs, who currently partake in the promotion or planning and development of tourism (including ecotourism)                      (2) Individuals with practical experience in this field for about 3 years.                      (3) Individuals under 40 years old.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan.6.2009～Feb.21.2009</p>
<p>&lt;Preparatory phase&gt;                      (1) Formulating a job report describing the present situation of tourism in the participants' countries and the participants' detailed job in their organizations.</p> <p>&lt;Program in Japan&gt;                      Implement lectures, observation tours and practices related to the following topics:                      (1) •Tourism promotion in Okinawa Prefecture                          •Introduction to eco-tourism, health claim tourism                          •Participating in various kinds of tourism related program                      (2) •Evaluation and monitoring for tourism resources                          •Collection process and utilization of tourism related information                      (3) Observing various facilities for tourism                      (4) Exchanging opinions for Job Report and Tourism development plan.</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Okinawa Environment Club</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	


Target Countries: all countries

12 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>For the implementation of high priority policies, a draft strategic plan with a public-private partnership (PPP) concept will be formulated.                      Participants are required to:</p> <ol style="list-style-type: none"> <li>1. Identify the differences between government-led initiatives and PPP in the public service delivery,</li> <li>2. Understand the methodologies to promote local communities' participation, or beneficiaries' needs survey,</li> <li>3. Identify the mechanism of the PPP project (e.g. legal framework, roles and responsibilities of each actor, resource mobilization, contract),</li> <li>4. Understand the evaluation method and indicators for the PPP project,</li> <li>5. Formulate a draft strategic plan with the PPP concept (interim report).</li> </ol>	<p>Central or local government officials who are in charge of public - private partnerships with more than 5 years of occupational experience</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jan.18.2009~Feb.14.2009</p>
<p>Preparatory phrase:                      Participants are requested to submit the inception report to JICA regarding the most critical issues and proposed project with the PPP concept in respective countries or regions in advance to the program in Japan.</p> <p>Program in Japan:                      Lectures, discussions and visits on the following topics;                      (1) Concept of PPP, background, classification of PPP initiatives                      (2) Method for the communities' participation or beneficiaries needs survey                      (3) Mechanism of the PPP project                      (4) Evaluation method                      (5) Exercise to formulate the draft strategic plan (interim report)</p> <p>Post-program activities:                      Participants are required to :                      (1) Hold discussions with the relevant organizations to disseminate the concepts of PPP and their interim Report.                      (2) Submit the final report to JICA within 2 months of their return. A consultation would be made by JICA-Net video conference.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Under planning</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005~2009</p>
	<p><b>REMARKS</b></p>	



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Objective&gt;                      At the end of this program, participants should be able to plan and conduct a training course in their home organization to improve the productivity and efficiency of SMEs.</p> <p>&lt;Outputs&gt;                      To achive this program objective, participants are expected to;</p> <ol style="list-style-type: none"> <li>1. master how to analyze the training needs of their SME clients.</li> <li>2. master how to design a client need-based training course.</li> <li>3. maseter how to develop the relevant training methodologies.</li> <li>4. understand the trainer's role, the appropriate materials and the required learning environments to implement a training course for SMEs.</li> <li>5. master the evaluation for outcomes by identifying individual and training performance measures for continuous improvement.</li> </ol>	<p><b>【Target Organizations】</b>                      Public and Private organizations which are providing training to SMEs (SME Promotion Centers, Chambers of Commerce, Vocational/Industrial training Centers, NGO,etc)</p> <p><b>【Target Group】</b>                      Trainers, Instructors who have at least three years of experiences in the field of SMEs promotion.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.21.2008~Aug.9.2008</p>
<p>&lt;Preliminary phase&gt;</p> <ol style="list-style-type: none"> <li>1. The participant consults with his/her supervisor about the feasibility of implementing the training module after returning to Japan—that is, what organizational resources (time, money, staff, space, etc.) are and are not available.</li> <li>2. The participant presents Inception Report which contain 1)organization introduction, 2)critical training issue.</li> </ol> <p>&lt;Core phase in Japan&gt;                      The following subjects will be covered in this program in the form of lecture, discussion, role playing, presentation, and visit SME alike.</p> <ol style="list-style-type: none"> <li>1. instructional design</li> <li>2. the methods for designing a client need-based training course</li> <li>3. the methods for developing the relevant training course</li> <li>4. the role of SMEs' trainer and leadership</li> <li>5. the coaching methodology</li> <li>6. the evaluation methodology of training course</li> </ol> <p>&lt;Post-program phase&gt;</p> <ol style="list-style-type: none"> <li>1.Presentation to supervisor and colleagues after returning to home country and discuss the feasibility of implementing final report action plan.</li> <li>2.Submit a follow-up report.</li> </ol>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Tamagawa University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	

Small and Medium Enterprise Development Policies 中小企業振興政策		GROUP  0880070
Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion		
		14 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Formulating a final report to manage the policy and promotional measures for SMEs by officials working on government or implementing organizations for SMEs development, and the knowledge will be shared organizationally [goal for three years]</p> <p><b>【Outputs】</b> 1)Participants will be able to explain the role of policy and measures in the policy and promotional measures for SMEs development based on Japanese cases. 2)Participants will be able to point out the role of SMEs policy/measures implementing agency for promotional measures and Japanese current status or issues. 3)Participants will be able to assess own country's status on business environment development through comparative discussion with Japan and participating countries' approach.</p>	<p><b>【Target Organizations】</b> [Fix the target organization for three years] Government ministry, Local government and Implementing agency for SMEs development</p> <p><b>【Target Group】</b> 1)This program is offered to officials working on government or implementing organizations for SMEs development, being expectable to get wide range of basic ideas and knowledge about SME policy &amp; promotion measures as a generalist. 2) have at least two (2) years experience working for SMEs development, 3) Be able to discuss and make reports in English. English listening, speaking and reporting skills are essential for the "open discussion" centered curriculum.</p>	
CONTENTS	PROGRAM PERIOD	Oct.6.2008~Nov.5.2008
<p>(1)Fundamental lectures, Discussion and Site visit concerning &lt;SMEs policy system&gt;&lt;Structure of Government and Local government&gt;&lt;SMEs Registered Management Consultant system&gt;&lt; Industry-Government-Academia partnership&gt;&lt;Credit guarantee program&gt;&lt;uncollateralized loan system &gt;</p> <p>(2)Fundamental lectures, Discussion and Site visit concerning &lt;Governmental implementing agency's activities&gt;&lt;Local governmental implementing agency's activities&gt;&lt;Role of chamber of commerce and industry&gt;&lt;Financial assistance for SMEs&gt;&lt;Technical assistance for SMEs&gt;&lt;Internationalization assistance for SMEs&gt;</p> <p>(3)Fomuration, Presentation and Discussion concerning &lt;Situatuin report&gt;&lt;Final report&gt;</p>	IMPLEMENTING PARTNER	Pacific Resource Exchange Center
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	This seminar will be implemented third time for JFY 2008.The second one is scheduled from Aug.24.2008 to Sep.27.2008, and the third one is from Feb.1.2009~Feb.29.2009 in the same content.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      The trainees will be able to find out and implement the method to solve obstacles in their countries actively by themselves based on the knowledge on metrology system.</p> <p><b>【Outputs】</b>                      (1) To understand the current situation about the basic metrological system and the activities in international cooperation.                      (2) To learn about the current situation concerning the measurement standard / techniques, international cooperation and research activities in metrology.                      (3) To learn about the social and industrial infrastructures supporting the legal metrology system.                      (4) Trainees have more knowledge on the current situation in metrological control at the manufacturers which is closely related to quality control.                      (5) To understand the metrological system in the third country. To make presentation and exchange information in order to implement the overall goal of the present training course in their home countries.</p>	<p><b>【Target Organizations】</b>                      Governmental organization or national metrology institutes responsible of implementation of legal metrology infrastructure.</p> <p><b>【Target Group】</b>                      Staff incharge of national metrology institutes responsible of implementation of legal metrology infrastructure.                      Administrative or technical officials of the above organizations with at least 5 years of experience. Individuals with a bachelor's degree or equivalent qualification.</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jun.9.2008～Sep.6.2008</p>
<p>(1) General orientation and lectures on; legislative system, legal metrology system, international cooperation / support, and education on metrology.                      (2) Lectures and visits related the convention of meter, national primary standards, development of new measurement techniques, standard reference materials, mutual recognition arrangements (MRA), and international comparisons.                      (3) Lectures and visits related legal metrology system such as, verifications, type approval, designated manufacturers system, verification standards, periodical inspection, accreditation programs, etc.                      (4) Lectures and visits related metrological control practiced at the manufacturers such as, maintenance of working standards, designated manufacturers system, quality control, control of production line, and activities of organizations organized by the manufacturers.                      (5) The complementary course includes lectures by the local experts and site visits on metrological infrastructure in the country where the course is held. All trainees will also present their recent activities in their home country and exchange information with other participants.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>National Institute of Advanced Industrial Science and Technology</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

Target Countries: WTO countries which has concluded or is negotiating EPA, FTA with Japan.

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Each country's copyright-protection problems and its improvement plan will be hold in common among relevant parties of the country.</p> <p><b>【Outputs】</b> (1) Be able to explain on copyright concerning problems of participant's country. (2) Be able to draft an improvement plan for each country's copyright protection. (3) Be able to share the improvement plan within participant's organization and to sort out the points of reform and implementation.</p>	<p><b>【Target Organizations】</b> Officials of public organizations in charge of policy planning and/or enforcement of copyright</p> <p><b>【Target Group】</b> 3 year and more experience of copyright administration Good command of English</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	May.18.2008~Jun.7.2008
<p>(1) ① Lectures on copyright system and its implementation. ② Visits to collective management societies, customs and model schools. (2) ① Orientation on PCM method. ② Presentation and discussion on each country's report. ③ Visits to relevant organizations for drafting improvement plan. ④ Tutoring for drafting improvement plan. (3) ① Finalization of improvement plan after return to home. ② Presentation of the plan in participant's organization. ③ Modification of improvement plan by the organization.</p>	<b>IMPLEMENTING PARTNER</b>	Agency for Cultural Affairs
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2008~2010
	<b>REMARKS</b>	


Target Countries: Countries have possibility of progress in bioindustry accurately

11 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Through the training course of advanced bioindustry, the trainee can learn and experience of knowledge and technology necessarily for promoting and developing the bioindustry in home country. By learning the Convention on Biological Diversity, Cartagena Protocol, trainee make and execute a Bio-strategy plan continuously and possibly.</p> <p><b>【Outputs】</b> (1) Basic and applied bio-technology and Bioindustry: To learn the basic and applied biotechnology and bioindustry currently in Japan, and then to consider the comparison with own country and Japan (2) Application of biological and genetic resources: (3) Strategy &amp; planning and implementation of biotechnology and bioindustry. (4) Public understanding for safety of biotechnology and bioindustry : (5) Action plan</p>	<p><b>【Target Organizations/Groups】</b> •Administrative officers who are currently engaged in overall planning and implementation of policy in bioindustries. •Experts who are presently engaged in biotechnology or related technology at national research institutes and are supporting/will support the national government in making policy in bioindustries.</p>	
<p align="center"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.28.2008~Jul.31.2008</p>
<p>(1) Introduction of fermentation industry : Trainee can learn the history and success of fermentation industry in Japan as an instance of industrialization using the biological and genetic resources. After returning the home country, trainee make a policy and action plan to grow the bioindustry by these knowledge obtained in this training course. Amino Acid industry : manufacturing process, utilization, safety, usefulness, new function of Amino Acids. (2) Convention on Biological Diversity(CBD) and Bioindustry : Trainee learn and understand the significance and difficulties of CBD and make a political, action plan to progress the bioindustry in own country by these knowledge obtained in this training course. Trainee recognize the important relationship between own country and Japan. Trainee learn the application of microbiological resources and make use these knowledge to progress the bioindustry in own country. Environment and Biotechnology, Bioindustry: Protection of environment to develop the biomass, biofuel(bioethanol),etc (3) Bio-policy in Japan: Trainee understand the specific bio-policy in Japan in order to propose the political plan for growing the bioindustry in own country. (4) Public understanding : By learning the public understanding in Japan, trainee may consider the activity and policy for public understanding. Cartagena protocol: To learn and understand the Cartagena protocol, significance, difficulties and make the political propose. Trainee recognize the important relationship between own country and Japan. (5) Trainee can make the action plan of short and long term for promoting the progress of bioindustry in own country. Interim discussion: group discussion and presentation. Final presentation of action plan and discussion to confirm and realize them in own country.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Japan Bioindustry Association(JBA)</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chubu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Through this training, participants can make proposal to arrange and expansion of the investment law system of their country to promote the foreign direct investment</p> <p><b>【Outputs】</b> (1) Understand the situation and task of the policies of foreign direct investment of their own countries. (2) Understand the current request and needs of foreign direct investment (3) Understand the situations and investment policies of national and local level in Japan (4) propose to solve the problem of law-oriented infrastructure along the policy, strategy and issues of their country</p>	<p><b>【Target Organizations】</b> Administrators in charge of foreign direct investment policy <b>【Target Group】</b></p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jul.7.2008～Aug.8.2008</p>
<p>(1)(Before)Reading the report of ex-participants and making report of the foreign direct investment in their country to analyze the problem of their countries. (Japan)Understand the difference and similarity with Japan and other participated countries from the training of the field of investment law system (2)(Before)Understand the request for improvement from the companies which is coming from foreign country (Japan)Visit and discuss with the Japanese company which enter foreign countries (3)(Japan)Visit and discuss with the government office concerned the investment to Japan. Visit and discuss with the government office which support the companies (4)(Japan) Making the reports about the idea of investment field ,task and solution of the law system.At the presentation, Japanese experts are expected to advice them for better solutin</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p>	<p>Ministry of economy, Trade and Industry JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	<p>•This seminar will be implemented twice for JFY 2008.The second one is scheduled from Feb.4.2009 to Mar.15.2009 in the same content.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Production/Equipment managers become to be able to set the plan and goal for quality control and prevention of accident by utilizing technique and knowledge, gained by the training course.</p> <p><b>【Outputs】</b> (1) To be able to explain the mechanism of defect occurrence on metallic materials. (2) To be able to utilize the theory and methods of non-destructive inspection techniques. (3) To be able to select the proper inspection method according to the proposed use. (4) To be able to evaluate inspection results. (5) To be able to understand the present condition of recent technological equipments through the field study or plant visit.</p>	<p><b>【Target Organizations】</b> Ministry, research institute, university, or public organization, which are related with Non-destructive inspection</p> <p><b>【Target Group】</b></p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.9.2009～Jun.13.2009</p>
<p>(1)(1) Fundamentals of Metallic Materials, (2) Outline of Non-destructive Inspection Technique, (3) Countermeasure for Defects Prevention of Cast, Forged Steel, (4) Flaw in Welding Products and its Inspection (2)(1) Outline of Visual Test, (2) Fundamentals and Practice of UT, (3) RT, (4) MT, (5) ET, (6) SM, (7) PT, (8) AE (3)(1) Practical Example in Process Industries, (2) Maintenance Inspection, (3) Practical Example of Maintenance Inspection in Japan (4)(1) Outline of Quality Control, (2) Outline of Cleaner Production, (3) Research and Certificate of Non-destructive Inspection Technique in Japan (5)(1) Recent Technological Improvement in Non-destructive Technique Progress, (2) Recent Inspection of Various Plant in Japan (Shimazu, Toshiba, Rigaku, Hitachi, Fuji Film etc.) ,(3) Recent Automation Systems in Japan (Museum of Industry and Technology, TOYOTA, Yasukawa Electric Corp) (6) Report to JICA the progress of knowledge/skills sharing among the respective organization.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Kitakyushu International Techno-cooperative Association (KITA)</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>The term of this training course is not yet determined.</p>

Enterprise Networking Regional Development 企業ネットワークによる中小企業振興		GROUP 	0880895
Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion			
Target Countries: Africa		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To understand the role of enterprise networking as well as local and regional economic development within the context of national development and to make a final paper on the ideas of local and regional economic development policies of the participants' own countries.</p> <p>In order to achieve the above objectives, participants are required to:</p> <ol style="list-style-type: none"> <li>1. Enhance the ability to analyze and improve the macro economic environment,</li> <li>2. Create a concrete industrial promotion plan to address the challenges for the regional public administration and to strengthen the role of the private sector,</li> <li>3. Understand the process and role of networking among SMEs,</li> <li>4. Formulate a plan for building a cooperative relationship between NGO or CBO and public sector and/or for promoting SME's access to markets.</li> </ol>	<p>(1) Government or Public officers who are engaged in the planning/implementation of national/regional development projects and policy</p> <p>(2) Staffs of public organization for SMEs promotion or of Chamber of Commerce</p>		
CONTENTS	PROGRAM PERIOD	Oct.28.2008～Nov.25.2008	
<p>&lt;Preparatory phase&gt; Participants are required to make inception reports.</p> <p>&lt;Core phase in Japan&gt; Participants analyze and have better ideas to deal with problems that are addressed by inception reports, and formulate plans for building the cooperative relationship between NGO or CBO and public sector and/or for promoting SME's access to markets. Lecture, discussion and visit: (1) Japan's Economic Development and Policies (2) Local and Regional Economic Development (3) Enterprise Networking and Project Planning</p> <p>&lt;Post-program phase&gt; 1. Hold discussion meetings regarding plans written in Japan, 2. Submit reports on what is discussed, 3. Finalize and submit final plans.</p>	IMPLEMENTING PARTNER	Japan International Cooperation Center (JICE)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2004～2008	
	REMARKS		



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants are expected to draft promotional measures for their submission to higher authorities in their countries (or alternatively generate action plans whose target is to produce promotional measures, if not authorized to draft any measures while in Japan) through intensive exposure to:</p> <ol style="list-style-type: none"> <li>1. Participants will be able to explain the role of policy and measures in the policy and promotional measures for SMEs development based on Japanese cases.</li> <li>2. Participants will be able to point out the role of SMEs implementing agency for promotional measures and Japanese current status or issues.</li> <li>3. Participants will be able to assess own country's status on business environment development through comparative discussion with Japan and participating countries' approach.</li> <li>4. Participants will be able to investigate about the useful way and making a draft of action plan.</li> </ol>	<ol style="list-style-type: none"> <li>(1) Officials working at organizations whose activities are targeted at promoting SMEs and micro-enterprises, preferably in the manufacturing sector,</li> <li>(2) Individuals with at least two years professional experience in the relevant field,</li> <li>(3) University graduates or with equivalent qualifications,</li> <li>(4) Individuals with a sufficient command of written and spoken English (a TOEFL score of more than 550 points, IELTS grade 6 "Competent User" or higher, Cambridge ESOL certificate FCE or equivalent standard is necessary),</li> <li>(5) Individuals not more than forty-five (45) years of age,</li> <li>(6) Individuals nominated by their government, in accordance with the procedure as stipulated in section IV,</li> <li>(7) Individuals in good health, both physically and mentally, to undergo the training, and</li> </ol>	
CONTENTS	PROGRAM PERIOD	May.27.2008~Jun.28.2008
<ol style="list-style-type: none"> <li>1. Presentation of a Situation Report describing the legal framework of SMEs, relations between the prevailing economic situation and SMEs, problems identified in SMEs and then depicted in a cause-effect diagram (with additional description of their logical linkages wherever and whenever found to be necessary.), and SMEs promotional measures currently implemented or at the planning stage.</li> <li>2. Discussion on SMEs with a comparative study of policies and measures while observing SMEs in different industries</li> <li>3. Generation of SME promotional measures (draft) or action plans for their presentation and discussion</li> <li>4. Prestudy about Japanese about the general picture of Japan's SME policies and their practical exercises.</li> </ol>	IMPLEMENTING PARTNER	PACIFIC RESOURCE EXCHANGE CENTER
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2005~2009
	REMARKS	

Target Countries: Central and South America

11 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      The applicable solutions for an appropriate and sustainable tourism development, which are harmonized with community and natural environment will be proposed.</p> <p><b>【Outputs】</b>                      (1)To acquire the overall knowledge on the basic ideas and conceptual frameworks, and world trends of sustainable tourism                      (2)To improve the analyzing capability on sustainable tourism development by extracting problems in terms of environmental, economical,socio-cultural and other aspects.                      (3)To obtain basic knowledge on policy and legal frame works, and learn practical methods and examples of the Government–Academia–Industry Collaboration.                      (4)To propose an action plan for accomplishing sustainable tourism in respective countries.</p>	<p><b>【Target Organizations】</b>                      Governmental Organization in charge of Tourism Development</p> <p><b>【Target Group】</b>                      (1)Supervisor/Senior level government officials engaged in tourism development administration                      (2)More than five (5) years of practical experience in the field of the tourism development                      (3)University graduate or equivalent</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Feb.24.2009～Mar.14.2009
<p>Preparatory phase:                      Participant should prepare a "Country Report" which describe the present situation or difficulties on tourism development.</p> <p>Curriculum in Japan:                      (1)Confirmation of basic ideas, conceptual frameworks, and world trends of sustainable tourism                      (2)Understanding on economic and socio-cultural impacts of tourism                      (3)Introduction on the national/regional policy on tourism, legal frame works, roles and significance of collaboration among public, university, and private sectors.                      * Various useful example will be introduced and discussed.                      (4)Proposal on action plans for accomplishing sustainable tourism in respective countries.</p>	<b>IMPLEMENTING PARTNER</b>	Center for Advanced Tourism Studies (CATS), Hokkaido University
	<b>JICA CENTER</b>	JICA Sapporo
	<b>COOPERATION PERIOD</b>	2008～2010
	<b>REMARKS</b>	

Target Countries : South Eastern Europe


4 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>participants are expected to acquire insights of Japan's experience of well-collaborated support service provision based on the common standpoint between the prefectural and the municipal governments, specifically on standardized support services, provision procedures and networking strategies among the stakeholders. The purpose of this training is that participants prepare and share the proposal in order to improve the existing local industry or SMEs promotion policies / measures with their colleagues based on the knowledge which participants acquired through this training.</p> <p>At the end of the training, participants are expected to achieve the following objectives:</p> <ol style="list-style-type: none"> <li>1. to summarize the issues of local industry or SMEs promotion in the Job / Country Report,</li> <li>2. to be able to explain the concept of Japan's local industry promotion,</li> <li>3. to be able to explain the roles of different actors in promoting local industries, their networking efforts and the practical measures of local industry promotion that benefit the local enterprises through case study,</li> <li>4. to formulate improvement plan of the existing local industry promotion measures and/or practices of the participants' countries, and</li> <li>5. to share the improvement plan which you prepare in this training with your colleagues after this training within 2 months.</li> </ol>	<p><b>【Target Organizations】</b> Central and local governments as well as affiliated organizations which are engaged in the promotion of local industries/SMEs</p> <p><b>【Target Group】</b> (1) Officials who are responsible for local industry/SME promotion at central or local levels (2) Individuals with 5 years or more of experience in the subject field (3) Individuals with a sufficient command of written and spoken English to undergo the training</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jun.3.2008~Jul.13.2008</p>
<ol style="list-style-type: none"> <li>1. Presentation of Country Report</li> <li>2. Overview of Japan's local industries (Lecture)</li> <li>3. Overview of Japan's local industry promotion policies (Lecture)</li> <li>4. Local industries and local business start-ups (Lecture &amp; Observation)</li> <li>5. Implementation of Japan's local industry promotion policy (Networking between private financial institutions and enterprises) (Lecture &amp; Observation)</li> <li>6. Implementation of Japan's local industry promotion policy (Networking among industry, academia and government) (Lecture &amp; Observation)</li> <li>7. Implementation of Japan's local industry promotion policy (Case of 3rd Sector) (Lecture &amp; Observation)</li> <li>8. Provision of support services on human resource (Lecture &amp; Observation) development</li> <li>9. SMEs' practices (Lecture &amp; Observation)</li> <li>10. Review session (Discussion)</li> <li>11. Business planning for starting-up local industries (Discussion)</li> <li>12. Drafting and presentation of Final Report</li> </ol>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Prefectural University of Hiroshima Hiroshima International Center</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chugoku</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	

Target Countries: Arabic-speaking countries

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Formulating tourism promotional measures' plan to develop regions by officials working on tourism promotion for regional development at local government of Middle East region[goal for three years]</p> <p><b>【Outputs】</b>                      (1)1 Participants will be able to explain the role of policy and measures in tourism promotion for regional development based on Japanese cases                      (2)2 Participants will be able to point out the activity condition and issues of formulating organization control for tourism promotion on regional development                      (3)3 Participants will be able to formulate the action plan toward the tourism promotion for regional development through comparative discussion with Japan and participating countries' approach</p>	<p><b>【Target Organizations】</b>                      Department of tourism promotion for regional development on local government</p> <p><b>【Target Group】</b>                      officers working on the government, being responsible to tourism promotion.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Oct.1.2008～Nov.1.2008</p>
<p>(1) Fundamental lectures, Discussion and Site visit concerning &lt;Public administration and Regulation for tourism&gt;&lt;Utilization of tourism resources&gt;&lt;Human resource development for tourism&gt;&lt;Public information, Promotion&gt;                      (2) Fundamental lectures, Discussion and Site visit concerning &lt;Organizing of regidents for regional tourism promotion&gt;&lt;Regional historic cultural heritage&gt;&lt;Environment conservation for tourism development&gt;&lt;Hospitality&gt;                      (3) Fomuration, Presentation and Discussion concerning &lt;Situatuin report&gt;&lt;Action plan&gt;</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Pacific Resource Exchange Center</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

<b>Reinforcement of Micro, Small and Medium Enterprises Supporting Organization for African Countries</b> <b>アフリカ地域 中小零細企業支援機関育成</b>		R/F  0884079
Target Countries: African Countries		Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> To make a proposal for SMEs or Regional Industries supporting organizations to support SMEs more effectively. <b>【Outputs】</b> (1) To explain the difference about the concept of SMEs or Regional Development supporting organizations between participants' country and Japan. (2) To explain the regional development through establishment of Regional Brand and the role of the organization which support this activity. (3) To explain the regional development through One Village One Product and the role of the organization which support this activity. (4) To explain the regional development through the promotion of Traditional Industries and the role of the organization which support this activity. (5) To make the proposal for participants' organization to support SMEs or Regional Industries more effectively after this training.	<b>【Target Organizations】</b> The organizations which support Micro, Small and Medium Enterprises or Regional Industries. <b>【Target Group】</b> (1) Administrators from the organizations which support Micro, Small and Medium Enterprises or Regional Industries. (2) Individuals with 3 years or more of experience in the subject field	
CONTENTS	PROGRAM PERIOD	Jan.6.2009～Mar.8.2009
(1) •Issue Analysis Workshop •Introduction of SMEs and Regional Development in Japan •The role of SMEs or Regional Development supporting organization in Japan (2) •To visit the case example of the Regional Brand that receive some support from organizations. •To visit the public or private SMEs or Regional Development supporting organizations (3) •Introduction of One Village One Product •To visit the case example of One Village One Product that receive some support from organizations. •To visit the public or private SMEs or Regional Development supporting organizations (4) •To visit the case example of promotion of Traditional Industries that receive some support from organizations. •To visit the public or private SMEs or Regional Development supporting organizations (5) •To review the past training and exchange ideas with the focus on preparing proposal •To write the proposal which is called Action Plan and to make a presentation	IMPLEMENTING PARTNER	Hiroshima Prefectural Govt., Hiroshima International Center
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2008～2010
	REMARKS	

<b>Improvement of Policy Making and Administration System of Small &amp; Medium Enterprises Development for Middle East Region</b> <b>中東地域を対象とした中小企業振興施策</b>		R/F  0884128
Target Countries: Saudi Arabia, Parestine, Jordan, Oman, Syria, Yemen, Egypt, Tunisia		Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> The prepared policy proposal of SME promotion will be shared and considered between the participants' organization and its superior institution. <b>【Outputs】</b> (1) Report Preparation (2) Vision Finding Discussion (Reports Presentation) (3) Proposal making and Action Plan Making Orientation (4) Solution Finding Discussion and Making Proposal (5) Action Plan Presentation Meeting	<b>【Target Organizations】</b> Central and Regional government agency for implementing and/or planning of public policy for promotion of small and medium-scale enterprises. <b>【Target Group】</b>	
CONTENTS	PROGRAM PERIOD	Feb.2.2009～Mar.17.2009
(1) Applicants are requested to prepare reports (Job Report and Inception Report). These are necessary to clarify the SME related problems. (2) To promote the mutual understanding among the participants, each participant is expected to make a presentation based on his or her Job Report. After the presentation, the participants and the lecturers hold discussion to clarify each problems. (3) Through this training course, each participant or each country (organization) is expected to make Action Plan to improve the SME policy in each country (organization). (4) To solve SME-related problems in each country (organization), the solution finding discussion will be held between some experts and the participants. Based on the discussion, the participants will make a proposal to be submitted to the participant's organization. (5) The participants are requested to prepare Action Plan to be presented at the meeting. On this opportunity, the participants and the lecturers hold final discussion to polish up their Action Plan.	IMPLEMENTING PARTNER	Aichi Industrial Reserch Association
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2008～2010
	REMARKS	

Target Countries: Central and South America

8 participants /

Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Formulating a final report to manage the policy and promotional measures for SMEs by officials working on government or implementing organizations for SMEs development, and the knowledge will be shared organizationally [goal for three years]</p> <p><b>【Outputs】</b>                      (1) Participants will be able to explain the role of policy and measures in the policy and promotional measures for SMEs development based on Japanese cases                      (2) Participants will be able to point out the role of SMEs implementing agency for promotional measures and Japanese current status or issues                      (3) Participants will be able to assess own country's status on business environment development through comparative discussion with Japan and participating countries' approach</p>	<p><b>【Target Organizations】</b>                      [Fix the target organization for three years                      ]Government ministry, Local government and Implementing agency for SMEs development</p> <p><b>【Target Group】</b>                      (1) Officials who are responsible for local industry / SME promotion at central or local levels                      (2) Individuals with 3 years or more of experience in the subject field</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Nov.11.2008～Dec.21.2008</p>
<p>(1) Fundamental lectures, Discussion and Site visit concerning &lt;SMEs policy system&gt;&lt;Structure of Government and Local government&gt;&lt;SMEs Registered Management Consultant system&gt;&lt; Industry-Government-Academia partnership&gt;&lt;Credit guarantee program&gt;&lt;uncollateralized loan system &gt;</p> <p>(2) Fundamental lectures, Discussion and Site visit concerning &lt;Governmental implementing agency's activities&gt;&lt;Local governmental implementing agency's activities&gt;&lt;Role of chamber of commerce and industry&gt;&lt;Financial assistance for SMEs&gt;&lt;Technical assistance for SMEs&gt;&lt;Internationalization assistance for SMEs&gt;</p> <p>(3) Fomuration, Presentation and Discussion concerning &lt;Situatuin report&gt;&lt;Final report&gt;</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hiroshima International Center</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chugoku</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

Target Countries : Latin American countries

9 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To diversify the potential of exports to the Asian market, pragmatic knowledge on the market preferences and understanding of the trade-related system (distribution, legal system etc.) are beneficial areas of knowledge to exporters. This training course focuses on the exploration of potential food exports from Central American countries to the Asian market, especially the Japanese market. The participants of this course are expected to reach the following goals by the end of this training in Japan:</p> <p>(1) To understand the trading system and preferences in the Asian market through the observation of Japanese food market                      (2) To recognize the strengths and weakness of own food products in view of the Asian market                      (3) To strategize the promotion and marketing tactics of particular food products</p>	<p>The targeted participants will be a combination of:</p> <p>(1) Government officials in direct charge of trade promotion for the Asian market                      (2) Officials in the private sector (preferably individuals who belong to chambers of commerce, exporter's associations etc)                      Preferably, the two types of officials above should engage in a partnership in organizing trade-related events, etc.</p>	
CONTENTS	PROGRAM PERIOD	Feb.16.2009～Mar.20.2009
<p>■ Discussion                      - Participating country presentation based on SWOT analysis on selected food products</p> <p>■ Lectures                      - Introduction to Japanese market (lectures)                      Characteristics of Japanese market                      Characteristics of Japanese consumer behavior and its patterns, etc.                      - Japanese trading system and environment (lectures)                      Role of trading companies                      Administrative process for imports at the airport                      Importance of product development (PR, packaging etc)</p> <p>■ Observation                      FOODEX JAPAN (exhibition event for food products)                      Exporting companies, etc.</p>	IMPLEMENTING PARTNER	Pacific Resource Exchange Center
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2006～2008
	REMARKS	<p>This training program requires the preparation of SWOT analysis on one particular export product prior to training.</p>



Target Countries: East and South Africa


6 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      The participants are expected to formulate an action plan for promotion of foreign trade and investment within IOR economic region.</p> <p><b>【Outputs】</b>                      To achieve this objective, participants are expected;                      (1) To understand measures and policies required to promote foreign trade and investment                      (2) To understand dynamism of IOR economic region and success and lessons of IOR countries regarding attraction of foreign investment</p> <p>Especially in 3rd country phase in Malaysia, participants are expected;                      (1) To pursuit possibility of strengthening of economic relationship with Malaysia as a case example of IOR country                      (2) To understand reality of concept and knowledge this is learnt in core phase in Japan.</p>	<p><b>【Target Organizations】</b>                      This program is designed for the public organization in charge of trade and investment as well as industrial policies. The organization should be responsible for selecting the appropriate candidates for the whole period of technical assistance according to the curriculum given by JICA.                      Participants of the same organization of respective country from 1st-year to 3rd-year are expected to work together so that the organization will be able to develop the know-how as institutional memory and effectively introduce measures aiming at improving the economic relationship with countries around Indian Ocean.</p> <p><b>【Target Group】</b>                      1) Current Duties: be a division head/senior level officer (under Department Director)                      The selected two participants from the same country are expected to work in partnership to implement action plan after the program.                      2) Educational Background: be a graduate of university and/or those who have equivalent academic knowledge and/or professional experiences</p>	
<p align="center"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.17.2008～Sep.6.2008</p>
<p><b>【Preliminary Phase in a participant's home country】</b>                      (1) Two selected participants for 2008 will get in touch with the 1st-year and 2nd-year participants,                      (2) Inherit the outcome of the training program from the 1st-year and 2nd-year participants and the "Action Plan" which they made.                      (3) Based on the discussions with the 1st-year and 2nd-year participants and the Action Plans, the selected participants will co-write a report</p> <p><b>【Core Phase in Japan】</b>                      (1) Lectures and visits on measures and policies required to promote foreign trade and investment                      (2) Lectures on dynamism of IOR economic region and success and lessons of IOR countries regarding attraction of foreign investment                      (3) Formulation of Action Plan</p> <p><b>【Third Country Phase in Malaysia】</b>                      (1) Trade and investment policy of Malaysia                      (2) Economic relationship between Malaysia and African IOR countries</p> <p><b>【Finalization Phase in a participant's home country】</b>                      Application and implementation of the action plan back in the participant's country and submission of report on its progress</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Kobe University, Kobe International Center for Corporation and Communication</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2006～2008</p>
	<p><b>REMARKS</b></p>	<p>Total 6 people from the same organization, 2 for each year, are expected to be involved in the project.</p>

Target Countries: APEC member nations

7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objectives of this seminar are to enable the government officials who deal with trade policies, WTO, FTA, and ETA alike to enhance their practical skills for international economic analysis and negotiation. In developing nations, the lack of abilities for implementation of international frameworks and trade facilitation is a major concern. Therefore, this program will enable the government officials of developing nations to:</p> <ol style="list-style-type: none"> <li>1. Enhance analytical skills for trade indicators</li> <li>2. Deepen understanding of international frameworks</li> <li>3. Deepen understanding of current trade negotiations</li> <li>4. Make a proposal for impacts and solutions related to present international trade issues.</li> </ol>	<ol style="list-style-type: none"> <li>(1) Government officials engaged in the work of negotiations on trade policies, WTO, FTA, EPA</li> <li>(2) Over thirty (30) but under forty-five (45) years of age, etc.</li> </ol>	
CONTENTS	PROGRAM PERIOD	Nov.16.2008～Nov.29.2008
<p>The following subjects will be covered in this program in the form of lectures, discussion, role playing, and presentation:</p> <ol style="list-style-type: none"> <li>(1) Trade system, WTO agreement</li> <li>(2) Trade data analysis</li> <li>(3) International frameworks (proper trade remedies, disputes and disputes settlements, fair trade rules, intellectual properties, etc.) and case studies</li> <li>(4) Trade negotiation (role playing, coalition building, fast track case, agricultural negotiation)</li> <li>(5) Lectures and consultation for making a proposal</li> <li>(6) Presentations and discussions of participants</li> </ol>	IMPLEMENTING PARTNER	Fair Trade Center Institute for International Trade and Investment
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007～2009
	REMARKS	

<b>Strengthening of Market Competitiveness of Agricultural Products in the African Countries</b> <b>アフリカ地域農産物輸出競争力強化</b>		R/F 	0884206
Target Countries: Africa		Agricultural/Rural Private Sector Development—Trade and Investment Development—Other Agricultural/Rural Development 9 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Course objective: Personnel in private sector and related official understand the know-how to product, market and distribute the high value added agricultural products, so as to improve related system for targeting global agricultural products market.</p> <p>Achievements:</p> <p>1) To understand system and techniques of high value added agricultural production and processing</p> <p>2) To understand system of standard/certification of agricultural products</p> <p>3) To understand quarantine system in Japan</p> <p>4) To compile Joint Action Plan to strength market competitiveness of agricultural product in Africa for targeting global market</p>	<p><b>【Target Organizations】</b></p> <p>1) Economic federation/union in private sector on production, marketing and distribution of agricultural products</p> <p>2) Governmental organizations or related administrative agencies for activating the above federation/union</p> <p><b>【Target Group】</b></p> <p>1) Managing staff in Economic federation/union in private sector</p> <p>2) Specialist on governmental organizations or related administrative agencies</p>		
CONTENTS	PROGRAM PERIOD	Feb.15.2009～Feb.28.2009	
<p>1) Distribution of agricultural products, Agricultural processing, Productive cooperative or union, Food security, Traceability</p> <p>2) Standard/certification/indication, Traceability, Food security</p> <p>3) Food security including risk analysis, Plant quarantine system, Risk Analysis</p> <p>4) Making of Action Plan (Strategy Paper)</p>	IMPLEMENTING PARTNER	Under Planning	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

Target Countries: Central and South America

10 participants

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b>                      The specific problem areas and tactical goals, which are characterized by the local environment, for developing new ventures and promoting SMEs will be clearly identified by implementing the "Support Model".</p> <p><b>【Outcome】</b>                      Each participant will develop a "Support Model" to help SMEs upgrade their management level; based on the local environment and his/her own prioritized service areas, as well as adapting modules selected from Japanese experiences. In addition, an "Action Plan" will be summarized and presented for the implementation in his/her organization after training.</p>	<p><b>【Target Organizations】</b>                      Organizations that support the development and promotion of local SMEs:                      a) Administrative organizations to facilitate the development and promotion of local industries,                      b) Financial organizations and public institutions for supporting local SMEs,                      c) Service providing organizations for SMEs, e.g. researching, consulting and training organizations.</p> <p><b>【Target Group】</b>                      1) Facilitators working in public organizations for supporting and supervising local SMEs,                      2) Service providers specializing in helping individuals and/or groups of small scale industries solve their managerial problems,                      3) Individuals with more than five (5) years of practical experience in this field,                      4) University graduates, or with an equivalent level of knowledge or professional experience; and                      5) Individuals with a sufficient command of English in speaking, listening and writing.</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.13.2008～Dec.13.2008
<p>1. Mutual study led by participants                      Participants will take initiatives to organize the following studies:                      1) Job Report presentation and discussion                      2) Action Plan formulation, presentation and discussion</p> <p>2. Study of Japanese experiences                      Studies of various Japanese experiences, together with participants' own experience and those of exchanging ideas with other participants, will be used as the core information for developing a "Support Model" for upgrading the management level of SMEs.                      1) Basic principles of management practice in SMEs,                      2) Possible problem areas in the planning stage of new ventures and measures to prevent business failures,                      3) A diagnostic approach for the start-up stage to accelerate businesses operations,                      4) Various Kaizen activities to improve daily operations in the sustaining stage of business, and                      5) The industrial and economic structure of Japan, and policy and measures of SMEs promotion.</p>	<b>IMPLEMENTING PARTNER</b>	Central Japan Industries Association
	<b>JICA CENTER</b>	JICA Chubu
	<b>COOPERATION PERIOD</b>	2007～2009
	<b>REMARKS</b>	

Target Countries: Central America

12 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The training course aims to promote industrial development in respective countries and states through joint participation from the public and private sectors, which is expected to trigger a synergistic effect of administrative support and self-help efforts by enterprises.</p> <p>Participants will learn the following measures from the Japanese experience:                      (1) Measures to promote regional industrial development by SMEs, which play a vital role in supporting industries rooted in states or regions, by gaining stronger competitiveness, as well as strengthening cooperation among enterprises by institutionalization (cooperative association).                      (2) Measures for public organizations to provide appropriate administrative support to the respective industries.</p>	<p><b>【Target Organizations】</b>                      Ministries in charge of SMEs, cooperative associations</p> <p><b>【Target Group】</b>                      Official: Officials in charge of SMEs in central or local government                      Private: Top officials in cooperative associations of priority industries (if there is no cooperative association, top officials in the company which plays the leader's role)                      Individuals with more than 3 years experience</p>	
CONTENTS	PROGRAM PERIOD	Aug.31.2008～Sep.27.2008
<p>(1) Presentation of situation report and setting of own tasks                      (2) Lectures: Technical innovation, marketing, operational statistic's of the company, importance of the organization of companies                      (3) Discussion: Comparison between the operation in own country and in Japan, application of Japanese cases in own country</p>	IMPLEMENTING PARTNER	Pacific Resource Exchange Center
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2007～2009
	REMARKS	

Target Countries : South-Eastern Europe

13 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The seminar is so designed as to help government officials developing and promoting SMEs in the participating countries explore possibilities of resolving issues identified in the existing situation that surrounds SMEs. And it also to help to consider ways to apply SME policy in respective countries by gaining a firm understanding of history and current state of Japanese SME policy.</p> <p><b>【Outputs】</b> To make participants: 1) able to explain the outline of SMEs promotional policies and measure's role refer to Japanese case, 2) able to point out the Japanese current situation and challenges of SME promotional Implementing agencies' role and utilization of promotional measures, 3) able to consider ways to utilize Japan's SME policies to their countries SME promotion policies.</p>	<p><b>【Target Organizations】</b> Governmental organizations in charge of the formulation of policies for SME promotion.</p> <p><b>【Target Group】</b> (1) Officials whose activities are targeted at promoting SMEs (2) Experience: At least 3 years in the relevant field (3) Age: under 45 (4) Individuals who will work in the related field continuously, and can implement the achievements of the seminar.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Nov.17.2008~Dec.13.2008</p>
<p>Learning and Dialogue (1) Presentation of Situation Report (2) Japan's economy and South-Eastern Europe Countries (3) Japan's business relationship with South-Eastern Europe Countries (4) Importance of SMEs Development and Promotion (5) Characterizing Japanese corporate management (6) Defining SMEs in Japan and their role (7) Japan's SMEs Promotion Policy (8) Focusing on Japan's business relationship with the participating countries for further expansion (9) Action Plan Generation and Presentation</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>PACIFIC RESOURCE EXCHANGE CENTER</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	


Target Countries: Thailand, Cambodia, Laos, Viet Nam and Myanmar


8 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Discussions about tourism promotion centered around East-West Corridors and attraction of tourists to the area will be held.</p> <p><b>【Outputs】</b>                      (1) To formulate action plan for tourism promotion in participants' own countries with utilizing lessons from Japanese examples and discussions among participants                      (2) To understand Japan's tourism promotion policies.                      (3) To discuss about attraction of tourists including Japanese tourists                      (4) To understand sustainable tourism promotion, from examples in Japan</p>	<p><b>【Target Organizations】</b>                      National or Local governmental organization in charge of tourism promotion</p> <p><b>【Target Group】</b>                      Officials in the position of decision-making in above mentioned organizations.</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Mar.1.2009~Mar.20.2009
<p>(1) Presentation: Present Situation and Issues of Tourism Promotion in participants' respective countries                      Discussion: Strategy for the regional tourism promotion                      Practice: Planning of model course for area tourism</p> <p>(2) Observation: Actual activities of tourism promotion in local areas, One Village One Product Activities                      (3) Visit: Visit Japan HQ Secretariat, Tourism Companies                      Discussion: Promotion for Japanese tourist                      (4) Observation/Lecture: Examples of tourism environmentally friendly promotion</p>	<b>IMPLEMENTING PARTNER</b>	Pacific Resource Exchange Center
	<b>JICA CENTER</b>	JICA Osaka
	<b>COOPERATION PERIOD</b>	2008~2010
	<b>REMARKS</b>	


# 12. Agricultural/ Rural Development





Mycotoxin Inspection in Food マイコトキシン検査技術		GROUP 	0880001
Agricultural/Rural Development—Other Agricultural/Rural Development Issues Health —Health System			
OBJECTIVE		TARGET ORGANIZATION / GROUP	
The purpose of the program is to enable the participants to understand the basic knowledge and techniques for the control and management of mycotoxins. After this program, they are expected to be able to apply them in their respective countries.		<b>【Target Organizations】</b> Food inspection organization in developing countries  <b>【Target Group】</b> Technical officers or inspectors presently engaged in food inspection with at least 3 years of experience	
CONTENTS		PROGRAM PERIOD	Jan.26.2009～May.9.2009
Lectures: (1) Food sanitation law and food inspection (2) General view of mycotoxins (3) Introduction to fungi (4) Isolation and identification of fungi (5) Aspergillus flavus contamination of groundnuts and maize (6) Fusarium contamination of wheat and maize (7) Sampling for mycotoxins (8) Analysis of mycotoxins (9) Control of mycotoxins (10) Analysis of food preservatives Practical exercises: (1) Method of the isolation and identification of mycotoxins-producing fungi (2) Analysis of mycotoxins such as aflatoxins and fusarium mycotoxins (3) Analysis of food preservatives		IMPLEMENTING PARTNER	KOBE INSTITUTE OF HEALTH, NAGOYA CITY PUBLIC HEALTH INSTITUTE
		JICA CENTER	JICA Hyogo
		COOPERATION PERIOD	2005～2009
		REMARKS	


Agrobiotechnology アグロバイオテクノロジー		GROUP 	0880003
Agricultural/Rural Development—Agricultural Development			
OBJECTIVE		TARGET ORGANIZATION / GROUP	
The purpose of the program is to enable experts to make the best use of bio-resources in the field of agrobiotechnology (livestock, higher plants, microorganisms) in which continuous technological innovations and higher applicability are expected in the near future. (1) To understand fundamental principles in biotechnology (2) To understand the general situation of biotechnology and its application (3) To acquire fundamental and experimental methods for biotechnology by screening, identification, molecular breeding and gene manipulation of microorganisms from the environment and type cultures (4) To acquire fundamental and experimental methods for biotechnology by tissue culture, cell fusion, genetic and cellular engineering of animals and plants (5) To obtain a general ability to select suitable biotechniques applicable in each country		<b>【Target Organizations】</b> Research institute for microbiology and higher animals/plants  <b>【Target Group】</b> (1) be nominated by their government in accordance (2) be presently engaged in research work in microorganisms, livestock and higher plants and have more than three (3) years of occupational experience in these fields, (3) be university graduates or equivalent, (4) be proficient in spoken and written English,	
CONTENTS		PROGRAM PERIOD	Mar.16.2009～Aug.8.2009
Lectures/laboratory works: General review of biotechnology, clones and propagation of animals and plants, gene mapping by molecular markers in programs for breeding microorganisms, stress response and cellular signal transduction, genetic engineering, screening of immunopotential activities in food components, diagnostic analysis of pathogenic bacteria, bio-remediation of environmental contaminants by microorganisms and their screenings and genetic modifications, conservation and sustainable development		IMPLEMENTING PARTNER	FACULTY OF AGRICULTURE, KOBE UNIVERSITY
		JICA CENTER	JICA Hyogo
		COOPERATION PERIOD	2005～2009
		REMARKS	


<b>Pasture Based Livestock Farming Development</b> <b>草地畜産開発</b>		GROUP  0880025
Agricultural/Rural Development—Agricultural Development		
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this training program is to transfer knowledge and skills on pasture based livestock farming to technical officials in charge of the livestock industry in their own countries. Participants are expected to acquire knowledge and skills on various aspects of pasture management and utilization, forage crops production and utilization, animal nutrition and feed, animal feeding management, etc. It should be emphasized that the program will train leading technical experts in charge of rural development through pasture based livestock farming. Through the training program, participants are expected:</p> <ol style="list-style-type: none"> <li>1. To understand integrated knowledge and skills on pasture based livestock farming, and be able to plan livestock industry development policy suitable for the area condition,</li> <li>2. To understand pasture management and utilization, and be able to practice and guide suitable pasture management and utilization for the area condition,</li> <li>3. To understand forage crops production and processing, and to be able to apply the result to the effective utilization of forage crops,</li> <li>4. To understand nutrition and feed, and to be able to apply the result to designing feeding,</li> <li>5. To understand animal feeding management, and to be able to practice and guide suitable animal feeding management for the area condition.</li> </ol>	<p>(1) Individuals employed by a public organization and engaged in administration, extension and/or research work in the livestock industry, with at least 3 years of work experience in pasture and forage crops production and management            (2) Age: Under 45 years old,            (3) University graduates or with equivalent academic background,</p>	
CONTENTS	PROGRAM PERIOD	Apr.8.2008~Aug.16.2008
<p>This program consists mainly of lectures and practical training given by the NLBC staff and visiting professionals, and trips to study pasture management, forage crops production, etc. The main study and training subjects are as follows:</p> <ol style="list-style-type: none"> <li>(1) Outline of the livestock industry</li> <li>(2) Planning pasture based livestock farming/technical extension</li> <li>(3) Pasture management and utilization</li> <li>(4) Production and utilization of forage crops</li> <li>(5) Seeds production</li> <li>(6) Animal nutrition</li> <li>(7) Feed analysis</li> <li>(8) Animal feeding management</li> </ol>	IMPLEMENTING PARTNER	NATIONAL LIVESTOCK BREEDING CENTER
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2005~2009
	REMARKS	


<b>Veterinary Technology for Farm Animals</b> <b>産業動物の獣医技術</b>		GROUP  0880213
Agricultural/Rural Development—Agricultural Development		
		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The level of participants' knowledge and techniques of veterinary medicine (mainly for cattle) will be improved.</p> <p>To reach the objective, the participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>(1) To improve clinical techniques of diagnosis and treatment (internal medicine, surgery and reproduction) of frequent diseases of farm animals (mainly cattle)</li> <li>(2) To improve control measures against infectious diseases and herd infection</li> <li>(3) To learn about sanitation management such as meat inspection, food sanitation and veterinary public health for supply of safe animal products</li> <li>(4) To learn about veterinary administration in Japan, present situation of educational research and role of veterinarians in animal husbandry</li> </ol>	<p>(1) University graduates in veterinary medicine and those qualified as veterinarian            (2) Leading veterinarians who handle farm animals (mainly cattle)            (3) At least 5 years of practical experience</p>	
CONTENTS	PROGRAM PERIOD	Aug.12.2008~Nov.22.2008
<p><b>Preparatory Phase:</b> Present job activities and issues concerning farm animals are described in the job report</p> <p><b>Curriculum in Japan:</b></p> <ol style="list-style-type: none"> <li>(1) Lectures: - Veterinary administration in Hokkaido and Japan, - Feeding management, - Embryo transfer, - Internal medicine, surgery and reproduction of farm animals, - Prevention and control of mastitis in cattle, - Livestock sanitation, - Prevention and control of infectious and parasitic diseases, - Public health,</li> <li>(2) Practical exercises: - Medical examination techniques and nutrition management guidance for cattle, - Clinical examination and treatment (internal medicine, surgery and reproduction) of farm animals, - Bacteriological examination, diagnosis and treatment of mastitis, - Examination and diagnosis of infectious diseases, - Diagnostic techniques of zoonotic diseases, - Meat inspection, - Writing action plan, etc.</li> <li>(3) Observations: - Dairy farms, - Veterinary clinic and small animal clinic, - Meat inspection office, - Livestock hygiene service center, - Facilities related to livestock, - Educational and research institutions, etc.</li> </ol>	IMPLEMENTING PARTNER	HOKKAIDO VETERINARY MEDICAL ASSOCIATION
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006~2010
	REMARKS	


Utilization and Preservation Techniques for Animal Products 畜産物の利用と保蔵技術		GROUP 	0880218
Agricultural/Rural Development—Other Agricultural/Rural Development Issues			
		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources capable of increase the added value of foods by maintaining the quality of animal products and improving food safety in their countries.</p> <p>To attain the objective, participants are expected to achieve the followings:</p> <p>(1) To be able to explain livestock fattening and slaughtering techniques and acquire advanced theories about meat science and food hygiene</p> <p>(2) To be able to utilize processing and preservation techniques through the hygienic handling of animal products</p> <p>(3) Appropriate measures can be taken in improving their own sanitary control systems after returning home</p>	<p>【Target Organizations】 Official institutions that are engaged in the animal product processing industry or in food science</p> <p>【Target Group】</p> <p>(1) Technical experts or researchers (2) Age: Preferably under 35 years old (3) Individuals able to handle and eat pork meat (as the practice includes making and tasting pork products)</p>		
CONTENTS	PROGRAM PERIOD	Feb. 17. 2009 ~ May 23. 2009	
<p>Preparatory phase: To submit a job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason.</p> <p>Program in Japan: This course consists of the following contents.</p> <p>(1) Fattening techniques (production and preparation of feed, physiology of meat and fattening techniques), Slaughtering and carcass dressing, Meat science (meat quality inspection &amp; analysis of meat substance), Food hygiene (properties of milk products, production and hygiene of milk and milk products)</p> <p>(2) Processing techniques: Basics of meat processing, Production and processing of animal products, Utilization of animal by-products. Preservation techniques: Analysis of special ingredients, Food additives, Food packaging materials</p> <p>(3) Outline and system of traceability of beef in Japan, Safety of meat and processed meat products, Food hygiene and HACCP</p> <p>(4) To make a concrete action plan which describes the project objectives, outputs, major activities, etc. after returning home country</p>	IMPLEMENTING PARTNER	Obihiro Univ. of Agricult. & Veterinary Medicine	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2006~2010	
	REMARKS	Participants should be able to handle and eat pork meat (as practice includes making and tasting pork products).	


The Course for IT System Techniques for Agriculture 農業のITシステム化技術		GROUP 	0880220
Agricultural/Rural Development—Agricultural Policy and System Information and Communication Technology—Information and Communication Technology			
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources capable of agricultural development in their countries by understanding the functions of agricultural information systems and by processing information especially with a spreadsheet and database.</p> <p>To attain the objective, participants are expected to achieve the followings:</p> <p>(1) To be able to explain the functions and benefits of agricultural information network systems</p> <p>(2) To be able to utilize database architecture skills concerning the agriculture and livestock industry using Microsoft Access</p> <p>(3) To be able to utilize data processing and data analysis skills using Microsoft Excel</p>	<p>【Target Organizations】 Official institutions, which collect and process agricultural data such as weather conditions, soil analysis, and planting conditions using computers and provide them for people related to agriculture.</p> <p>【Target Group】</p> <p>(1) Individuals who have positions in have three years of experience in this field. (2) Individuals who possess basic computer skills, sufficient experience in information processing through the use of spreadsheet software, and have a deep interest in computer programming.</p>		
CONTENTS	PROGRAM PERIOD	Jan. 18. 2009 ~ Apr. 23. 2009	
<p>Preparatory phase: To submit a job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest, reasons, and individual tasks</p> <p>Program in Japan: This course consists of lectures, practical exercise, observation and discussion of the following contents.</p> <p>(1) Outline of agricultural related information processing: Information security and the operation and management of systems, local area network system, etc.</p> <p>(2) Acquiring individual database architecture by Microsoft Access.</p> <p>(3) Microsoft Excel VBA coding, data-file processing techniques and individual tasks.</p> <p>(4) To make a concrete action plan which describes the project objectives, outputs, major activities, etc. after returning home country</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine Fujitsu Hokkaido Systems Ltd.	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2006~2010	
	REMARKS		


<b>Food Processing and Preservation Technology</b> <b>食品加工・保全技術</b>		GROUP  0880227
Agricultural/Rural Development—Other Agricultural/Rural Development Issues		3 participants / English
Target Countries : Asia		English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Participants will enhance their capabilities to develop and produce processed foods of high quality and added value, utilizing agricultural resources in their own countries. To attain the objective, participants are expected to achieve the following: 1) To understand the legal and administrative systems on food processing and preservation in Japan 2) To understand the technologies of food processing and preservation in Japan 3) To understand the situation regarding the research and development, production and distribution of food products in Japan, and to clarify issues in their own countries by comparison with Japan 4) To acquire practical skills and techniques for proper food processing and preservation	(1) Researchers or technical staff in research institutes related to food processing and preservation (2) Capable of conducting basic chemical experiments (e.g. operation of a balance/pH meter, preparation of acid/alkaline reagents, etc.) (3) Individuals with a university degree or equivalent in a science program (4) Individuals with a sufficient command of written and spoken English	
CONTENTS	PROGRAM PERIOD	Jan.9.2009~Mar.19.2009
1. General training: All participants will receive the training as follows: 1) Lectures on legal/administrative systems and technologies on food processing and preservation in Japan 2) Observation tours to food-related facilities (factories, research institutes, etc.) 2. Practical training: All participants should acquire techniques and knowledge related with 4 topics. (which vary every year): I Agricultural food processing: Topic 1. Topic 1. Acquisition of the basic theory of analytical and evaluating methods and the analytical techniques of grains Topic 2. Training on production and evaluation techniques of foods processed from starch crops Topic 3. Training on saccharification of rice and manufacturing test of a sweet alcoholic Japanese drink called amazake using enzyme Topic 4. Training on the search for useful acidophilus and the application to the food	IMPLEMENTING PARTNER	Hiroshima International Center
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2006~2010
	REMARKS	The training period has not been fixed yet.


<b>Organic Agriculture Technology for Environment Conservation</b> <b>環境保全型有機農業技術</b>		GROUP  0880724
Agricultural/Rural Development—Agricultural Development		15 participants / English・Japa
OBJECTIVE	TARGET ORGANIZATION / GROUP	
[Objective] The participants will obtain knowledge and techniques of organic agriculture for environmental conservation, and will be able to make a plan for extension of organic agriculture for environment conservation.  [Expected Results] To reach the objectives, participants are expected to achieve the following: (1) To acquire knowledge and techniques of organic agriculture, (2) To study Japanese experiences and traditional techniques of agricultural development and examine their possible applications to respective countries, and (3) To make an applicable Action Plan for the extension of organic agriculture in the participant's country.	[Target Organizations] Government organization, NGO, and individual farmers engaging in agricultural activity at a field level  [Target Group] (1) Individuals engaging in agricultural activity at a field level with at least 2 years of work experience in their specialties (2) Individuals in good health, both physically and mentally, to undergo the course of rigorous training	
CONTENTS	PROGRAM PERIOD	Feb.2009~Nov.2009
1. History of agriculture History of rice farming and organic agriculture in Japan / Diffusion of chemical fertilizer and its negative effect / Global food situation / Rural development worldwide 2. Environment conservation in agriculture Current situation of aquatic contamination and its relation with agriculture, techniques for water quality improvement / Current situation of ground pollution and its countermeasures and mechanism / Biomass resources -Character, variety and potential 3. Techniques of organic agriculture for environmental conservation Land Improvement / Insect Pest Control / Organic Agriculture Techniques 4. Rural development in Japan History of rural development in Japan / Marketing and distribution of agricultural goods / Farmer organization and institution-building 5. Formulation and presentation of Action Plans	IMPLEMENTING PARTNER	OISCA
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2007~2009
	REMARKS	


Soil Diagnosis and Conservation 土壌の診断と保全コース		GROUP 	0880850
Agricultural/Rural Development—Agricultural Development			
		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources capable of proposing soil improvement and environmental preservation considering sustainable agriculture.</p> <p>To attain the objective, participants are expected to achieve the followings:</p> <p>(1) To be able to explain how agriculture is related to meteorological conditions, topography and soil</p> <p>(2) To be able to utilize the general concept and methods of soil diagnosis for the stable and high quality productivity of agricultural products</p> <p>(3) To be able to utilize the general concept and methods of suitable management for agricultural environment to attain sustainable agriculture</p>	<p><b>【Target Organizations】</b> Ministry of Agriculture etc. that are related to Soil diagnosis and conservation</p> <p><b>【Target Group】</b></p> <p>1) Individuals who are able to contribute to sustainable agriculture production and are presently engaged in the field of soil diagnosis and soil analysis with at least 2 years of experience</p> <p>2) Age: be over twenty-five (25) and under forty (40) years of age</p> <p>3) Not be pregnant due to many field works</p>		
CONTENTS	PROGRAM PERIOD	May 13. 2008 ~ Aug. 3. 2008	
<p>Preparatory phase: To submit a job report, which includes an introduction of work, problems faced in the participant's country and fields of particular interest and the reason, as well as a questionnaire</p> <p>Program in Japan: This course consists of the following contents. This course consists of lectures, practical exercise, observation and discussion of the following contents.</p> <p>(1) Outline of agriculture in Japan, Formation of soil</p> <p>(2) Theory of soil diagnosis, Soil profile survey, Sampling Soil map making, Application of soil diagnosis, Method of soil analysis for chemical properties and its application, Physical properties of soil and its application</p> <p>(3) Water quality analysis, Heavy metal pollution of soils in Soil improvement techniques</p> <p>(4) To make a concrete action plan which describes project objectives, outputs, major activities, etc. after returning home country</p>	IMPLEMENTING PARTNER	Obihiro university of agriculture and veterinary medicine, Agricultural experiment stations	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2004~2008	
	REMARKS		


Vegetable Cultivation Technology 野菜栽培技術		GROUP 	0880858
Agricultural/Rural Development—Agricultural Development			
		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> The purpose of this program is to provide participants with knowledge and technology related to practical vegetable cultivation in Japan, thereby helping them to promote vegetable production in their respective countries.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p><b>【Outputs】</b></p> <p>(1) vegetable cultivation technology for high yield and quality;</p> <p>(2) vegetable seed production technology;</p> <p>(3) technology of vegetable production in sustainable agriculture</p> <p>(4) experiments, report making and presentation</p> <p>(5) socio-economics in vegetable production</p> <p>(6) problem analysis and action plan making</p>	<p>Applicants should:</p> <p>1) be presently engaged in vegetable production as researchers, training instructors or extension officers with occupational experience of more than three years experience,</p> <p>2) be university graduates or have an equivalent academic background, not be doctorate holders,</p> <p>3) be over 25 and under 40 years of age,</p> <p>4) be in good health to undergo the course of training.</p> <p>5) be recommended by the Embassy of Japan or JICA Office in respective countries, (person who participate (or will participate) in JICA's Program or Project is highly recommended)</p>		
CONTENTS	PROGRAM PERIOD	Feb.8.2009~Nov.14.2009	
<p>This program includes lectures, experiments (using JICA Tsukuba experimental infrastructure), study tours and discussion</p> <p>(1) Vegetable cultivation technology for high yield and quality</p> <p>a) Raising seedlings b) Soil science and plant nutrition c) Plant physiology</p> <p>d) Pests and diseases control e) Vegetable cultivation</p> <p>(2) Vegetable seed production technology;</p> <p>a) Breeding b) Seed technology c) Seed production of major</p> <p>(3) Technology of vegetable production in sustainable agriculture</p> <p>a) Crop rotation b) Use of organic materials c) Biological control lectures</p> <p>(4) Experiments, report making and presentation</p> <p>(5) Socio-economics in vegetable production</p> <p>a) Activities of agricultural cooperatives b) Extension activities</p> <p>c) Distribution of vegetables</p> <p>(6) Problem analysis and action plan making</p> <p>Experimental methods, statistical analysis, report-making</p>	IMPLEMENTING PARTNER	Appropriate Agriculture International Co., Ltd. (AAI)	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2004~2008	
	REMARKS	<p>•Including the intensive Japanese language lessons (27.5 hours).</p> <p>•Participants will individually conduct individual experiments related to their plan mentioned in Application Report and Inception Report.</p>	


<b>Research on Veterinary Technology</b> <b>獣医技術研究</b>		GROUP  0880866
		Agricultural/Rural Development—Agricultural Development
		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to enable veterinarians who are presently engaged in research activities to play a leading role in the development of animal health technology to raise the productivity of the animal industry in their respective countries.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1. To acquire comprehensive knowledge about the present technical situation, which is necessary to carry out research in the field of animal health</li> <li>2. To learn advanced technologies required for diagnostics and preventive methods of animal diseases</li> <li>3. To learn how to analyze and interpret data obtained from research in order to compile and present a report</li> </ol>	<ol style="list-style-type: none"> <li>(1) Individuals presently engaged in the research activities on animal health.</li> <li>(2) Individuals with at least 5 years of experience in a related field</li> <li>(3) Age: 25-40 years old</li> <li>(4) University graduates or with equivalent knowledge</li> <li>(5) With veterinary</li> </ol>	
CONTENTS	PROGRAM PERIOD	Mar.24.2009~Oct.17.2009
<ol style="list-style-type: none"> <li>1. Lectures (in groups) on animal health technology and research methodology (3 weeks)</li> <li>2. Field trips to research institutes and the livestock hygiene service centers, etc. (10 days)</li> <li>3. Individual research training at the laboratory (5 months). Participants will train and conduct research on one subject selected out of the several subjects prepared by the Training Institutions. Those subjects will be described in other information about the program (General Information). Typical examples include molecular, immunohistochemical and electron microscopic diagnosis on infectious diseases of domestic animals.</li> </ol> <p>(1) Acquire comprehensive knowledge</p>	IMPLEMENTING PARTNER	NATIONAL INSTITUTE OF ANIMAL HEALTH (NIAH)
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2004~2008
	REMARKS	

<b>Low Input Agricultural Management System</b> <b>低投入型農業生産管理システム</b>		GROUP  0880900
		Agricultural/Rural Development—Agricultural Development
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To develop human resources capable of establish optimum mechanized production systems according to agricultural techniques, field environments and management scales of developing countries and who can provide guidance on low input agricultural production that exerts little burden on the environment.</p> <p>To attain the objective, participants are expected to achieve the followings:</p> <ol style="list-style-type: none"> <li>(1) To be able to explain the importance of low input agricultural management system</li> <li>(2) To understand the analytical determination method for the field environment and draw field environment maps</li> <li>(3) To make plans on introducing agricultural machinery which is suitable for each country of the participants</li> <li>(4) To make plans for the production system of low input agricultural management, which is suitable for each country of participants</li> </ol>	<p><b>【Target Organizations】</b> Ministry of Agriculture etc. that are related to guidance and dissemination of sustainable agricultural systems, crop cultivation and agricultural machinery</p> <p><b>【Target Group】</b> 1) Engineers or educators with at least 3 years of experience in the field 2) Not pregnant, because this program includes considerable field work</p>	
CONTENTS	PROGRAM PERIOD	Jul. 21. 2008 ~ Nov. 5. 2008
<p>Preparatory phase: To submit a job report with an introduction of work, problems faced in the participant's country, fields of interest and the reason.</p> <p>Program in Japan: This course consists of lectures, practical exercise, observation and discussion of the following contents.</p> <ol style="list-style-type: none"> <li>(1) General view on low input agriculture, Environmental contamination, Biomass energy</li> <li>(2) Basics of information management methods, Analysis method and measurement of field environments, basic knowledge and measuring method of meteorological factors, basics of crop growth measurement, advanced technology for field environmental measurement, management and utilization of information on field environment, Environmental conservation agriculture</li> <li>(3) Means of efficient agricultural production, field environment and agricultural production, introduction of agricultural machinery for low input control, improvement method for field environment</li> <li>(4) Utilization and effect of systems, evaluation method concerning the profitability, evaluation, improvement and environmental effect of production systems</li> <li>(5) To make a concrete action plan</li> </ol>	IMPLEMENTING PARTNER	Obihiro Univ. of Agriculture & Veterinary Medicine
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2004~2008
	REMARKS	

<b>Agricultural Infrastructure Improvement in Upland Crops Area</b> <b>畑地帯における農業基盤整備</b>		GROUP  0880903
		Agricultural/Rural Development—Agricultural Development
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
To develop human resources capable of making pertinent suggestions regarding comprehensive agricultural infrastructure improvement and rural development in their own countries. To attain the objective, participants are expected to achieve the following: (1) To be able to explain the actual situation and legal system on land improvement projects (2) To be able to utilize the theory of planning and design on land improvement projects (3) To be able to utilize the construction management technology on land improvement projects (4) To be able to make ideas of agricultural infrastructure improvement, along with the situation in the participants' countries	<b>【Target Organizations】</b> Agricultural organization relating irrigation, drainage, agricultural land improvement, disaster prevention in upland crops area. <b>【Target Group】</b> 1) Engineers with experience in surveying, planning, construction management or infrastructure management for land improvement (irrigation, drainage, agricultural land improvement, disaster prevention) in dry field farming 2) Individuals with at least 3 years of practical experience in the above-mentioned field	
CONTENTS	PROGRAM PERIOD	May 27. 2008 ~ Aug. 18. 2008
Preparatory phase: To submit a job report. Program in Japan: This course consists of the following contents. (1) Outline of agriculture in Japan: Administrative circumstances, food situation and legal system, effects of land improvement projects, Agriculture in Hokkaido and Tokachi: Organization of agricultural cooperatives, agricultural machinery, facilities for processing agricultural products, broad-based cooperation (2) Projects for the improvement of agriculture and rural areas: Rivers and road improvement, agricultural infrastructure improvement and rural development, the planning and design of land reclamation infrastructure, etc. (3) Construction work for projects: Constructing material, construction plan, safety and construction management), Project management and environmental countermeasure, New technologies related to agriculture execution: Utilization of biogas and artificial satellites, green tourism and etc. (4) To make a concrete action plan	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2004~2008
	REMARKS	

<b>Advanced Research Course on Control of Zoonosis for Food Safety</b> <b>食の安全確保のための人畜共通感染症対策</b>		GROUP  0880920
		Agricultural/Rural Development—Agricultural Development
Target Countries: Asia, Africa and Latin America		10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
To develop human resources capable of research of protozoan diseases to improve the skills and competence of participants who are primarily responsible for laying the foundation for development control measures against diseases in their respective countries.  To attain the objective, participants are expected to achieve the followings: (1) To be able to carry out basic research in vitro on particular zoonotic diseases (2) To be able to share the knowledge, skills and technologies obtained in Japan with other staff members (3) To lead actively and participate in the program for applying effective control measures, including improvement of the control strategy (4) To be able to utilize the fundamentals and progress of major protozoan diseases as well as zoonoses	<b>【Target Organizations】</b> Private or public research institutions  <b>[Target Group]</b> 1) Holders of Bachelors or Masters of Science or graduates of veterinary medicine or medical science and with more than 3 years of experience in the organization 2) Individuals engaged in research on animal or human protozoans, food-borne influenza and prion, and willing to continue the research relating to the output of the training 3) Age: Under 35 years old	
CONTENTS	PROGRAM PERIOD	Oct. 26. 2008 ~ Aug. 28. 2009
Preparatory phase: To submit a job report which includes an introduction of work, problems faced in the participant's organization, fields of particular interest and reason. Program in Japan: This course mainly covers the following themes. After lectures on common subjects, all participants are attached to a suitable research laboratory in one of the following fields in accordance with the purpose and specialty of each participant: (1) Functional genomics (2) Disease control (3) Molecular vector-arthropodology (4) Molecular diagnosis (5) Advanced preventive medicine (6) Food-borne diseases (7) Emerging and re-emerging diseases Participants will make a mid-term report and final report on the research subject in each unit  Post-Program Activities: To submit a report of output.	IMPLEMENTING PARTNER	Obihiro Univ. of Agricult. & Veterinary Medicine
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2005~2009
	REMARKS	A diploma will be awarded by the Obihiro University of Agriculture and Veterinary Medicine at the end of the course. Questionnaire about diffusion of effects of the program and execution of the Action Plan.


Plant Variety Protection 植物品種保護		GROUP  0880924	
Agricultural/Rural Development—Agricultural Policy and System			
		10 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The main objective of this program is to strengthen the implementation of the Plant Breeders' Rights system under UPOV in each country, taking into account the environment of the countries.</p> <p>To reach the objectives, participants are expected to achieve the following:</p> <p>(1) To understand the outline of plant variety protection (plant breeders' rights) system under UPOV and the Japanese System</p> <p>(2) To learn the Japanese way of examining applied plant varieties for registration of plant variety protection</p> <p>(3) To learn how to set up test guidelines used for the examination</p>	<p>(1) Staff who is engaged or supposed to be engaged in plant variety protection</p> <p>(2) University graduate or equivalent academic background</p> <p>(3) Age: 30-45 years old</p>		
CONTENTS	PROGRAM PERIOD	Aug.24.2008~Nov.8.2008	
<p>This program consists of lectures, practical exercises, study tours, presentations and discussions. It mainly covers:</p> <p>(1) Outline of the plant variety protection system (Outline of the PBR system in Japan, Outline of the UPOV system, Ordinance of PBR in the legal bases, Implementation of the PBR system in developing countries and its application for facilitating the market economy, International harmonization of the PBR system, etc.)</p> <p>(2) Examination of applied plant varieties (Outline of the DUS test, Growing test, On-site inspection, Documentary examination, Simulation of applied plant variety for PBR registration, etc.)</p> <p>(3) How to set up test guidelines (UPOV and the Japanese protocol of making test guidelines, making test guidelines based on each country's preference, etc.)</p>	IMPLEMENTING PARTNER	NATIONAL CENTER FOR SEEDS AND SEEDLINGS	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


GIS(Open Source Geographic Information Systems) Technology for Sustainable Management of Natural Resources and Agricultural Production GIS(地理情報システム)による天然資源・農産物の管理		GROUP  0880987	
Agricultural/Rural Development—Agricultural Policy and System			
		8 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>[Objective]</p> <p>To promote the dissemination of FOSS (Free and Open Source Software) GIS to participants' countries in order to facilitate its use for the management of natural resources and agricultural production.</p> <p>[Expected Results]</p> <p>To reach the objectives, participants are expected to achieve the following:</p> <p>1. To acquire basic theory and techniques of FOSS (GRASS, Mapserver and others)</p> <p>2. To obtain techniques to apply GIS through case study</p> <p>3. To learn the practical application of GIS in Japan for the sustainable management of natural resources and agricultural production</p> <p>4. To make an Action Plan to improve the management of natural resources and agricultural production by using GIS</p>	<p>[Organization]</p> <p>(1) Central or local governments in charge of policy-making for sustainable management of natural resources and/or agricultural production;</p> <p>(2) Universities and institutes of agricultural sciences</p> <p>[Group]</p> <p>(1) In a position to disseminate GIS technology</p> <p>(2) Individuals belonging to one of the organizations mentioned above with over 5 years of experience</p> <p>(3) Individuals with some experience of using GIS, but not experts</p>		
CONTENTS	PROGRAM PERIOD	Aug.18.2008~Sep.25.2008	
<p>&lt;Preparatory Phase&gt;</p> <p>Creation of a Country &amp; Job Report / Submission of a Questionnaire describing the current situation of using GIS at one's organization</p> <p>&lt;Program in Japan&gt;</p> <p>Introduction to GIS for the sustainable management of natural resources and agricultural production / Basic theory of GIS / How to manipulate the Linux-GRASS / Basic theory of Remote Sensing and its application / Spatial data sharing using Free and Open Source Software (FOSS) / Case Study / Application of GPS to GIS - GPS with GRASS / Application of GIS to the management of natural resources and agricultural production / Field Visit</p> <p>&lt;Post-Program Activities&gt;</p> <p>After the participants' return</p> <p>(1) To Report on the Action Plan to the respective supervisors and organizations</p> <p>(2) To submit a Progress Report describing the progresses and/or results in realizing the Action Plan</p>	IMPLEMENTING PARTNER	Nagoya Univ. Int'l Cooperation C. for Agric. Education	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2005~2009	
	REMARKS		



Food safety 食の安全(長期)		L/T	0881127
Agricultural/Rural Development—Agricultural Development			
		4 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> To develop human resources to contribute for solving problems of food production and safety in their country and neighboring countries throughout the process of conducting research methods and planning research work.</p> <p><b>【Outputs】</b> (1) to be able to explain basic animal and food hygiene (2) to be able to explain basic subjects (3) to be able to explain applying animal and food hygiene (4) to be able to complete thesis on research work of their country's issue based on the output of above mentioned research activities</p>	<p><b>【Target Organizations】</b> Governmental and educational research institutions in the fields of veterinary medicines and animal husbandry</p> <p><b>【Target Group】</b> (1) Teaching staffs, researchers, technicians, administrative officers who have more than five (5) years of experience in this field. (2) To be no more than forty (40) years of age</p>		
CONTENTS	PROGRAM PERIOD	Oct. 1. 2008 ~ Sep. 30. 2008	
<p>Preparatory phase: To submit a Job Report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire.</p> <p>Program in Japan: (1) Infectious disease science, food hygiene economics, animal production and food hygiene since, food hygiene, food production chemistry, analysis of animal production risk, human and animal common disease, recycle animal and food chemistry, Laboratory practice (2) Basic veterinary medicine, Food nutrition chemistry, animal food management (3) Animal and food biology, animal and food resources chemistry, animal welfare policy, Policy and regulation of hygiene. (4) Research work (5) Formulation and presentation of the Action Plan</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine, Graduate school, Faculty of Animal Husbandry	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Sustainable Rice Cultivation 稲作を中心とした環境保全型農業の確立(長期)		L/T	0881139
Agricultural/Rural Development—Agricultural Development			
		3 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> Participants acquire sustainable production techniques through guidance from professors and master thesis writing. They also expected to learn knowledge and skill of comprehensive farm management for effective practice of the above techniques. Further, leadership and technique of their parent organization is also developed through practice of action plan made by participants.</p> <p><b>【Outputs】</b> (1) To clarify problems related to the field in home country and make training plans (2) To learn environmental-friendly technology for rice cropping (3) To research utilization of the acquired expertise in home country (4) Participants will make action plan that their organization should try to put the research achievement in practice.</p>	<p><b>【Target Organizations】</b> Agricultural officials of central/local government</p> <p><b>【Target Group】</b> (1) Agricultural officials in charge of the guidance and dissemination at the field level or their manager class officials (2) Individuals with at least 5 years of work experience in this field (3) Sufficient command of spoken and written English to be able to conduct the research</p>		
CONTENTS	PROGRAM PERIOD	Mar.10.2009~Mar.31.2011	
<p>(1) Before training starts, participants should make report about problems and its solutions related to the research field in home country. Based on the report, they will make training plan after consultation with professors. (2) In order participants to acquire expertise, the training will consist of seminar, thesis research and fieldwork. Participants will select the main research theme among the field of Soil Science, Plant Pathology, Animal Ecology, Agricultural Machinery, Agricultural Economics, and Zoology (Stock-holding Agriculture). Participants can study other subject in order to carry on their research. (3) Writing of master thesis and presentation of studies. If necessary, participants can have TV meeting with their parent organization during the training in order they can practice smoothly their action plan in the country. (4) Based on the master thesis, participants will make action plan of the parent organization so as to practice and utilize the research achievement in promotion activity. After they return to the country, Yamagata University will make follow-up guidance by TV meeting or dispatch of the study team if necessary.</p>	IMPLEMENTING PARTNER	Graduate School of Agricultural Sciences (Master Course), Yamagata University	
	JICA CENTER	JICA Tohoku	
	COOPERATION PERIOD	2008~2010	
	REMARKS	This program is designed for agricultural officials to promote knowledge and techniques obtained at the field level. Thus, this program is not appropriate for researchers.	

<b>Agricultural Development and Environmental Preservation in Nile River Area</b> <b>ナイル川流域農業開発・環境保全支援(長期)</b>		L/T  0881145
Agricultural/Rural Development—Agricultural Development		
Target Countries: Countries which suffers from sever arid condition along the Nile River		3 participants / 入力不要<シ
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> This program aims at helping participants to acquire appropriate research capabilities in order to conduct sustainable and environmental-friendly agricultural and water resource developments in arid and semiarid areas in countries of the Nile River Basin. <b>【Outputs】</b> (1) To acquire basic knowledge and skills on the selected research field (2) To apply the knowledge and skills acquired at (1) in practical trainings. (3) To write a paper on the case study of the selected research field	<b>【Target Organizations】</b> Governmental body or research institute which deals with Agriculture Development (Esp. Irrigation Water Resource Development) <b>【Target Group】</b> 1) to have more than 3 years' experience in the field of Agriculture Development / Environment Protection in arid land areas. 2) to be a graduate of university in the relevant field (or completed a 16-year education in the respective country)	
CONTENTS	PROGRAM PERIOD	Oct.23.2008～Oct.2.2010
(1) Lectures / practical training on Bioproduction Science / Agricultural Environment and Forest Sciences / Agricultural Management and Information Science (2) Internship / field trip (3) Writing a master thesis	IMPLEMENTING PARTNER	Graduate school of Agriculture and of Engineering, Tottori University
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2008～2010
	REMARKS	participants will be awarded with Master's Degree in Agriculture from Tottori University upon successful completion of this program

<b>Upland Rice Variety Selection Techniques for Sub-Saharan Africa</b> <b>サブ・サハラアフリカ地域「陸稲品種選定技術」</b>		R/F  0884019
Agricultural/Rural Development—Agricultural Development		
Target Countries: Sub-Saharan Africa		9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> The objective of this program is to enable participants to evaluate varieties of upland rice including NERICA, and to select the best adapted varieties for the respective countries.  To reach the objective, participants are expected to achieve the following:  <b>【Outputs】</b> (1) To acquire fundamental knowledge in the theory and practice of cultivation and management techniques of upland rice (2) To obtain fundamental knowledge in varietal evaluation and selection in upland rice (3) To acquire fundamental knowledge in the maintenance and multiplication of the breeder's seed and basic seed paddy (4) To make an action plan for the rice varietal selection	<b>【Target Group】</b> (1) Officers of agricultural research institutes with the practical occupational experience of more than two years, or researchers at the university and/or staff of NGO who engage in development and extension activities of rice cultivation techniques with practical occupational experience of more than two years (2) Age : 25 - 50 years old	
CONTENTS	PROGRAM PERIOD	Jul.21.2008～Nov.1.2008
This program consists of three major components: lectures, experiments and field practices, and study tours. The major contents are as follows: (1) Cultivation and management techniques Physiology and plant nutrition, Rice morphology, Rice cultivation technology, Crop growth diagnostic techniques, Soil and fertilizer management, etc. (2) Varietal evaluation and selection Field techniques in varietal selection, Varietal characteristics and observation procedures, Evaluation of disease resistance, etc. (3) Maintenance and multiplication Seed production system in Japan, Preservation and maintenance of breeder's seed, Basic and Certified seed production technology, etc. (4) Field Program After the program in Japan, field program will be implemented at IRRI in the Philippines.	IMPLEMENTING PARTNER	JICA Tsukuba, IRRI (International Rice Research Institute)
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2006～2008
	REMARKS	Through this course, JICA hopes to foster participants who can contribute toward promoting upland rice cultivation including NERICA in their countries.

Target Countries: Asia and Africa

7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To develop human resources capable of solving the problems efficiently in the agricultural areas in Asia and Africa by acquiring effective methods of agricultural extension and cultivation techniques.</p> <p><b>【Outputs】</b> (1) To be able to explain about efficient crop cultivation management and techniques (2) To be able to explain about efficient methods and systems for extension service (3) To sort out regional issues on crop cultivation promotion in their countries, and to be able to formulate solutions through planning implementation methods for technology dissemination</p>	<p><b>【Target Organizations】</b> Organization which are instructing farm households directly about upland cereal crops (mainly wheat, potatoes and beans). Excluding both researchers of universities and administrative officers</p> <p><b>【Target Group】</b> (1) Technical staff who are instructing farm households directly and will be able to provide technical support and guidance after returning home (2) Individuals with more than three(3) years of experience in this field and not be a pregnant because the program includes field works</p>	
CONTENTS	PROGRAM PERIOD	Jun. 1. 2008 ~ Jul. 30. 2008
<p>Preparatory phase: Submit the job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire.</p> <p>Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics.</p> <p>(1) Crop cultivation management (simple soil analysis, water saving and irrigation techniques, organic production), agricultural machinery, farm stay program (2) Cooperation with academic organizations and experimental research institutes, present condition of agricultural extension service, system of agricultural cooperatives and agricultural aid, women's activities in rural areas (3) Topic classification (method of project cycle management), workshop of solving problems (discussion among participants), guidance and discussion on action plan formulation (4) Formulation and presentation of the action plan</p>	<b>IMPLEMENTING PARTNER</b>	Agricultural technology center of Obihiro city, Obihiro city public corporation for agriculture promotion
	<b>JICA CENTER</b>	JICA Obihiro
	<b>COOPERATION PERIOD</b>	2007~2009
	<b>REMARKS</b>	Implement monitoring by questionnaire about diffusion and effects of the program after returning.


Target Countries: Africa

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To develop human resources capable of repair and develop agricultural machines which are fit for cultivation method applying materials, parts and implements in participants' countries through understanding of principles of mechanism</p> <p><b>【Outputs】</b> (1) To understand the efficient introduction and method of diffusion on agricultural mechanization and service system in rural area (2) To acquire mechanism and improvement, and repair techniques of agricultural machinery and countermeasures to its troubles and method of testing and evaluation for agricultural machinery (3) To lean improvement techniques for agricultural machines which fit for cultivated method to each country for efficient agricultural production</p>	<p><b>【Target Organizations】</b> ① Ministry of Agriculture (department of diffusion of agricultural machines, agricultural experiment station, agricultural cooperatives) ② Universities/research institutes, etc.</p> <p><b>【Target Group】</b> Technicians and researchers for agricultural machines for upland crops area, such as agricultural extension officers with more than three years experience</p>	
CONTENTS	PROGRAM PERIOD	Jan. 6. 2009 ~ Mar. 5. 2009
<p>Preparatory phase: Submit the job report which includes an introduction of work, problems faced in the participant's country: detail information on agricultural machines which should be improved, and particular interest and reason.</p> <p>Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics.</p> <p>(1) Theory of agricultural machinery, Service system for agricultural machines, diffusion of techniques for machine maintenance, inspection and service to farmers (2) Basic techniques of agricultural machinery, Repair, service and modification techniques, Method of testing and evaluation for agricultural machinery, Safety measures and working condition (3) Improvement techniques of agricultural machines, Machinery design method (guidance for making plans of developed machines and drawing up instruction/operating manual) (4) Formulation and presentation of the action plan</p>	<b>IMPLEMENTING PARTNER</b>	Obihiro University of Agriculture and Veterinary Medicine /Tokachi Industry Promotion Center
	<b>JICA CENTER</b>	JICA Obihiro
	<b>COOPERATION PERIOD</b>	2007~2009
	<b>REMARKS</b>	Implement monitoring by questionnaire about diffusion and effects of the program after returning.

<b>Planning and Designing of Agricultural Statistics for Agricultural Policy Making</b> <b>農業政策立案のための農業統計企画・設計</b>		GROUP 	0880046
Agricultural/Rural Development—Agricultural Policy and System			
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>At the end of the program, the participants are expected to achieve the followings;</p> <p>Agricultural policy and food supply–demand planning based on agricultural statistics will be prepared and arranged at participant’s organization.</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>(1) To improve the ability in agricultural policy making and food supply–demand planning towards sustainable agricultural production,  (2) To enhance further understanding of the necessity to improve agricultural statistics for agricultural policy making and food supply–demand planning,  (3) To consolidate knowledge on the methods of planning, designing and implementing agricultural census and sample survey suitable to respective country,  (4) To acquire knowledge of the quick–working and effective means of implementing statistical survey utilizing new technologies, and  (5) To obtain know–how to prepare the action plan for agricultural policy making and food supply–demand planning utilizing agricultural statistics.</p>	<p><b>【Target Organizations】</b>  Agricultural administration agencies of the central government (ex. Ministry of Agriculture, etc.) which has Department / Bureau responsible for agricultural statistics or agricultural policy making and/or food supply–demand planning.</p> <p><b>【Target Group】</b>  ①Officers who are statistics specialist, or holding the position of deputy (assistant to) head of policy making or statistics division.  ②have more than 5 year’s experience working in the central governmental agencies or other related organizations.  ③be able to operate the personal computer and software (cf. Word, Excel, PowerPoint, etc.) up to a certain level.</p>		
CONTENTS	PROGRAM PERIOD	Jul.22.2008～Sep.6.2008	
<p>(1) Preliminary Phase in a participant’s home country (by participating country side)  Making “Inception Report” to list up related issues confronting the organization the participant is affiliated to and share the views with colleagues. The Report should be including;  ①To clarify, analyze and recognize the CONTEXT to agricultural policy making and planning based on agricultural statistics by use of the concept of Capacity Assessment  ②General situation on agricultural policy making and implementation, and on agricultural statistics, etc.  (2) Core Phase in Japan  ①to improve the ability in agricultural policy making and food supply–demand planning towards sustainable agricultural production.  ② to enhance further understanding of the necessity to improve agricultural statistics for agricultural policy making and food supply–demand planning.  ③To consolidate knowledge on the methods of planning, designing and implementing agricultural census and sample survey suitable to respective country.  ④to acquire knowledge of the quick–working and effective means of implementing statistical survey utilizing new technologies.  ⑤to obtain know–how to prepare the action plan for agricultural policy making and food supply–demand planning utilizing agricultural statistics.  (3) Finalization Phase in a participant’s home country (by participating country side)  ① To hold workshop on agricultural statistics as well as agricultural policy making and food supply–demand planning using knowledge and experiences in Japan, by ownership of participating organization.  ② Approved by participant’s organization of Action Plan  ③ Participant implement the activities based on the approved Action Plan.  ④ Participants make and submit the “Progress Report” on situation of implementation of Action Plan, ⑤ Participants make and submit the “Final Report” on results of implementation of Action Plan.</p>	IMPLEMENTING PARTNER	Food Marketing Research and Information Center	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Farm machinery and tools developed by participants during the training will be disseminated to small-scale farmers. To reach the objective, participants are expected to achieve the following:</p> <p>1.                      (1) To clarify the problems on using farm machinery in their respective rural areas                      (2) To learn the methods of design manufacturing, and evaluation of performance                      (3) To manufacture appropriate machinery and tools.                      (4) To formulate an interim report (action plan) to solve the problems in their respective rural areas</p> <p>2. After returning to their home countries, participants will manufacture and disseminate the appropriate machinery prior to the review of the interim report.</p>	<p>(1) Leaders of farmers' groups, technicians for farm machinery production in rural areas, agricultural extension workers, government officers, researchers, and instructors in rural development                      (2) Organize a workshop for producing farm machinery                      (3) Expect to continue the rural development after the training                      (4) University graduates or equivalent                      (5) Age: 25-45 years old</p>	
CONTENTS	PROGRAM PERIOD	Feb.8.2009~Oct.17.2009
<p>Preparatory phase                      Create an inception report of their study describing the following items in the rural area:                      (1) The problems on using farm machinery in their own workplace and/or the rural area of their responsibility                      (2) Tentative analysis for solving identified issues (from the viewpoint of agricultural productivity and reduction of workload for women &amp; youth labor)                      (3) Availability of facilities for farm machinery production such as machine tools, materials, workshop and relevant conditions</p> <p>Program in Japan                      (1) Analyze the problems of farm machinery utilization                      (2) Fabricate farm machinery and tools                      (3) Interim report (action plan) description</p> <p>After participants' return                      (1) The actions described in the interim report are reviewed, authorized and implemented.                      (2) The results of the actions taken by the organization and the program participant are reported as a final report 6 months after return.</p> <p>Lectures:                      Rural development, extension method of agricultural techniques, mechanization planning, mechanisms and operation of farm machinery in Japan, introduction of appropriate mechanization, designing of tools, etc.                      Practice:                      Rice production systems, manufacturing, testing &amp; evaluation for farm machinery                      Observations:                      Manufacturers &amp; farm machinery</p>	<p><b>IMPLEMENTING PARTNER</b>                      TSUKUBA INTERNATIONAL CENTRE, JICA</p> <p><b>JICA CENTER</b>                      JICA Tsukuba</p> <p><b>COOPERATION PERIOD</b>                      2005~2009</p>	<p><b>REMARKS</b>                      JICA will implement a survey on the activities undertaken by participants. Reports sent by participants are considered as final reports.</p>

Integrated Agriculture and Rural Development Through the Participation of Local Farmers 農民参加による農業農村開発		GROUP  0880211
		Agricultural/Rural Development—Rural Development
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to acquire "Participatory Rural Development methods" in addition to "Rural development planning methods" and "Management methods of farmers organizations", so as to be able to formulate rural development plans taking into consideration the local farmers' needs of in the participants' responsible area.</p> <p>To reach the objective, participants are expected to achieve the following outputs:</p> <p>(1) To make job reports through a preliminary activity.</p> <p>(2) To learn the following methods through the training in Japan:</p> <p>(A) To be able to sum up local farmers' opinions, and to set up appropriate tasks and targets to establish rural-area development plans for the responsible.</p> <p>(B) To learn rural development planning methods in Japan's local administrative organizations, and become able to adapt such methods to their responsible areas.</p> <p>(C) Become able to establish farmers' organization support policies in the responsible areas, through learning management methods of farmers' organizations in Japan.</p> <p>(3) During the training course in Japan, make an action plan which will be the guideline for the future activities after returning to participants' respective countries.</p>	<p>(1) Individuals nominated by their government.</p> <p>(2) Individuals in central or local government in the field of rural agricultural development with more than 5 years of experience.</p> <p>(3) Under 50 (fifty) years of age;</p> <p>(4) University graduates or equivalent;</p> <p>(5) Proficient in speaking and writing English.</p> <p>(6) Individuals in good health, physically and also mentally, to undergo the course of training.</p> <p>(7) Individuals able to submit monitoring reports regarding the progress of Action Plans, to an overseas Japanese Embassy or to JICA Tsukuba through a JICA overseas office, one year after returning home.</p>	
CONTENTS	PROGRAM PERIOD	Nov.16.2008~Dec.20.2008
<p>(A) To learn participatory rural development methods Participatory rural development and gender/Rural restoration process after the War/Introduction of overseas participatory development examples/PCM Workshop</p> <p>(B) To learn rural planning methods Rural planning methods/Agricultural and rural development in Japan/Rural social and economical surveys/Enterprises/systems and planning in local municipalities</p> <p>(C) To learn methods of making farmer's organization Agricultural cooperatives organization/Activities of agri. cooperatives/Organizing farmers/Activities of livelihood improvement groups and entrepreneurs' groups/Roles of farmers' organizations (water-users' associations)</p> <p>(D) To make reports, action plan, etc. Job report presentation Meeting/Homestay at farmhouses/Action plan presentation</p>	IMPLEMENTING PARTNER	suspense
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2006~2010
	REMARKS	


Target Countries: Countries with a meat cattle industry

7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this program is to provide participants with basic knowledge and practical techniques coupled with the latest information on cattle production, related improvement technology, semen production, artificial insemination, genetic improvement method, extension system, and artificial insemination planning and thus to assist them in designing their own systems in their respective countries.</p> <p>Through the training program, participants are expected:</p> <ol style="list-style-type: none"> <li>1. To gain thorough understandings of extension system of cattle AI to be able to plan and design the extension systems in the respective countries,</li> <li>2. To understand the reproduction of female cattle to be able to practice the AI and the pregnancy diagnosis,</li> <li>3. To understand the feeding management of female cattle to apply the acquired knowledge to the improvement of reproduction,</li> <li>4. To understand the dilution and freezing of cattle semen to be able to practice the process from semen collection to semen freezing, and</li> <li>5. To understand the theories of genetic improvement in cattle to be able to set up targets for the improvement in the respective countries.</li> </ol>	<p>Be engaged in administration, research and/or extension works in the livestock industry, holding a veterinarian's license or artificial inseminator's license.</p> <p>University graduate or equivalent academic background and practical experience.</p> <p>Under 40 years old in principle.</p>	
CONTENTS	PROGRAM PERIOD	May.20.2008~Aug.16.2008
<p>The program will consist mainly of lectures and practical training, in which the NLBC staff and visiting professionals will provide expertise and instruction on the respective subjects. This will be supplemented by observational trips to related agencies and institutions. The major subjects are as follows:</p> <ol style="list-style-type: none"> <li>(1) Outline of the livestock industry</li> <li>(2) Technical extension</li> <li>(3) Reproductive physiology/reproduction management</li> <li>(4) Artificial insemination/pregnancy diagnosis method</li> <li>(5) Breeding management/improvement of reproduction</li> <li>(6) Semen production technology</li> <li>(7) Genetic improvement</li> </ol>	IMPLEMENTING PARTNER	NATIONAL LIVESTOCK BREEDING CENTER
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2006~2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Researcher who are in charge of Conservation and Sustainable Use of Plant Genetic Resources become to prepare Action Plans of technical transfer to their own job and their organization.</p> <p><b>【Outputs】</b> (1) A well summarized report to explain the present status of the countries and their institutes (2) A report compiled to explain the conservation of plant genetic resources the activities of the countries (3) Capacity building on integrated knowledge and technology concerning plant genetic resources research fields (4) Acquisition of research capacity on plant genetic resources research through implementation and data analysis of individual experiments (5) A proposal to transfer and use obtained knowledge and experimental techniques after going back to their countries</p>	<p>Applicants should:</p> <p>(1) be university graduates or equivalents, MSc holder preferable but non Ph. D. holders, (2) be presently engaged in research work in the field of plant genetic resources with more than 3 years of experience, (3) be over 25 and under 40 years of age, (4) have a sufficient command of spoken and written English to be able to conduct research</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.7.2008~Nov.1.2008</p>
<p>(1) Trainees are requested to compile an inception report on the present situation on the plant genetic resources, problems to be solved, and research capacity of the countries and especially of their affiliated institutes. (2) Trainees are requested to understand prevailing international situation on plant genetic resources and the present status of their countries. (3) Trainees have to acquire necessary knowledge and technology for exploration, conservation, information management, evaluation and utilization of plant genetic resources in relation with crop breeding. (4) Trainees should acquire necessary experimental techniques and research capability by making plans, implementation and data analysis of individual investigation of topics on plant genetic resources. (5) Trainees should make a proposal to transfer knowledge and experimental methodology obtained to their affiliated institutes and other institutes in their countries.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>National Institute of Agrobiological Sciences (NIAS)</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	




Rice Cultivation Techniques Development 稲作技術開発		GROUP  0880771
		Agricultural/Rural Development—Agricultural Development
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Through acquisition of research methods on rice cultivation corresponding to farm level needs, implementation of specific research activities authorized by respective organization, the participants will be strengthened on research techniques, and make action plan,.</p> <p><b>【Outputs】</b> (1) Participants can analyse problems and challenges on respective research station. (2) Participants acquire research methods on rice cultivation, and can present research methods relevant to respective countries. (3) Participants will implement specific research on rice cultivation corresponding to the needs of target area. (4) Participants will submit the technical report. (5) Participants will submit the action plan.</p>	<p><b>【Target Organizations】</b> Administrative Body, Research and Experiment Station, Extension Center, etc.</p> <p><b>【Target Group】</b> 1) Presently engaging in research work or education in the field of rice. 2) University graduates or with equivalent background 3) Age: 28-40 years old, and with at least 3 years of experience in the above fields.</p>	
CONTENTS	PROGRAM PERIOD	Feb.8.2009~Nov.14.2009
<p>(1) Inception report making and presentation (2) Basic techniques on rice cultivation Research methods Role of research station for extension</p> <p>(3) Experiment method Investigation method Data analysis method</p> <p>(4) Technical report making and presentation</p> <p>(5) Participatory planing and evaluation Action plan making and presentation</p>	IMPLEMENTING PARTNER	JICA TSUKUBA
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008~2010
	REMARKS	

Target Countries: Country which needs to improve food security and quality.

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To increase the level of inspector's skills and develop the human resources with leadership role in this field by introducing Japan's system of inspection to laboratory inspectors.</p> <p><b>【Outputs】</b> (1)(1) To share information about each countries' current situation and problems through presentation of country reports and following discussion. (2)(2) To understand the feature of foodborne bacteria causes a food contamination and the latest inspection method. (3)(3) To understand the theory and practice of GLP (Good Laboratory Practice). (4)(4) To understand simple and fast inspection method of foodborne bacteria, quality management technology in the food engineering process such as HACCP System. (5)(5) To make action plans about how to utilize their obtained knowledge in their own countries at the end of the course.</p>	<p><b>【Target Organizations】</b> Food inspection agencies in developing countries <b>【Target Group】</b> Researcher or technical officers presently engaged in food microbial inspection in laboratory. Inspectors engaged only in sampling are not suitable for this course.</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.2.2009~May.2.2009</p>
<p>(1) Presentation of country reports and following discussion. (2) •Lectures about food poisoning bacteria and practical training of inspection method •Lectures about Japanese Food Sanitation Law and current condition of food poisoning in Japan •Practical training of food poisoning bacteria inspection and measurement of indication bacteria •Measurement and identification of fungus •Inspection of Norovirus and Protozoa (3) •Practical training of inspection at public inspection agency such as quarantine station.  (4) •Lectures and practical training of simple and fast inspection method of foodborne bacteria •Basic technical training of disinfect, sterilization and culture media •Lectures about specification and HACCP of livestock and marine food product •Visit to the food manufacture facility with HACCP (5) •Making up action plans and prepare to present them •Presentation of action plans and following discussion.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Kobe Pharmaceutical University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	<p>Japan imports a lot of foods from this country and it needs to improve food security and quality, or take measures against foodborne bacteria.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Our programs should help trainees learn and acquire principal knowledge of IPM for Plant Protection and recent technological advances for efficient practice of IPM, which leads to better understanding of international and global aspects for safe and sufficient food production and environment protection.</p> <p><b>【Outputs】</b> (1) Explaining the background, theoretica basis and practices of the Integrated Pest Manamement (IPM), for its wide spread in plant protection. (2) Understanding plant pathogens and IPM, enough for practical local instruction. (3) Understanding plant insects and IPM, enough for practical local instruction. (4) Understanding weeds and IPM, enough for practical local instruction. (5) Understanding chemical control and the application of advanced biological technology in IPM, for local instruction and explanation.</p>	<p><b>【Target Organizations】</b> State or Local Government and University</p> <p><b>【Target Group】</b> Technical officers in central, local government or university who are in charge of plant protection</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.26.2008～Sep.6.2008</p>
<p>(1) Lectures on the theory and application of Integrated Pest Management to control plant pests; visiting institutes of advanced researches; feld practices at applied experimental stations. (2) Discussion on infection mechanism and control of plant pathogens; laboratory practices in the identification, innoculation experiments, and genetic analyses of resistance. (3) Discussion on forecasting and control of pest insects, including biological control: laboratory and field practices in the insect rearing, insect population estimation, propagation of natural enemies, and genetic analyses of resistance. (4) Discussion on theory and practice of weed control; laboratory practices in the chemical and ecological control of weeds. (5) Discusssion on chemical control and advanced biological technology, including GMO, for pest management; laboratory practices in the synthesis and bioassey of bioactive substances.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Graduate School of Agricultural Science, Kobe University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

<b>Thermal treatment for the disinfection of fruit flies</b> <b>ミバ工類温度処理殺虫技術</b>		GROUP 	0880824
Target Countries: Presence of economically damage fruit flies in the country		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b>            Plant quarantine technicians in countries infested with fruit flies acquire quarantine treatment techniques suited to their conditions.</p> <p><b>【Outputs】</b> (1) Participants can explain how to rear fruit flies in laboratories and how to make infested fruits for the disinfection test. (2) Participants can explain the procedures of a series of thermal disinfection test and the methods of experimental data analysis, after actually conducting these trials in the heat treatment and the cold treatment. (3) Participants can explain the procedures of a series of fruit heat or chilling injury test and the methods of experimental data analysis, after actually conducting these trials. (4) Participants can explain the fruit fly eradication program and the control of fruit flies, Japanese distribution system for imported agricultural commodities and the plant quarantine system in the participant's countries and Japan, after getting information about them. (5) Participants can explain about the problems of fruit flies, and can make an action plan for them.</p>	<p><b>【Target Organizations】</b>            Plant quarantine organization</p> <p><b>【Target Group】</b> Plant quarantine technicians, inspectors and administrative officials engaged in plant protection in central/local governments.</p>		
CONTENTS	PROGRAM PERIOD	May.13.2008~Sep.6.2008	
<p>1.Preliminary Phase in a participant's home country            (1)Analysis current issues in plant quarantine in participants' jurisdictional areas and their organizations            (2)Formulation and submission of Job Report to JICA together with Application Form</p> <p>2.Core Phase (activities in Japan)            (1)Lectures concerning biology of fruit flies, and lectures and practices concerning the methods of fruit fly rearing.            (2)Lectures and practices in the methods of fruit flies disinfection by thermal treatment.            (3)Lectures and practices concerning fruit injury by thermal treatment.            (4)Lectures and observations concerning the plant quarantine system, the pest control, the distribution system of agricultural product in Japan, and presentations and discussions of the country report by participants            (5)Presentations and discussions of results of the training, and the making of a final report and an action plan.</p> <p>3.Finalization Phase (activities in home country)            Application and implementation of the action plan back in the participants' countries and submission of their progress report to JICA within six (6) months after the end of the phase in Japan</p>	IMPLEMENTING PARTNER	Naha plant protection station, MAFF	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Expectations for the Participants: be related with JICA programs in this field will be preferable	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      The program point is dissemination of the knowledge and technology for poultry industrial promotion suitable for the area condition and therefore supervision, lead and advice of the administrative officer or the technical expert of the educational institution at the national or the regional level are necessary.</p> <p><b>【Outputs】</b>                      (1) No1                      To understand Feeding Management in poultry, and to be able to conduct and disseminate poultry management suitable for the area condition and poultry performance.                      (2) No2                      To understand Reproduction and Breeding in poultry, and to be able to apply the result to breeding and multiplication of breeds suitable for the area condition.                      (3) No3                      To understand Nutrition and Feed, and to be able to apply the result to designing feed                      (4) No4                      To understand Health control measures in poultry, especially basic disease control concerning avian flu, and to be able to conduct and disseminate proper prevention of disease for the environmental condition.                      (5) No5                      To understand comprehensive knowledge and skills on poultry farming, and to be able to plan poultry industry development policy suitable for the area condition.</p>	<p><b>【Target Organizations】</b>                      administrative organ, technical extension organ and research and educational institute  <b>【Target Group】</b></p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.26.2008～Nov.30.2008</p>
<p>(1) •Lecture on: 1) metabolism and feeding management for improving growth and egg productivity, 2) growth of the embryo. Practice on egg candling, observation of hatching, selection of normal chicks and calculation of hatching rate, 3) rearing chick management and chick sexing (incl. practice), 4) manure fermentation and utilization and visit to related institute, 5) transition, current situation and future prospect of facilities for poultry production and visit to relate to facilities and institutions.                      (2) •Lecture and practice on reproductive physiology. • Practice on semen collection and artificial insemination. • Lecture on the history of poultry domestication in Japan and basic theory of genetic improvement.                      (3) •Lecture on: 1) outline of poultry nutrition, 2) nutritional characteristics of common feed and the ones which are used in the developing countries, 3) theoretical feed designing method (incl. practice), 4) utilization of byproducts to livestock feed and visit to related facility.                      •Practice on proximate analysis method of feed ingredients.                      (4) •Lecture and practice on epidemic prevention (disinfecting method of poultry houses and equipment, the type of vaccines and their applying methods, diagnostic method of major infectious disease, quarantine of imported animal). Visit to related institutions. • Lecture on health control measures based on the lecturer's experience in developing countries. • Lecture and practice on symptoms, diagnoses and autopsied findings of major infectious disease especially focus on avian flu. • Explanation on the outbreak of avian flu in Japan (Yamaguchi, Okayama and Kyoto pref.) and the measure of the government. • Lecture on zoonotic infection and its preventive measures.                      (5)• Lecture and practical training on basic knowledge of rural development. • Lecture on dissemination condition of all the country of the world. • Lecture on promoting indigenous breed chicken production and rural revitalization. Visit to related organizations. • Making, presentation and discussion about Action Plan by every participant. • Lecture and practice on PCM (Project Cycle Management) method. • Lecture on marketing of eggs and chicken. Visit to related organizations and institutions.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>National Livestock Breeding Station Incorporated Administrative Agency</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Nihonmatsu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will write and propose Action Plans to introduce animal food hazard reduction measures including HACCP in their organizations.</p> <p>To reach the objective, participants are expected to achieve the following:                      (1)To understand the systems of food safety administration in Japan                      (2)To understand food inspection methods of the international standard.                      (3)To understand theories and techniques of hygiene control for livestock food products at the production, proceeding and distribution stages.                      (4)To formulate Action Plans to utilize/introduce food hazard reduction measures including HACCP.</p>	<p>(1) This program is designed for examiners and inspectors concerned with production, processing and distribution of food, especially of animal food, at central or local government organizations, or those who are engaged in epidemiology at universities.                      (2) University graduates                      (3) Over 25 and under 45 years of age</p>	
CONTENTS	PROGRAM PERIOD	Jul.29.2008~Sep.20.2008
<p>&lt; Preparatory phase &gt; Formulation of Country Report                      &lt; Phase in Japan &gt;</p> <p><b>Lectures:</b>                      Outline of food sanitation (hygiene control, safety measures against food poisoning), Food production (meat processing, HACCP), Distribution system, etc.</p> <p><b>Practical exercises:</b>                      Meat/dairy production, Detection of bacterium, Introduction of HACCP, etc.</p> <p><b>Observation:</b>                      Meat production, Dairy production, Large-scale dairy farm, Wholesale market, etc.</p> <p><b>Others:</b> Country Report, Action Plan, Discussion                      &lt; Finalization Phase &gt;                      Application and implementation of the Action Plan back in the participant's home country. Submission of the final report describing the progress of implementing the Action Plan.</p>	IMPLEMENTING PARTNER	RAKUNO GAKUEN UNIVERSITY
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2005~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to develop the capacity of irrigation and drainage engineers to carry out agricultural infrastructure improvement projects from study to implementation with consideration of their application, participation, sustainability and environmental conservation for rural development in the participants' own regions. To reach the objective, participants are expected to achieve the following:</p> <p>(1) To learn basic and applied technologies required to investigate, design, construct, operate and maintain facilities related to irrigation and drainage projects                      (2) To learn the applicable methodology of irrigation and drainage technology for agricultural and rural development from diverse points of view                      (3) To learn the relevant technology and knowledge for sustainable agricultural and rural development in consideration of environmental conservation                      (4) To improve problem-solving ability, and acquire integrated irrigation and drainage technology related to their own working environment                      (5) To develop the ability to resolve problems in their own working environment and to realize them as action plans</p>	<p>(1) Individuals presently engaged in actual irrigation and drainage works                      (2) University graduates or equivalent with at least 5 years of experience in their specialties                      (3) Age: over 25 and under 35 years old</p>	
CONTENTS	PROGRAM PERIOD	Feb.8.2009~Nov.14.2009
<p>The following subjects are addressed throughout lectures, discussions, experiments, practical exercises, workshops and field visits:</p> <p>(1) Agricultural infrastructure improvement                      (2) Agricultural land conservation and agricultural infrastructure maintenance                      (3) Rural development, irrigation and drainage technology</p> <p>The program includes making technical reports in consideration of appropriate technologies in these fields as well as action plans to clarify and take countermeasures against existing problems.</p>	IMPLEMENTING PARTNER	Agricultural Development Consultants Association
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2005~2009
	REMARKS	

<b>Agricultural Extension Planning and Management</b> <b>農業普及企画管理者</b>		GROUP 	0880926
		Agricultural/Rural Development—Agricultural Policy and System	
		11 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> The capacities of the participants to promote the agricultural extension service in their own countries by planning efficient extension programs and implementing the training programs for agricultural extension officials as well as field workers are developed.</p> <p>To reach the objective, participants are expected to :</p> <p><b>【Outputs】</b> 1. Write a INCEPTION REPORT by identifying and analyzing the problems as individual, as institutional and in the responsible region 2. Acquire following methodologies through lectures, discussions or observations: (a) the outline and principles of extension service (its structure, background, process behind agricultural improvement and status of administration &amp; management of extension services in Japan), (b) the methods of progress management and evaluation of extension services, (c) the methods of extension planning, management and making of extension programs, (d) the method of training for extension personnel, (e) the method to identify problems and tasks by analyzing the state of extension services in their own countries 3. Make an action plan integrating the knowledge and experiences gained from the training program</p>	<p><b>【Target group】</b> (1) Public management executives in charge of agricultural extension service in national or local government including extension offices (2) Management executives concerned with the education of workers in training organizations (3) Under 50 years old and a university graduate or with equivalent academic background</p>		
CONTENTS	PROGRAM PERIOD	July.8.2008～Sep.12.2008	
<p>The following subjects are included in lectures, discussions and observation tours (1) Background of Extension Programs , Outline of Agricultural Improvement and Extension Programs (2) Principles and Methods of Extension Activities, Various Extension Methods and classification, Evaluation Method of Extension Activities (3) Extension Planning, Extension Management, Making Extension Programs (4) Management of Extension Staff, Outline of Extension Staff and Planning of Training (5) Application of the Training in Participants' Own Countries</p>	IMPLEMENTING PARTNER	Japan Agricultural Development And Extension Association	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2005～2009	
	REMARKS		



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants are supposed to revise and conduct practical Action Plans to promote the movement of organizing agricultural cooperatives, to strengthen their operational and managerial capacities, and/or to incorporate the activities of agricultural cooperatives into agricultural policies to activate rural economy.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To learn how to establish the basis of or to strengthen agricultural cooperatives</p> <p>(2) To learn how to improve the business activities of agricultural cooperatives by understanding the main business systems of Japanese agricultural cooperatives</p> <p>(3) To study the activities to be conducted by agricultural cooperatives for revitalizing rural economies</p> <p>(4) To learn how to improve the policy for promotion of agriculture and agricultural cooperatives</p> <p>(5) To make an action plan or policy to promote agricultural cooperatives by using a methods such as PDM</p>	<p>(1) University or professional school graduates currently capable of managing projects at the offices of cooperative service</p> <p>(2) Expected to work in the cooperative movement for at least 5 years after attending the program</p> <p>(3) Age: Under 45 years old</p>	
CONTENTS	PROGRAM PERIOD	May.6.2008~Jul.12.2008
<p>This program consists mainly of lectures and discussions with more than 30% of its program being allocated to field trips. The main topics covered are:</p> <p>1) History and development of agriculture and agricultural cooperatives</p> <p>2) Organizations and business activities of agricultural cooperatives</p> <p>3) Distribution of Agricultural Products and Purchasing and Marketing Businesses</p> <p>4) Credit business of Agricultural Cooperative</p> <p>5) The Role and Activities of Rural Women, Promotion of rural industry by agricultural cooperatives</p> <p>6) Farm guidance by agricultural cooperatives</p> <p>7) Formulation of policy and plans related to agriculture and agricultural cooperatives</p> <p>8) PCM method for making the Action Plan</p>	IMPLEMENTING PARTNER	THE INST.FOR THE DEV'T OF AGRICULT'L COOP. IN ASIA
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2005~2009
	REMARKS	


Distribution of Fresh Fruits and Vegetables (focused on wholesale markets) 生鮮食料品流通(青果物)		GROUP 	0880990
Target Countries: Chile, Honduras, Indonesia and Vietnam		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>(Objectives) Leading government officials who will be able to implement countermeasures to solve current distribution problems in the field of fresh fruits and vegetables will be fostered.</p> <p>(Outputs) 1. Understand the current problems of your own countries. 2. Understand: - distribution system for fresh fruits and vegetables in Japan. - development process, mechanism and present situation of central wholesale market in Japan 3. Understand: - production and shipment in producing districts in Japan - imports and retail sales/processing in consumer markets in Japan 4. Prepare Action Plan</p>	<p><b>【Target Organizations】</b> Governmental organization in charge of food distribution.</p> <p><b>【Target Group】</b> 1. Administrators who are in charge of the implementation of modernization measures for wholesale markets or the distribution of fresh fruits and vegetables, with practical experience of at least 5 years, (The program of this training course is focused on the wholesale market system and distribution through wholesale markets.) 2. Individuals with a sufficient command of spoken and written English. 3. Individuals with a basic computer skills good enough to handle software such as Word, Excel and Power Point.</p>		
CONTENTS	PROGRAM PERIOD	Aug. 18. 2008~Oct. 23. 2008	
<p>(Programs in Japan) 1. Analyze the problems of your own countries by PCM (Project Cycle Management) method, then Country Report presentation is conducted to enhance information sharing and discussion so as to find some possible solutions. 2. Understand the following points through lectures, observations and discussion. -distribution system for fresh fruits and vegetables, -history, mechanism, function and management of central wholesale market in Japan 3. Understand the following points through lectures, observations and discussion. - cultivation and shipment in producing districts - imports situation - food processing and packaging technology - retail sales in consumer markets 4. Prepare action plan which is to be implemented after returning home countries. (Post project phase) •Sharing action plan among participant's organization and making progress report of action plan by participant's organization.</p>	IMPLEMENTING PARTNER	THE OSAKA MUNICIPAL CENTRAL WHOLESALE MARKET	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005~2009	
	REMARKS	The topic of this program is carried out with "Fresh fruits and vegetables" and "Fisheries products" every other year. FY 2008 is "Fresh fruits and vegetables".	

Target Countries: Myanmar

1 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      A required ability and capacity building for the young scientist in the NARS, universities and colleges, and JICA projects with the regional projects, etc. to develop project management for their reconstruction assistance will be improved.</p> <p><b>【Outputs】</b>                      (1)By acquiring the latest Plant Metabolomics Research Technology and applying on available plant resources, the basic data of plants medically effective to infectious disease will be collected                      (2)Practicing techniques required in their sustainable agriculture production, basic theories of the agriculture and science research that are increased in the livelihood, conservation and utilization of the plant.                      (3)The ability of their capacity for the plan making and management, execution of their reconstruction assistance will be acquired through their study of scientific research making the masters' thesis.</p>	<p><b>【Target Organizations】</b>                      National Agriculture Research Systems, Universities, and JICA projects</p> <p><b>【Target Group】</b></p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Mar.1.2009~Mar.31.2011</p>
<p>(1) Genome system science, Life nano-system science, English presentation techniques, Practices of genomics, Genetic resource science, Application genomics, Genomics for the marginal land, Bio-product science, Biochemical science for environmental system, Generation system control science, Molecular cell network.                      (2) Plant genetic resources science, Plant application genome science</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Kihara Institute for Biological Research, Yokohama City University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Yokohama</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	


Rural Development for Small-Scale Farmers Through the Agricultural Cooperatives		R/F	0884002
Activity in Asia 農業協同組合活動を通じた農村振興(アジア地域)		Agricultural/Rural Development—Agricultural Policy and System	
Target Countries: Asia		12 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> To implement the effective activities of Agricultural Cooperatives for the development of rural areas.</p> <p><b>【Outputs】</b> 1. Understand the current situations and obstacles of Agricultural Cooperatives in their countries in comparison with those in Japan 2. Understand the criteria for agricultural cooperatives management and human resource development for sound management 3. Understand the roles of Agricultural Cooperatives in rural development 4. Formulate an action-plan in order to strengthen their Agricultural Cooperatives and promote rural development in their countries</p>	<p><b>【Target Organization】</b> Agricultural Cooperatives and those supervising organizations</p> <p><b>【Target Group】</b> 1. University graduates or equivalent 2. Those who satisfy at least one of the requirements below: (1) Management of Agricultural Cooperatives (2) Officer who belongs to the organization of supervising Agricultural Cooperatives and who are also in charge of supporting, managing and supervising Agricultural Cooperatives, (3) Supervisor on institutional banking in Agricultural Cooperatives</p>		
CONTENTS	PROGRAM PERIOD	Sep.2.2008～Nov.26.2008	
<p>1.Preliminary Phase in a participant's home country (1)Analysis current issues in Agricultural Cooperatives in participants' jurisdictional areas and their organizations (2)Formulation and submission of Job Report to JICA together with Application Form</p> <p>2.Core Phase (activities in Japan) (1)Outline of Japan's Agricultural Cooperatives, Small scale farmers in Okinawa (Lecture and observation) (2)Management of Agricultural Cooperatives, Human Resource Development for staff members of Agricultural Cooperatives, Activities of women groups in Agricultural Cooperatives (Lecture and observation) (3)Community development for small scale farmers (Lecture and exercise) (4)Method of SWOT Analysis, Formulation of an action plan (Lecture and exercise)</p> <p>3.Finalization Phase (activities in home country) Application and implementation of the action plan back in the participants' countries and submission of their progress report to JICA within six (6) months after the end of the Core Phase in Japan</p>	IMPLEMENTING PARTNER	Okinawa Prefectural Agricultural Cooperatives	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2006～2010	
	REMARKS	Expectations for the Participants: be related with JICA programs in this field will be preferable	


<b>Extension Methodologies of Organic Agricultural Techniques for Small Scaled Farmers for Central America and Caribbean countries</b> <b>中米・カリブ地域 小規模農民支援 有機農業技術普及手法</b>		R/F 	0884011
Target Countries: Central America and Caribbean		10 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<Objective> Capacity development for "farming program to improve capability development for small scaled farmers" and "production and selling of organic products adapted to the certification system for small scaled farmers"  <Outputs> (1) The inception report mentioned to problems for each area is prepared through the preliminarily-activity. (2) The Program Report about organic agriculture by small scaled farmers is composed through the field program in Costa Rica. (3) Extension methodologies and organic agricultural techniques are acquired through the domestic program and Action Plan is composed.	(1) Technical officers or agricultural extension workers in charge of extension for agricultural techniques (2) Instructors for organic agricultural techniques or agricultural management (3) Personnel with experiences of organic agriculture for more than 2 years as the leader of farmers		
CONTENTS	PROGRAM PERIOD	July.1.2008~Oct.3.2008	
(1) Preliminarily-activity a) Learning of Capacity Assessment b) Learning with the technical cooperation contents "Extension of organic agriculture techniques for assistance to small scale farmers' groups" c) Submitting the inception report  (2) Field program in Costa Rica (June 15, 2008 - June 27, 2008) a) Visit to case examples b) Workshop c) Presentation of reports  (3) Domestic program (July 1, 2008 - October 3, 2008) a) Comprehension of small scale farmers engaged in organic agriculture b) Comprehension of farmers organization and farming plan with market investigation c) Plan making for agricultural management d) Learning of organic agriculture philosophy in Japan e) Composition of Action Plan	IMPLEMENTING PARTNER	Tsukuba International Center	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2006~2008	
	REMARKS		

Target Countries: Central Asian Countries

6 participants / Russian

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      This program aims to provide the participants with knowledge and techniques of organic agriculture. The participants are expected to consider how to diffuse the organic agriculture technology in participant's home country.</p> <p><b>【Outputs】</b>                      (1)To understand the roles of government and farmers' organization to support farmers.                      (2)To learn theories and practice of organic agriculture technology.                      (3)To learn the risks of agrichemicals.                      (4)To formulate Action Plan describing how to diffuse the knowledge and ideas acquired in Japan to participant's home country</p>	<p><b>【Target Group】</b>                      (1)Technical officers in charge of agricultural development in central/local government                      (2)Members of agricultural organization                      (3)Members of NGOs working for agricultural development</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jun.18.2008~Jul.26.2008</p>
<p>&lt;Preliminary Phase&gt;Formulation and submission of Job Report</p> <p>&lt;Phase in Japan&gt;                      (1)Overview of agriculture in Japan/Hokkaido,Agricultural cooperatives in Japan, Research institution of agriculture                      (2)Plant nutrition, Compost, Fertilizer and manure, Utilization of livestock wastes, Visiting farmers in Hokkaido                      (3)Agrichemicals, Agrichemical residue                      (4) Making materials to diffuse organic agriculture technology, Formulation of Action Plan</p> <p>&lt;Finalization Phase&gt;                      Implementation of the Action Plan and the report of the progress.</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Hokkaido International Agri-exchange Association(HIAA)</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Sapporo</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

Organizing Farmers and Roles of Agricultural Cooperatives for Central Asian Countries 中央アジア地域 農民組織化と農協の役割		R/F 	0884046
Target Countries: Central Asia		12 participants /	Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Participants are expected to formulate Action Plan which aims to improve/strengthening farmers' association/agrarian organization making the best use of learnt knowledge through the training course.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) to understand the methods of organizing farmers associations;</p> <p>(2) to comprehend the roles of farmers cooperatives in Japan;</p> <p>(3) to grasp the distribution systems of agricultural products in Japan;</p> <p>(4) to formulate Action Plan which aims to improve/strengthening farmers' association/agrarian organization making the best use of learnt knowledge through the training course.</p>	<p>1) central /local government officers in charge of administrating farmers association/ agrarian organization, or executive or managing members of farmers association/agrarian organization</p> <p>2) University graduates or equivalent</p> <p>3) Over 35 and under 50 years of age</p>		
CONTENTS	PROGRAM PERIOD	May.7.2008~Jun.7.2008	
<p>&lt;Preparatory Phase&gt; Formulation of Country Report &lt;Curriculum in Japan&gt;</p> <ul style="list-style-type: none"> <li>- Outline of agriculture in Japan and Hokkaido</li> <li>- Agricultural policy and law</li> <li>- Farm management</li> <li>- Japan agricultural cooperatives and theory of association</li> <li>- Agricultural credit</li> <li>- Agricultural mutual benefit provisions</li> <li>- Agricultural extension service</li> <li>- Distribution of agri-products</li> <li>- Presentation on Country Report and Action Plan</li> <li>- Discussion</li> </ul> <p>&lt;Finalization Phase&gt; Implementation of the Action Plan and the report of the progress.</p>	IMPLEMENTING PARTNER	Department of Agriculture, Hokkaido Prefectural Government	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2004~2008	
	REMARKS		


Enhancement of Water Users' Associations for Central Asia and Caucasus 中央アジア・コーカサス地域水利組合強化		R/F 	0884049
Agricultural/Rural Development—Agricultural Policy and System			
Target Countries: Central Asia and Caucasus		6 participants /	Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Water users' associations (WUA) to which participants belong can efficiently and effectively distribute agricultural water to farmers' fields through the promotion of WUA activities and enhancement of WUA function, and coordination with governmental organizations concerned with management of main canals, etc.	<p><b>【Target Organization】</b> Water Users' Associations (WUA) or Federations/Unions of WUA, managing beneficiary area and beneficiary farmers in "Model Areas".</p> <p><b>【Target Group】</b> Heads or Secretary Generals of WUA, working in water management and facility management and guidance to beneficiary farmers in target organizations.</p> <p>* Target organizations should exist and be in action in "Model Areas" designated in each country.</p> <p>Azerbaijan: К ю р д а м и р с к и й р а й о н .</p> <p>Kazakhstan: М а х т а а р а л ь с к и й р а й о н Ю ж н о - К а з а х с т а н с к о й о б л .</p> <p>Kyrgyzstan: Н о о к е н с к и й р а й о н Ж а л а л а б а т с к о й о б л .</p> <p>Tajikistan: Д ж и л и к у л ь с к и й р а й о н Х а т л о н с к о й о б л .</p> <p>Uzbekistan: Т а ш к е н т с к а я и С ы р д а р ь и н с к а я о б л а с т и .</p>		
CONTENTS	PROGRAM PERIOD	Sep.1.2008~Oct.31.2008	
1) Preparatory phase: Making Inception Report 2) Irrigation Water System: Irrigation system, outline of water management, coordination between government and WUA 3) Land Improvement District: Establishment of WUA, law and regulation for WUA, organization and management system of WUA, Operation of WUA: Budget and accounting, operation of facility, daily work with beneficiary farmers, management committee 4) Maintenance of Facility: Water fee and burden on farmers, maintenance system of facilities, Irrigation on Upland Field, Practice on upland irrigation, canal flow observation 5) Making Action Plan: Rural society, farmers organizations, PRA, PCM workshop 6) Post-Training program: Remote seminar on evaluation of the Progress Report, Making Final Report and extended Action Plan (for selective follow-up cooperation)	IMPLEMENTING PARTNER	Japan Green Resources Agency	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Expected number of participants per country : 2	



Target Countries: Africa

10participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Capacities, regarding basic rice cultivation techniques or farm management techniques, of core personnel of organizations that are in charge of extension of rice cultivation techniques in Sub Sahara Region are developed. Action Plan titled as Job Improvement Plan, aimed at extending rice cultivation techniques to rural area, is submitted with authority of belonging organizations.</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p><b>【Outputs】</b>                      (1) Participants identify constraints in rice cultivation, farm management, extension system and methods concerned in the target area through self-study and preparation and presentation of Inception Report.                      (2) Participants are able to explain the basis of paddy rice cultivation techniques and post-harvest technology in their own terms.                      (3) Participants are able to explain about basis of extension methods in their own terms.                      (4) Participants submit Technical Reports as a result of (2) and (3).                      (5) Participants submit Action Plan.</p>	<p><b>【Target Group】</b>                      •Current Duties: presently engaged in agricultural extension activities.                      •More than 5 years experience in agricultural extension field                      (Under discussing)</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Mar.23.2009～Oct.9.2009</p>
<p>(1)Preparation and presentation of Inception Report                      (2)Basis and application of rice cultivation techniques for small scale including Japanese techniques                      Basis and application of post-harvest technology in rice                      Peripheral techniques such as breeding, physiology, soil nutrient management, crop protection, irrigation and drainage, and agricultural experimentation.                      Mechanized rice cultivation techniques                      (3)Agricultural extension and cooperative projects in Japan, Farmer to farmer extension                      Appropriate extension systems for each country                      Affordable extension methods                      (4)Midterm presentation of Technical Report.                      Final presentation of Technical Report.                      (5)Project Cycle Management (PCM)                      Capacity Assessment                      Action Plan preparation                      Midterm presentations of Action Plan                      Final presentations of Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Under Planning</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	


Horticulture crop Cultivation and Extension for Africa アフリカ地域 園芸作物・普及		R/F  0884054
Target Countries: English speaking African countries		3 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> This program aims at market oriented horticultural (vegetable) crop cultivation techniques and efficient agricultural extension approaches to farmers. Also expects the dispersion of knowledge and experience acquired by the participants within their organizations, as well as in the region they work, through discussions and meetings.</p> <p>To achieve this objective, the participants are expected;</p> <p><b>【Outputs】</b> 1. to be able to extract and analyze the problems in the field of vegetable cultivation / agricultural extension / sales and distribution of vegetables in the region, and develop capacity to solve problems logically 2. to be able to provide extension of appropriate vegetable cultivation technologies to farmers 3. to develop capacity to organize small scale farmers, efficient agricultural system and agricultural techniques development system 4. to learn the market trend of vegetables and plan an appropriate distribution and sale system in participant home country 5. to formulate an action plan based on knowledge and techniques in (2) to (4), and share the technology through discussions and meetings.</p>	<p><b>【Target Organizations】</b> Administrative Organization, Extension Center, and Research Institute related to Horticultural crop cultivation</p> <p><b>【Target Group】</b> 1) Current Duties: presently engaged in vegetable production as extension officers, training instructors or researchers with occupational experience of more than three years 2) Educational Background: be university graduates or have an equivalent academic background, not be doctorate holders 3) Language : be proficient in spoken and written English 4) Recommendable Qualifications 5) Age: be between the ages of twenty-five (25) and forty five (45) years 6) be recommended by the Embassy of Japan or JICA Office in respective countries, (person who participate (or will participate) in JICA's Program or Project is highly recommended)</p>	
CONTENTS	PROGRAM PERIOD	May.18.2008~Sep.13.2008
<p>1. Preliminary Phase in a participant's home country (1) Problem analysis Formulation of Inception Report</p> <p>2. Core Phase in Japan (tentative) (1) Problem analysis 1) Inception Report, 2) PCM (Project Cycle Management) workshop (2) Vegetable cultivation techniques 1) Vegetable (Solanaceae, Cucurbitaceae, Brassicaceae, etc.) cultivation techniques, 2) Seed production techniques, 3) Post harvest techniques, 4) Plant nutrition, 5) Crop growth diagnostic techniques, 6) Soil and fertilizer management, 7) Disease, Insect pest and Weed control , 8) Fundamentals of vegetable breeding, 9) Design and analysis of field experiments, 10) Study tour (seed companies, local farmer, etc.) (3) Organization, agricultural extension and agricultural technique development 1) Roles of Farmer's Organization, Agricultural Cooperative, 2) Agricultural extension planning, 3) Vegetable product &amp; development, 4) Case study, 5) Study tour (agricultural cooperative, research center, extension center, etc.) (4) Market, Distribution and Sales of vegetable 1) International trade and Vegetables in Ease Africa, 2) Distribution of agricultural products, 3) Agricultural processing, 4) Case Study, 5) Study tour (wholesale market, processing of agricultural products, direct sales shop, etc.) (5) Action plan making 1) Action plan making and discussion, 2) Preparation of presentation 3) Presentation, 4) Correction of Action plan</p> <p>(3)Finalization Phase in a participant's home country 1) Discuss the action plan among the related stakeholders, such as participants' belonging organization, small scale farmers and so on, 2) Making the minutes of meetings of action plan discussion and modify the action plan, 3)JICA Tsukuba will hold a feedback meeting utilizing JICA-Net Remote seminar system</p>	IMPLEMENTING PARTNER	Overseas Agricultural Development Association
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008~2010
	REMARKS	


Target Countries: Central Asia and Caucasus countries


9 participants / Russian


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Participants gain the knowledge and skills on management of farm machinery, association for farm machinery, planning/evaluation for mechanization and make Action Plan to adapt the idea into respective countries.</p> <p><b>【Outputs】</b>                      (1)To understand the construction of farm machinery                      (2)To understand the method of management for farm machinery                      (3)To understand the method of planning of mechanization                      (4)To obtain the technique of management for machinery                      (5)To formulate Action Plan in order to utilize farm machinery effectively.</p>	<p><b>【Target Organizations】</b>                      Institution or Association in charge of mechanization planning and maintenance for farm machineries.</p> <p><b>【Target Group】</b>                      Who is in charge of management of farm machinery, planning the policy of using farm machinery.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Dec.7.2008～Mar.7.2009</p>
<p>(1) Theory of agricultural machinery                      (2) Basic techniques of agricultural machinery                      (3) Election and cost analysis of agricultural machinery                      (4) Relationship between agricultural society and techniques                      (5) PCM(Participatory Cycle Management) method, compiling Action Plan</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Under Planning</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

Rural development through promoting small poultry farming in Southwest Asia 南西アジア地域 小規模養鶏農家の育成を通じた農村開発		R/F  0884081
Agricultural/Rural Development—Agricultural/Rural Development		
Target Countries: Southwest Asia Region		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> An action plan on rural development through small sized poultry will be elaborated by farming Administrative/technical extension staff in central and local government/institute in each country</p> <p><b>【Outputs】</b> (1) To understand Feeding Management in poultry, and to be able to conduct and disseminate poultry management suitable for the area condition and poultry performance. (2) To understand poultry health control measures, especially basic disease control concerning avian flu, in local government and community level. Besides, to be able to conduct and disseminate proper prevention of disease for the environmental condition through the organization/person concerned. (3) To understand comprehensive knowledge and skills on poultry farming. (4) To be able to plan poultry industry development policy suitable for the area condition.</p>	<p><b>【Target Organizations】</b> Administrative organ, Technical extension organ, Research and educational Institute</p> <p><b>【Target Group】</b></p>	
CONTENTS	PROGRAM PERIOD	Sep.9.2008～Nov.15.2008
<p>(1) •Lecture on metabolism and feeding management for improving growth and egg productivity. •Lecture on growth of the embryo. Practice on egg candling, observation of hatching, selection of normal chicks and calculation of hatching rate. •Lecture and practice on rearing chick management and chick sexing. •Lecture on manure fermentation and utilization. Visit to related institute. •Lecture on transition, current situation and future prospect of facilities for poultry production. Visit to relate to facilities and institutions. •Lecture and practice on reproductive physiology. • Practice on semen collection and artificial insemination. • Lecture on the history of poultry domestication in Japan and basic theory of genetic improvement. •Lecture on outline of poultry nutrition. • Lecture on nutritional characteristics of common feed and the ones which are used in the developing countries. • Lecture and practice on theoretical feed designing method. • Lecture on utilization of byproducts to livestock feed. Visit to related facility. • Practice on proximate analysis method of feed ingredients.</p> <p>(2) •Lecture and practice on epidemic prevention (disinfecting method of poultry houses and equipment, the type of vaccines and their applying methods, diagnostic method of major infectious disease, quarantine of imported animal). Visit to related institutions. • Lecture on health control measures based on the lecturer's experience in developing countries. • Lecture and practice on symptoms, diagnoses and autopsied findings of major infectious disease especially focus on avian flu. • Explanation on the outbreak situation of avian flu and countermeasures against avian flu in local government and community in Japan. • Lecture on zoonotic infection and its preventive measures.</p> <p>(3) • Lecture and practical training on basic knowledge of rural development. • Lecture on dissemination condition of all the country of the world. • Lecture on promoting indigenous breed chicken production and rural revitalization. Visit to related organizations. • Lecture on marketing of eggs and chicken. Visit to related organizations and institutions. •Lecture on the method for rural developing planning based on items above-mentioned.</p> <p>(4) • Making, presentation and discussion about Action Plan by every participant. • Lecture and practice on PCM (Project Cycle Management) method.</p>	IMPLEMENTING PARTNER	National Livestock Breeding Station Incorporated Administrative Agency
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2008～2010
	REMARKS	

<b>Post-harvest Rice Processing ( African Countries (French))</b> <b>アフリカ地域(仏語圏) 稲作収穫後処理</b>		R/F 	0884082
Agricultural/Rural Development—Agricultural/Rural Development		10 participants /	French
Target Countries : African Countries (French)			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b>            Technical administrators who lead local farmers will gain appropriate techniques for post-harvest rice processing. The action plan improving post-harvest will be considered.</p> <p><b>【Outputs】</b>            (1) Study appropriate harvest techniques            (2) Rice production, rice distribution systems and the function of agricultural cooperatives in Japan.            (3) Learn the methods for post-harvest rice processing            (4) Methods and functions for milling machinery and related equipments as well as processing facilities.            (5) Study of the design and management of rice handling and processing facilities.</p>	<p><b>【Target Organizations】</b>            Central and local government, Agricultural cooperative, Farmer's association</p> <p><b>【Target Group】</b>            (1) Technical officials who lead local farmers, such as agricultural extension officers with more than three years experience in teaching rice crop            (2) Individuals who will lead local farmers from agricultural cooperatives or organizations concerned</p>		
CONTENTS	PROGRAM PERIOD	Sep.7.2008～Oct.5.2008	
<p>(1) Study appropriate harvest techniques considering best water contents in rice            (2) Understanding of rice production, rice production systems and the activities of agricultural cooperatives in Japan.            (3) Study of the methods and facilities for harvesting, threshing, drying, husking and storage etc..            (4) Study methods and functions for milling machinery and related equipment as well as processing facilities. Measuring methods used in related fields. Discussion within trainee.            (5) Study of the design and management of rice handling and processing facilities.</p>	IMPLEMENTING PARTNER	Faculty of agriculture, University of Yamagata	
	JICA CENTER	JICA Tohoku	
	COOPERATION PERIOD	2008～2010	
	REMARKS	<p>Program period will be set at September (harvest season) to study appropriate harvest techniques considering best water contents in rice.            The detailed curriculum for this year is still under consideration.            The final program contents will be announced in the General Information form.</p>	

Principle and practice of the dairy cow management for milk production with better quality in Middle East Region 中東地域 良質な牛乳生産のための乳牛の飼養管理		R/F 	0884140
Target Countries: Middle East		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> To develop human resources capable of formulate establishment of improvement and improvement method on management of feeding techniques of dairy cows is able to formulate by the people who are engaged in leading this field</p> <p><b>【Outputs】</b> (1) To be able to explain the improvement of dairy cows and reproduction management (2) To be able to explain the management of feeding and nutrition (3) To be able to explain the improvement of milk quality (4) To be able to explain the the heat environment (5) To be able to formulate the plan on the feeding management of dairy cows after returning home</p>	<p><b>【Target Organizations】</b> Ministry of Agriculture, Agricultural Extension Center, Universities</p> <p><b>【Target Group】</b> 1) Technical assistance, technical leader, extension worker 2) Have more than three years of experience in agricultural production and distribution field</p>		
CONTENTS	PROGRAM PERIOD	Sep. 23. 2008 ~ Nov. 21. 2008	
<p>Preparatory phase: Submit the inception report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems)</p> <p>Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics. (1) Evaluation method for individual ability of dairy cows/ Improvement method of dairy herd/ Planning of breeding/Method of dairy cows culling/ Basic knowledge of reproductive cycle of dairy cows/ Other reproduction techniques (2) Peculiarity of feed and evaluation method of nutrition value/ management of grassland/Modification of feeding/Preservation techniques/Nutrition management/Feed calculation/Reuse of by-product (3) Basic idea of improvement for hygiene of milk quality / Basic techniques of milking/Assessment of milk quality/ Countermeasures for mastitis (4) Feeding production in the heat environment/ Basic method of feeding management of dairy cows/ Controlling for the heat environment for dairy cows (5) Presentation and discussion on present condition and issues of participants' countries/Formulation and presentation of the interim report</p> <p>Post-Program Activities: Submit the final report on activities after returning home country.</p>	<b>IMPLEMENTING PARTNER</b>	Obihiro University of Agriculture and Veterinary Medicine	
	<b>JICA CENTER</b>	JICA Obihiro	
	<b>COOPERATION PERIOD</b>	2008~2010	
	<b>REMARKS</b>		

<b>Asia-Africa Cooperation on "Rural Community Development by Livelihood Improvement Approach"</b> <b>アフリカ地域「アジア・アフリカ協力・生活改善アプローチによる農村コミュニティー開発」</b> Target Countries: Africa		R/F 	0884180
		Agricultural/Rural Development—Rural Development	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Participants of the course learn knowledge and skills about the Livelihood Improvement Approach, and utilize them to their respective job activities after returning.	Applicants for the training course should fulfill all of the following requirements; 1) be forty-five (45) years of age or under, 2) have a sufficient ability of English to undergo the training, 3) commit submission of Progress Report (after 2 months of the training course in Japan), Interim Reports (after 8 months) and Final Report (after 11 months) to JICA Tsukuba through JICA Overseas Office in respective countries, and 4) be recommended by the Embassy of Japan or JICA Office in respective countries, (person who participate (or will participate) in JICA's Program or Project is highly recommended) And each country is required to nominate 3 applicants who are able to implement Action Plan together and job description of each as mentioned below; (1) Field Worker Extension worker of governmental institution / NGO who is engaged in field work related to rural community development more than three years. (2) Management Officer Local government officer who is in charge of management of the activities' implementation. (3) Planning Officer Local government officer who is in charge of planning and evaluation of rural community development projects.		
<b>【Outputs】</b> As the expected results of the course, participants are expected; 1. to be able to explain the outline of livelihood improvement movement in Japan, facilitation methodology in livelihood improvement approach and necessary government support system, 2. to be able to explain success factors of good practices of Japan, of SONGA-MBELE in Kenya, and of participants' countries, through comparative discussions, 3. to formulate an action plan to apply the livelihood improvement approach to the respective target area, 4. to promote rural community development by formulation and implementation of progress report (final action plan) through discussions with their belonging organization			
CONTENTS	PROGRAM PERIOD	Jan.18.2009~Mar.7.2009	
1. Preparatory program (1) Inception report I making Self-Study on Technical Cooperation Contents "Livelihood Improvement Approach for Rural Community Development". (2) Program in Kenya (2-3 weeks) Learn the history and activities of "Songa-Mbele", who promoted by Sr. Veronica. "Songa-Mbele" is one of the best rural development practice in Africa, and participants can learn their activities theoretically and practically in Kenya. (3) Inception Report II making After program in Kenya, participants will be requested to carry out a baseline survey in your working area. This survey's result will be utilized to make an action plan in Japan.  2. Program in Japan (1) Understanding the roles of facilitators • Lecture and practice using the Content module 1 and study tour (2) Understanding the necessary support system by the government • Lecture and practice using the contents module 2 and study tour (3) Comparative discussion (Japan, Kenya and each countries) • Inception report presentation • Discuss the result of program in Kenya • Case study of the other country's good practice • Discuss good practice of each country (4) Consider the possible application method • Making an action plan • JICA-Net remote conference connected between Japan and respective country's JICA office • Action plan presentation  3. Post-program activities I : Submission of Progress Report and JICA-Net seminar (May, 2009) II : Submission of Interim Report and JICA-Net seminar (Nov, 2009) III : Submission of Final Report and JICA-Net seminar (Feb, 2010)	IMPLEMENTING PARTNER	TAIYO CONSULTANTS CO., LTD	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2006~2008	
	REMARKS	1. Each country is required to nominate 3 applicants (mentioned in TARGET GROUP) who are able to implement the JIP together. 2. Participants should submit three reports (after 2, 8 and 11 months of training in Japan) to JICA Tsukuba through a JICA Overseas Office.	


Capacity Development for the supports of Farmers' Organizations and Management for Francophone Africa 仏語圏アフリカ地域「農民組織化・運営支援に係る能力強化」		R/F 	0884196
Target Countries: Francophone Africa		10participants /	French
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objective】</b> Participants of the course understand Japanese Livelihood Improvement approach, and consider the applicable methods to organize farmers group in their country.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p><b>【Outputs】</b></p> <ol style="list-style-type: none"> <li>1. Analyze the situation, problem and good practice of organizing the farmers group in the working areas, and summarize them as Inception Report.</li> <li>2. Understand the outline and history of Japanese livelihood improvement approach.</li> <li>3. Learn the group activities based on the Japanese livelihood improvement movement, and consider the similarity and difference compared with rural development activities in your working area.</li> <li>4. Understand the system and strategy of Japanese livelihood improvement activities, and consider the application method to their working area beyond the context.</li> <li>5. From 1 to 4 and African case study, consider the application strategy to working area and summarize them as Action Plan.</li> <li>6. Discuss the Action Plan in belonging institute after returning, and submit the minutes of meeting and modified action plan as final report.</li> </ol>	<p><b>【Target Organization】</b></p> <ol style="list-style-type: none"> <li>1. Department of agricultural extension in the Central Government,</li> <li>2. Department of agricultural extension in the Local Governments,</li> <li>3. NGO in agricultural extension</li> </ol> <p><b>【Target Group】</b></p> <ol style="list-style-type: none"> <li>1) Applicants should be under 45 years of age,</li> <li>2) Applicants should have enough English proficiency</li> </ol> <p>In addition, applicants should fulfill following A or B.</p> <p>A) Officers who have worked as a officer at Central or Local Government more than 5 years, and now are engaging in rural development planning.</p> <p>B) Officers who have worked as an officers of local government or extension institute or NGO more than 10 years, and can explain the good practice of farmers group organization in detail.</p> <p>*person who participate (or will participate) in JICA's Program or Project is highly recommended</p>		
CONTENTS	PROGRAM PERIOD	Oct.13.2008～Nov.22.2008	
<ol style="list-style-type: none"> <li>1. Pre-Program               <ol style="list-style-type: none"> <li>1) Self-Study on Technical Cooperation Contents "Livelihood Improvement Approach for Rural Community Development"</li> <li>2) Preparation of the Inception Report</li> </ol> </li> <li>2. Program in Japan               <ol style="list-style-type: none"> <li>1) Understand the situation and problem</li> <li>Modification and presentation of Inception Report</li> <li>2) Understand the meaning of farmers organization</li> <li>outline of farmers organization, discussions</li> <li>3) Understand the methodology of organizing the farmers group</li> <li>outline of facilitation, facilitation methodology, study tours, discussions</li> <li>4) Understand the government support system</li> <li>relationship between central government and local government, case study, discussions</li> <li>5) Application of Japanese experience to the developing countries.</li> <li>action plan making</li> </ol> </li> <li>3. Post-Program               <ol style="list-style-type: none"> <li>1) Present the action plan among the concerned staff after returning, and summarize the comment as minute of meeting.</li> <li>2) Modify the action plan based on the comment in the presentation, and submit both documents as final report.</li> </ol> </li> </ol>	IMPLEMENTING PARTNER	Rural Women Empowerment and Life Improvement Association (WELI)	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS		



Target Countries: Middle East

8 participants / Arabic

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>At the end of the program, the participants are expected to achieve the followings;</p> <p>To formulate irrigation plans in accordance with farming plans especially of upland crops and to establish guidance and support systems for water management and on-farm irrigation techniques to farmers, in consideration of water saving.</p> <p>To achieve this program objectives, participants are expected in Japan;</p> <p>(1) To understand appropriate management of water resources for agricultural usage.                      (2) To improve on-farm irrigation techniques considering relationship of farming plan and irrigation plan / method, stage of cultivation, and soil conditions.                      (3) To understand system of Participatory Irrigation Management (PIM) operating water distribution and facility management / maintenance by Water Users' Associations (WUA).                      (4) To understand organizational system of extension and training of irrigated agriculture to farmers.                      (5) To compile Action Plan to adapt training outputs in local condition and promote irrigated agriculture with water savings.</p>	<p><b>【Target Organization】</b>                      Central or Regional Governments including Bureaus and/or Departments related to promotion and/or extension of irrigated agriculture.</p> <p><b>【Target Group】</b>                      Technical officials / Engineers in charge of demonstration, experiments, extension / training activities to farmers on irrigated agriculture by efficient water use.                      ①Researcher in research institute is out of scope.                      ②Manager class who can manage and supervise extensions is better.                      ③Personnel who can understand English by certain level as second language.</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Oct.15.2008～Nov.30.2008</p>
<p>(1) Preliminary Phase in a participant's home country (by participating country side)                      Making "Inception Report" by use of concept of Capacity Assessment on CONTEXT of promotion and extension of water saving irrigation.</p> <p>(2) Core Phase in Japan                      ①Water resources and irrigation facilities                      ②Irrigation plan/method and on-farm Irrigation                      ③Participatory Irrigation Management (PIM) by Water Users' Associations (WUA)                      ④Organizations and system for extension/training of irrigated agriculture</p> <p>(3) Third Country Phase in Jordan                      Method of experiment for verification of local adaptability of on-farm irrigation techniques</p> <p>(4)Finalization Phase in a participant's home country                      (①②④by participating country side, ③by Japan side)                      ①Approval by participating organization of Action Plan, and implementation of it.                      ②Participants make and submit the "Progress Report" on situation of implementation of Action Plan.                      ③(If necessary), Remote seminar on confirmation of progress of Action Plan by TV meeting system.                      ④participants make and submit the "Final Report" on result of implementation of Action Plan.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>JICA Tsukuba</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p><b>REMARKS</b></p>	<p>①Program period is under planning.                      ②Third Country Phase in Jordan is planned on NCARE (National Center for Agricultural Research and Extension) for 1～2 weeks.</p>

Rural Development through Promoting Small Herbivorous Animal's Husbandry for Africa アフリカ地域小型草食家畜生産を通じた農村開発		R/F  0884249
Target Countries: Africa		Agricultural/Rural Development—Rural Development 7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The objective of this program is to train personnel who will have knowledge and techniques to improve productivity of small herbivorous animal husbandry, extension methods and efficient approaches to rural development</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p><b>【Outputs】</b> (1) To acquire knowledge and techniques of breeding management for goat and sheep (2) To acquire knowledge and techniques of Processing of stock Raising Product (3) To obtain expertise on the extension methods of animal husbandry and efficient approaches to rural development (4) To make an Action Plan for rural development through small herbivorous animal's husbandry in respective countries (5) To present each action plan in belonging institute, and submit minutes of meeting as final report.</p>	<p><b>【Target Organizations】</b> Agricultural and rural development offices of both central and regional governments, extension offices and research institutes in African countries.</p> <p><b>【Target Group】</b> * Officers of above mentioned government offices * Technical officers in stockbreeding of extension offices and research institutes * More than 5 (five) years experience in stockbreeding * 25~45 years old</p>	
CONTENTS	PROGRAM PERIOD	Sep.7.2008~Nov.15.2008
<p>The following subjects are included throughout lectures, practices and observation tours.</p> <p>(1) Nursing and Raising, Disease Control and Treatment, Breeding Management, Artificial Insemination, Semen Control, Out-seasonal Breeding, Pregnancy Diagnosis, Delivery Observation, Feed Production and Feeding (2) Nutrition of Stock Raising Product, Processing of Milk and Meat (3) Extension Method of Techniques of Animal Husbandry, Rural society and transition of agriculture and agricultural techniques in Japan, Gender in rural development, Approach to livelihood improvement, Supporting methods of small-scale farmers, Small-scale distribution and sales of agricultural product, Farmers' association, Rural development through animal husbandry (4) Project Cycle Management Workshop, Inception Report writing and presentation, Action Plan writing and presentation (5) To present each action plan in belonging institute, and submit minutes of meeting as final report.</p>	<b>IMPLEMENTING PARTNER</b>	National Livestock Breeding Center
	<b>JICA CENTER</b>	JICA Tsukuba
	<b>COOPERATION PERIOD</b>	2007~2009
	<b>REMARKS</b>	


Target Countries: Countries in Asia and Africa with JICA remote communication facilities

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Effective approaches for sustainable rural development projects in Asian and African countries are proposed through experience acquired by implementing job improvement plans and by applying thematic materials and technical reports.</p> <p>Expected results are:</p> <p>(1) Enhanced capacity to conduct surveys and analyze actual conditions and problems in rural development</p> <p>(2) Enhanced fundamental capacity by acquiring a variety of methods and skills essential for rural development</p> <p>(3) Study of feasible countermeasures in respective countries and formulation of the results into job improvement plans, thematic materials and technical reports, by conducting case studies in Japan, field study programs in Thailand, and individual technical programs</p> <p>(4) Improved skills in preparing monitoring reports regarding the information and experience acquired by implementing job improvement plans and by applying thematic materials, and subsequently, sharing and discussing of the results with the network of participants and persons concerned</p>	<p>[Target Organizations] Those handling rural development projects such as central/local governments and NGOs</p> <p>[Target Group] Applicants must have been working in one of the organizations mentioned above for at least 5 years, and been recommended and approved by their organization. Must be under 45 years old, have an outstanding academic record, and have an excellent knowledge of English (e.g. TOEFL 550, TOEIC 730).</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Feb.9.2009~Dec.12.2009
<p>1.Preparatory phase Attending course guidance and some lectures through the JICA-Net System, self-learning with materials provided by JICA and report-making. Preparing inception reports to identify and analyze problems in rural development (from August 2008 to January 2009) in respective countries</p> <p>2.Program in Japan The participants of the program will develop the capacities to prepare thematic materials, technical reports, job improvement plans, etc. through the following lectures, workshops, experiments and field studies.</p> <p>(1) Outline of rural development, problem analysis, capacity development (2) Common subjects: Participatory development, gender issues, project cycle management, etc. Elective subjects: Farming system, conservation of soil resources, agricultural &amp; forestry extension and rural education, rural development planning &amp; execution, appropriate use of genetic resources and conservation and sustainable use of biological diversity, etc. (3) Japanese experiences in rural development such as livelihood improvement, land improvement districts, small-scale marketing of agricultural products, etc.</p> <p>3.Post-program Implementing some activities, utilizing training products, preparing monitoring reports for 1 year and attending follow-up seminars through JICA-Net</p>	<b>IMPLEMENTING PARTNER</b>	University of Tsukuba
	<b>JICA CENTER</b>	JICA Tsukuba
	<b>COOPERATION PERIOD</b>	2006~2010
	<b>REMARKS</b>	<p>(1) Countries are targeted in Asia and Africa with JICA remote communication facilities because some programs are conducted through TV conference systems. (2) Participants of this training program will be awarded a Master's Degree of Science in Agriculture from the University of Tsukuba by satisfying the predefined requirements.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Improvement plan of livestock production system which enable the sustainable development appropriate for local situation is formulated.</p> <p>To attain the objective, participants are expected to achieve the followings:</p> <ol style="list-style-type: none"> <li>(1) To be able to guide the significance of the sustainable livestock production system and learn about the breeding and reproduction of livestock</li> <li>(2) To be able to guide livestock nutrition, management and hygiene control</li> <li>(3) To be able to guide production, use and storage of feed resources</li> <li>(4) To be able to guide a sustainable livestock production system and its supporting organizations</li> <li>(5) To be able to guide the treatment and effective use of livestock excreta</li> <li>(6) To be able to formulate improvement plan of livestock production for their organizations</li> </ol>	<p><b>【Target Organizations】</b> Ministry of Agriculture etc. that are related to livestock production</p> <p><b>【Target Group】</b></p> <ol style="list-style-type: none"> <li>(1) Those who possess basic knowledge of livestock production systems and are able to plan policies regarding the promotion of livestock production in home countries.</li> <li>(2) Teachers and researchers who work at higher education organizations or research institutions and control education and training for extension staff who diffuse livestock production techniques in the field.</li> <li>(3) Individuals with more than 3 years experience.</li> <li>(4) University graduates or equivalent.</li> </ol>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul. 29. 2008 ~ Sep. 26. 2008</p>
<p>Preparatory phase: Submit the inception report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems)</p> <p>Program in Japan: This course consists of lectures , practical exercise, observation and discussion of the following contents.</p> <ol style="list-style-type: none"> <li>1) Production techniques that can be introduced into the home countries through the observation of various sustainable livestock production systems in Hokkaido</li> <li>2) The effective use of livestock waste, processing techniques and environmental conservation techniques</li> <li>3) Recognize the importance of an information network that crosses borders and learn the diffusion method of the sustainable livestock production system by collecting information efficiently</li> <li>4) Analyze various problems concerning the livestock production system of the home countries and learn the method to take implement improvement measures of this system after going home country</li> <li>5) To make a concrete interim report</li> </ol> <p>Activity after going home: Submit the final report on activities after returning home country.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Obihiro University of Agriculture and Veterinary Medicine</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Obihiro</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	<p>Questionnaire about diffusion of effects of the program and execution of the Action Plan.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>At the end of the program, the participants are expected to achieve the followings;</p> <p>A comprehensive infrastructure improvement project for agricultural and rural development is planned. (Or, the establishment of laws and systems to implement and support infrastructure improvement is promoted.)</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>(1) Frameworks of Japanese laws and systems on agricultural and rural infrastructure improvement projects are understood. (*Understanding of NOT each technical matter/subject).</p> <p>(2) Project planning methods on agricultural and rural infrastructure improvement are understood.</p> <p>①Various projects for the improvement of agricultural productivity ②Various projects for the improvement of farmers' living conditions</p> <p>(3) Farmer participation methods for the appropriate maintenance of developed agricultural and rural infrastructure are understood, and</p> <p>(4) An "Action Plan," which presupposes its adoption and application to his/her own country, is drafted.</p>	<p><b>【Target Organizations】</b> Central or Regional Governmental (Ministry/Agency) in charge of infrastructure improvement related to agricultural and rural development.</p> <p><b>【Target Group】</b> ①(Administrative / Technical) Officials (if possible, holding Head / Manager position in section) in charge of making law and system to implement and support infrastructure improvement related to agricultural and rural development. ②Have more than 5 year's experiences in governmental organization or related institution.</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Mar.1.2009~Apr.30.2009</p>
<p>(1) Preliminary phase in a participant's home country (by participating country side)</p> <p>①Making and submission of "Inception Report" to clarify, analyze and recognize the CONTEXT related to infrastructure for agricultural and rural development in his/her own country by use of concept of Capacity Assessment).</p> <p>②Examination of the skeletal essentials of Action Plan (a Scenario).</p> <p>(2) Core Phase in Japan Participants are requested to add the body and substance to the skeletal essentials of a Scenario using knowledge and experiences of below fields in Japan, and develop a Scenario (draft);</p> <p>① Frameworks of Japanese laws and systems on agricultural and rural infrastructure improvement projects.</p> <p>②Project planning methods on agricultural and rural infrastructure improvement. •Various projects for the improvement of agricultural productivity •Various projects for the improvement of farmers' living conditions</p> <p>③Farmer participation methods for the appropriate maintenance of developed agricultural and rural infrastructure.</p> <p>(3) Finalization Phase in a participant's home country (by participating country side)]</p> <p>①Approval by participating organization of the examined and authorized scenario</p> <p>② Based on the approved Action Plan, participants implement the activities with ownership and/or their organization.</p> <p>③ Participants make and submit the "Progress Report" on situation of implementation of Action Plan.</p> <p>④ Participants make and submit the "Final Report" on result of implementation of Action Plan.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Under Planning</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	<p>①Program period is under planning. ②In this program, "Action Plan" is defined as "an administrative scenario for the establishment of laws and systems and the development of project plans that Government (Ministry/Agency), concerned to agricultural administration, should implement in order to improve agricultural productivity and farmers' living conditions".</p> <p>&lt;Examples of Scenario&gt; Development (or proposal) on ① Laws, systems and guidelines ② Project plans ③ Improvement plans for organizational control and system ④ Development plans / strategies for target areas and groups, etc.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>At the end of 3 years' program, the participants are expected to achieve the following;</p> <p>In each country, institutional system in agriculture is established or improved, based on Action Plan which have formulated by 2nd year program, or cooperation proposal of project in the necessary field or subject is formulated.</p> <p>At the First year program on this year;</p> <p>On agricultural policies and measures of the target country, field / subject in which institutional system can be established or improved utilizing Japanese-style agricultural administration and system, is examined and narrowed down.</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>(1) To explain about issues or tasks on agricultural administration and policy in own country,                      (2) To understand Japanese agricultural policies and measures, and legal / institutional system,                      (3) To understand main and characteristic Japanese agricultural technology,                      (4) To understand Japanese ODA strategy and its frame, achieved results and future prospect, and                      (5) To consider techniques, knowledge, know-how and organizations to contribute on establishment of new institutional systems or improvement of existing one on agricultural policy and measure, and to formulate Action Plan for solving issues and tasks.</p>	<p><b>【Target Organizations】</b>                      Department / Bureau concerned to agricultural policy planning or international cooperation affairs, in Central Government (Ministry / Agency), in principal, responsible for agricultural administration.                      (The target organization shall be fixed during cooperation term (3 years)).</p> <p><b>【Target Group】</b>                      ①be officer assigned on planning policy or international cooperation affairs, preferably has organizational position as section chief or sub-director.                      ②have more than 1 year experience in the above field (planning policy or international cooperation affairs).                      ③participant should continue present job/post (policy planning, or international cooperation affairs) at least 1 year, to keep continuity of whole program.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jul.6.2008～Aug.2.2008</p>
<p>(1)Preliminary Phase in a participant's home country                      (by participating country side)                      ①Collecting and sorting of kinds of material on statistics, law, institution, guideline on agricultural administration.                      ②Making "Inception Report" by Capacity Assessment through analysis of own country's current situation of agricultural administration, policy and measure, and institutional / legal system.</p> <p>(2)Core Phase in Japan                      ①Agricultural administration (national level, prefecture level, municipality level).                      ②Legal and institutional system on Japanese agriculture.                      ③Plan for execution on each subject / field by Japanese style administration system.                      ④Technology development system and observation on technical application site.                      ⑤Outline of JICA's role, activity and cooperation scheme.                      ⑥Achievement of cooperation on agricultural and rural development, and future prospect.                      ⑦Consideration on applicability and adaptability in Japanese style agricultural administration system.                      ⑧Making plan on establishment of new institutional systems and improvement of existing institutional system through PCM procedure.</p> <p>(3)Finalization Phase in a participant's home country                      (①②by participating country side, ③by Japan side)                      ①Holding workshop / presentation / report of output in Japan to related organizations and stakeholders with ownership of participants' organization.                      ②Making "Final Report" on evaluation and acceptability of output in Japan based on above process.                      ③ (If necessary) Consultation with ex-participant and participating organization by TV meeting system.</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	<p>①This program is "Project-type" that target country and organization shall be fixed during cooperation term (3 years) to achieve 3rd (final) year program objective.                      ②According to the above reason, new country can not be allocated to this program from 2nd or 3rd year in principal.                      ③On 2nd year program, executive class participant who are decision maker, will be accepted from each country within 2 weeks at Core phase in Japan.</p>

Administration of Livestock Industry 畜産行政		GROUP  0880076
		Agricultural/Rural Development—Agricultural Policy and System
		8 participants /
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The program point is that the participants recommend their own nation, region and organization workable planning themselves. Their workable planning will be made out as action plan through the acquired knowledge and skills for the concrete issue resolution of the livestock production.</p> <p><b>【Outputs】</b> (1) To understand fundamental principle on administrative organization. (2) To understand administrative measure and system of animal industry for end up finding a solution of administrative issues (3) To understand comprehensive knowledge and skills of animal production, hygiene etc. for solving administrative issues. (4) To be able to planning of livestock industrial promotion project in line with the current conditions of their own countries and to gain a further understanding of problem analysis and solution approach from the viewpoint of rural development.</p>	<p><b>【Target Organizations】</b> administrative organ <b>【Target Group】</b></p>	
CONTENTS	PROGRAM PERIOD	Jan.6.2009～Mar.14.2009
<p>(1) •Lecture on history, basic plan and strategy of agricultural basic act. •Lecture on history of legislation concerned livestock industry. Lecture on basic policy and setting goals concerned livestock industrial promotion. •Lecture on administrative measure such as credit policy and granted project. •Lecture on coordination with central and local administration. Visit to related institution. (2) •Lecture on administrative measure and system concerned promotion of farming with livestock in the early postwar years. •Lecture on administrative system concerned promoting animal production and protecting farm producer. •Lecture on administrative system concerned distribution of animal living body and livestock product. Visit to related organization and facilities. •Lecture on history and role of related animal industrial organization. Visit to related organization. •Lecture on history and activity of agricultural cooperative and farm producer group. Visit to related organization.</p> <p>(3) •Lecture and practice on reproduction technology in line with the current conditions of their own countries. •Lecture and practice on minimum of hygiene control technology. •Lecture and practice on breeding improvement method in line with the current conditions of their own countries. •Lecture and practice on concrete technology of feed production, feed processing and by-product utilization. •Lecture and practice on concrete animal waste disposal technology. •Visit to institutions which are related research for animal productivity enhancement and disease control and prevention. (4) •Lecture on the idea and the method of rural development and introduction of the case. •Lecture and practice on the Project Cycle Management method. •To make out action plan and to make a presentation and evaluations about it.</p>	IMPLEMENTING PARTNER	National Livestock Breeding Center Incorporated Administrative Agency
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2008～2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>At the end of the program, the participants are expected to achieve the following;</p> <p>Agricultural water is rationally and efficiently distributed from main facilities to beneficiary's farmer's field.</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>(1-1) Relation between farming plan and irrigation plan is logically understood based on the findings of importance between irrigated agriculture and farming system,                      (1-2) Basic techniques to plan and conduct efficient water management, and water circulation including drainage are understood,                      (2-1) Throughout problem findings in total irrigation system, efficient water management and distribution system to farmers' field is understood,                      (2-2) Function of each facility in total irrigation system as well as water management techniques and facility maintenance techniques are understood,                      (3) For the efficient water distribution and supply to farmers' field, sustainable water management and facility management system are understood, and                      (4) From the broad viewpoints such as policy and institution / system on irrigated agriculture, method of analysis and identification on faced problem, project planning and guidance to related official and beneficiary farmers are understood.</p>	<p><b>【Target Organizations】</b>                      Central or main Regional / Local Governmental (Ministry / Agency / Institution) responsible for planning, execution and management (including establishment, enhancement and activating water users' associations) on irrigation and drainage project for lowland (paddy) field or upland field.</p> <p><b>【Target Group】</b>                      ①be an technical official (or engineer), particularly those to plan, execute and manage the irrigation and drainage project for lowland (paddy) field or upland field.                      ②have more than 5 years' experience in the field of irrigation, civil engineering, etc.</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jun.24.2008~Nov.22.2008</p>
<p>(1) Preliminary Phase in a participant's home country                      (by participating country side)                      Making and submission of "Inception Report" to clarify, analyze and recognize the CONTEXT to promotion of irrigated agriculture by sustainable operation and management of irrigation water and facility by use of concept of Capacity Assessment.</p> <p>(2) Core Phase in Japan                      Against faced problem/difficulties, through lecture practice/experiment and observation related to below topic outline, participants are required to compile Interim Report which consists of two papers as a practical output to be left in Japan; ①Technical Report, ②Action Plan.</p> <p>Topic outline (subject to minor changes);                      ① Basic techniques of irrigated agriculture, and irrigation and drainage system.                      ② Water management techniques and operation / maintenance / rehabilitation techniques of irrigation facilities.                      ③ Establishment of organization and system for water management and facility management.                      ④ Analysis and identification on faced problem, and project planning and guidance method to related official and beneficiary farmers.</p> <p>(3) Finalization Phase in a participant's home country                      (by participating country side)                      ① Based on participants organization's and stakeholders' consensus and approval by reporting Interim Report to them, participants finalize the Action Plan.                      ② Participants implement the activities of Action Plan with ownership of participants and/or their organization.                      ③ Participants make and submit the "Progress Report" on situation of implementation of Action Plan                      ④ Participants make and submit the "Final Report" on result of implementation of Action Plan.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Japan International Research Center for Agricultural Sciences</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2006~2010</p>
	<p><b>REMARKS</b></p>	



<b>Participatory Community Development for Practitioners through JICA-NGO Partnership</b> <b>JICA-NGO連携による実践的参加型コミュニティ開発</b>		GROUP 	0880805
		Agricultural/Rural Development—Rural Development	
		19 participants ★ /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Formulating an action plan toward participatory community development based on the acquired project management method by staffs working on Local NGO, International NGO and relevant ministry <b>【Outputs】</b> (1) Participants will be able to explain concept of community development (2) Participants will be able to explain role of outsider on community development and development method by the outsider through local wisdom (3) Participants will be able to explain necessary point of view like diversity, minority, inclusion and conflict resolution (4) Participants will be able to explain linkage method with a wide variety of stake-holders (5) Participants will be able to formulate an Action plan toward participatory community development	<b>【Target Organizations】</b> Local NGO and International NGO which engage in participatory community development /[Be available only with NGO participant] Relevant Ministry which engages in coordination with NGO <b>【Target Group】</b> 1) be leaders or project managers of local/national NGO who are engaged in rural/community development projects/programs in their countries. 2) have at least three (3) years of field experience working for rural/community development projects/programs, 3) be preferably currently engaged in rural/community development with prospects of continuous involvement in the future.		
CONTENTS	PROGRAM PERIOD	Aug.18.2008～Oct.2.2008	
(1) Discussion concerning <Analyzing what is the community, why the community is valued on development><Presentation and analyzing of community development which is managed by participants> (2) Discussion concerning<Analyzing on role of outsider on community development><Facilitation method to promote the development led by the residents> Fieldwork concerning<Philosophy of local wisdom> (3) Discussion and Fieldwork concerning<Diversity, inclusion, gender on participatory community development><Diversity-based conflict resolution to achieve partnership> (4) Discussion and Fieldwork concerning<Analyzing a wide variety of stake-holders on community development><Case study of linkage method with community, government and NGO> (5) Formulation, Presentation and Discussion of Action plan which is based on output of this program	IMPLEMENTING PARTNER	Asia Volunteer Center	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2008～2010	
	REMARKS	This seminar will be implemented twice for JFY 2008. The second one is scheduled from Nov.3.2008 to Dec.19.2008 in the same content.	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>'Action Plans' for rural development promotion, written by the participants at the end of the program in Japan, will be implemented in the respective countries/regions.</p> <p>To reach the objective, participants are expected to achieve the following:                      (1)To learn methods of rural development and the roles of leaders                      (2)To learn the roles of farmers' association to promote rural development                      (3)To learn distribution system and marketing in Japan                      (4)to formulate Action Plan which aims to solve issue(s) he/she is facing in rural development making the best use of learnt knowledge through the training course and report the progress of Action Plan within three (3) months after completion of the training course.</p>	<p>(1)Officers in charge of agricultural development/rural development in central/local government, or Agricultural extension workers</p> <p>(2) University graduates or with equivalent qualifications</p> <p>(3) Over 25 and under 45 years of age</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.29.2008～Sep.6.2008</p>
<p>&lt; Preparatory phase &gt; Formulation of Country Report                      &lt; Phase in Japan &gt;                      (1) Lectures: Rural development, Agricultural cooperative associations, Agricultural financial systems, Women's role in agricultural farms, Farm accounting, Outline of Local Governance                      (2) Field study: Municipalities which have implemented rural development promotion, Japan Agricultural Cooperatives (JA) branch offices, Agricultural extension service centers, Wholesale markets, Supermarkets, etc.                      (3) Practice: Project Cycle Management (PCM), Farmwork and staying with a farming family                      Presentation/Discussion: Country Report, Case study, Action Plan                      &lt; Finalization Phase &gt;                      Implementation of the Action Plan and report the progress as a Final Report within three (3) months after completion of the training course.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hokkaido International Agricultural Exchange Association</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Sapporo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2004～2008</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>Through the master’s thesis making, participants who belongs to the each country research institute are going to obtain the research technique in the field of agriculture/environment, such as (A) Adaptive cultivation technology development, (B) Soil/Water cycle conservation. In addition, the examination ability of belonging institute improves through execution of the research plan, which utilize the obtained research technique in Japan, after returning respective countries.</p> <p><b>【Outputs】</b>1) Extract the problem which their belonging institute has / Making a draft research plan in Japan 2) Making a research plan in Japan, and report it to their belonging institute in respective countries 3) Material collection, execution of research in Japan, and make a thesis 4) Making and discuss the research action plan 5) Execution of research action plan after returning respective countries</p>	<p><b>【Target Organizations】</b> Research institute related to the field of agriculture/environment</p> <p><b>【Target Group】</b> Researcher who works in the sector of sustainable development of agriculture, who works or will work for JICA project in their countries.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Oct.1.2008～Sep.30.2010</p>
<p>(1) Consider A necessary research technique for the extraction and the problem solution of the research problem of agriculture and the environment that respective countries holds (pre-program/by JICA-Net conference). Make Inception Report(Research Plan)</p> <p>(2) Correct Inception Report reflecting the lecture, case study and the discussion with supervisor, and make a final Research Plan in Japan. Report the plan to their belonging institute during the Overseas Research in respective countries.</p> <p>(3) Collect the materials or data in respective countries and execute the research in Japan, and the result is arranged as a master’s thesis.</p> <p>(4) Make the Research action plan and discuss with the head etc. of the belonging research institute through JICA-Net conference, Make a final Research action plan which execute after returning respective countries.</p> <p>(5) Implement of their Research action plan after returning respective countries.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Graduate School of Agriculture, Ibaraki University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

Target Countries: Asia

6 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will visit and practically learn about water user's associations (Land Improvement Districts: LID) which have been organized and operated by local farmers. These observations and lectures will contribute to strengthening and improving farmer's organization in participant's countries/areas.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand procedures to organize farmers for participatory irrigation management.</p> <p>(2) To understand government interactions assisting farmer's organizations.</p> <p>(3) To acquire operation and maintenance techniques for irrigation systems.</p> <p>(4) To understand the systems for participatory irrigation management.</p> <p>(5) To formulate an Action Plan to improve/strengthen irrigation management in the participant's country.</p>	<p>(1) Administrative/technical officers in charge of irrigation management in central/local government.</p> <p>(2) Individuals with at least 3 years at practical work experience</p> <p>(3) Age: 25-45 years old</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.20.2008~Jul.19.2008</p>
<p>&lt;Preparatory Phase&gt;Formulation of Job Report                      &lt;Curriculum in Japan&gt;                      (1) Observations and Lectures:                      a) Grasp of Land Improvement District                      b) History of agricultural policy and agricultural water management in Japan                      c) Water resource, water right, irrigation planning in Japan and LIDs                      d) Management of LIDs and cost-sharing between farmers and government                      e) Operation and maintenance of irrigation facilities in LIDs                      f) Japan Agricultural Cooperatives System                      (2) Others:                      a) Presentation of a Country Report                      b) Preparation and presentation of an Action Plans                      c) Discussion                      &lt;Finalization Phase&gt;                      Implementation of the Action Plan and the report of the progress.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Taisetsu Land Improvement District</p>
	<p>JICA CENTER</p>	<p>JICA Sapporo</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	


Target Countries: 7 countries of the previous course and Mexico


17 participants /

Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Participants develop necessary capabilities to plan, implement and evaluate rural community development projects, and carry out action plans utilizing results gained by the training. Also participants practice as main actors activities both of National and Regional levels of the Participatory Rural Development Network in the Central America and Caribbean Region.</p> <p><b>【Outputs】</b>                      1. Participants understand Japanese experience in rural development “Livelihood Improvement Approach” and practice the Approach utilizing the training materials in order to improve lives of rural farmers.                      2. Participants understand the concept and approach of Participatory Development and Gender, and practice the utilizing the training materials.                      3. Participants understand the concept and more effective methods of planning and evaluation of community development projects, and practice it utilizing the training materials.                      4. Participants and their organizations prepare and submit Interim Reports with the experience gained in training program in Japan and Panama, and the Post-Program in respective countries.                      5. Participants and their organizations take part in the Participatory Rural Development Network in the Central and Caribbean Region, and prepare and submit Final Reports with the execution in 12 months.</p>	<p><b>【Target Organizations】</b>                      Central or local governmental organization, NGO in charge of rural development programs</p> <p><b>【Target Group】</b>                      1. Duty position                      (1) Officers and extensionists of the Central or Local governmental organizations                      (2) Staff and extensionists of NGO                      2. Job experiences                      Personnel with work experiences in rural development more than 3 years                      3. Other requirements                      (1) Be nominated by the government of the respective country under close coordination with JICA Officer Embassy of Japan                      (2) Be engaged or planning to be engaged in JICA’s Cooperation Programs</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.13.2008～Dec.19.2008
<p>1. Pre-Program                      Self-study using the material for the Pre-Program including the JICA Technical Cooperation Contents “Livelihood Improvement Approach for Rural Community Development”, Preparation of Inception Reports</p> <p>2. Program in Japan (1)                      Rehabilitation Process of rural area after the W.W.II, Livelihood Improvement Approach, Facilitation Method, Mechanism of capacity development, System of extension works, visits to livelihood improvement groups, practice of livelihood improvement techniques</p> <p>3. Program in Japan (2)                      Participatory development, Gender in rural development, Workshop in Kora-town, Farm stay/ Interview survey, Sharing of good practices among the participants, Preparation and presentation of Progress Reports I</p> <p>4. Program in Panama                      Visit of existing projects, Workshops in rural community, Case-study presentation by ex-participants, Discussion on the Network activities with ex-participants and national staff of JICA offices, Preparation and presentation of Progress Report II, Preparation and presentation of the Panama Pronouncement 2009 (tentative name) on annual activities plan</p> <p>5. Post-Program (1)                      Workshops with target groups, coordination with the belonging organizations and JICA offices, Preparation and submission of Interim Reports</p> <p>6. Post-Program (2)                      Network activities in national level, Network activities in regional level, Preparation and submission of Final Report on the executed activities in 12 months.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p> <p><b>COOPERATION PERIOD</b></p>	<p>Not decided</p> <p>JICA Tsukuba</p> <p>2008～2010</p> <p><b>REMARKS</b>                      The Participatory Rural Development Network in the Central America and Caribbean Region was initiated by the ex-participants of the course in 2005. Execution of the pilot projects, study tours and seminars, and sharing the results through TV Conferences and Web site have been carried out in this Regional Network.</p>


Strengthen of agricultural market economies through enhanced collaboration sectors in South East Europe 南東欧地域 農業協働セクターの連携・活性化による農産物市場経済強化		R/F 	0884135
Target Countries : Southeast European Countries		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objective】</b> To formulate the guideline to strengthen agricultural market economies through enhanced collaboration sector for agriculture.</p> <p><b>【Outputs】</b> (1) To be able to explain the present situations and problems of agricultural, mountain, and fishing villages in Japan (2) To be able to explain Japan's systems of production, distribution, and foreign trade of agricultural products (3) To be able to explain the activities of the collaboration sector for adapting agricultural products to the market economy of Japan (4) To be able to establish the Interim Report in which each home country's collaboration sector in the agricultural sector is able to handle the agricultural products market</p>	<p><b>【Target Organizations】</b> Ministry of Agriculture, or related organization</p> <p><b>【Target Group】</b> 1) Mid-ranking administrative officers, or staffs and members of cooperative farms 2) Have more than three years of experience in agricultural production and distribution field</p>		
CONTENTS	PROGRAM PERIOD	Sep. 7. 2008 ~ Oct. 25. 2008	
<p>Preparatory phase: Submit the inception report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems)</p> <p>Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics.</p> <p>(1) •Present social and economical condition and issues in rural area •Actual condition of infrastructure development</p> <p>(2) •The marketing system of agricultural products in Japan •Distribution system of production materials •Present condition and issues on price formation</p> <p>(3) •Present condition and issues on collaborative activity •Social capital (boost confidence, formation of safty-net) •Farming support system •Agricultural information system/ developing technology system</p> <p>(4) •Transition to a sustainable market economy and agricultural structure in Southeast European countries •Issue Analysis of participant's countries •Individual Guidance for the interim report</p> <p>(5) Formulating and presentation of the Interim Report</p> <p>Post-Program Activities: Submit the final report on activities after returning home country.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>Obihiro University of Agriculture and Veterinary Medicine</p>		
	<b>JICA CENTER</b>	JICA Obihiro	
	<b>COOPERATION PERIOD</b>	2008~2010	
	<b>REMARKS</b>		


Investigations / Researches on Agricultural and Rural Development for Africa アフリカ地域農業・農村開発のための調査研究		R/F 	0884174
Target Countries: Africa		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【In this course, participants is highly required to independently and autonomously conduct Investigations / Researches activities.】</p> <p>At the end of the program, the participants are expected to achieve the followings;</p> <p>Practically compiled OUTPUT contributes and feed back to effective and efficient planning and implementation / execution of JICA Cooperation Programs in each country.</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>(1) To understand JICA cooperation policies and approaches, etc. to respective country's agricultural / rural development based on Japan's ODA systems, policies and strategies,  (2) From Japan's agricultural / rural development experiences, to collect and sort out such factors as can be utilized and applied for solving the country's problems, and  (3) Through Investigations / Researches into Japan's agricultural / rural development, to compile Practical and Feasible OUTPUT (Policy proposals, Rough plans for bilateral cooperation project, Technical improvement plans good for respective target area, etc.), which can be utilized in planning and implementation / execution of JICA Cooperation Programs.</p>	<p>【Target organization】  Governmental organizations regarding agricultural / rural development in closely related to JICA Cooperation Programs, or to academic institutions offering relevant proposals and technical support to the organizations. If some benefits can be brought to JICA Cooperation Program, even universities / private consulting companies are also included.</p> <p>【Target group】  ① Specialists/engineers/researches, who can compile practical OUTPUT to be utilized in planning and implementation / execution of JICA Cooperation Programs, such as policy proposals, rough plan for bilateral cooperation, technical improvement plans good for their respective country, etc.  ② In principal, have more than 5 years work experience in bilateral cooperation project formulation, specific development task researches, development strategy planning, etc.</p>		
CONTENTS	PROGRAM PERIOD	Mar.1.2009～Sep.30.2009	
<p>(1) Preliminary Phase in a participant's home country  (by participating country side)  ① Making draft proposal on theme of Investigations / Researches  ② Making "Inception Report" through analysis and recognition by use of Capacity Assessment on the CONTEXT related to issues and difficulties</p> <p>(2) Core Phase in Japan  &lt;Introductory activity&gt;  ① Lecture  •Agricultural and rural development in Japan  •Special lecture by Technical Advisor  ② Observation trips  •Agricultural cooperatives  •Water users' associations  •Prefecture government (Research and Extension)  •Agricultural college  •Marketing and distribution of products  ③ Practice  •Project Cycle management (PCM)  ④ Courtesy visit to JICA Rural Development Bureau  ⑤ Literature review, etc.  &lt;Individual activity by Investigations / Researches  Based on proposal (Investigations / Researches theme) and detailed Investigations / Researches plan, concrete activity for compiling practical and feasible OUTPUT in JICA Tsukuba or other institution.</p> <p>(3) Finalization Phase in a participant's home country  (by participating country side)  ① Reporting and sharing OUTPUT among organizations and related personnel  ② Authorization of Action Plan, and implementation  ③ Making and submission of the results of implementation of Action Plan</p>	IMPLEMENTING PARTNER	Tsukuba International Center, JICA	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2006～2008	
	REMARKS	<p>① Program period is under planning.  ② Actual acceptance period is determined flexibly according to each applicant's Investigations / Researches proposal.  ③ By document examination and interview examination using TV meeting system, acceptance of each applicant is decided.  ④ Applicant who has scope or theme related to below subject, is prior accepted in principal.  •Agricultural technology  a. Agronomy  b. Soil and plant nutrition  c. Crop protection  d. Breeding  e. Hydrology /water management  •Training management and operation  ⑤ In case, scope and theme is social oriented approach</p>	


<b>Regional Workshop on Avian Influenza Control for Asian Countries</b> <b>アジア地域 鳥インフルエンザ防除対策ワークショップ</b>		R/F 	0884025
Target Countries : Asia		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objective】</b> The applicable solutions for an appropriate measurement for AI control will be proposed for the target countries, through clarifying necessary/important issues based on the scientific perspective.  <b>【Output】</b> To reach the objective, participants are expected; (1) To reconfirm the principle of AI control measures and to prioritize the issues of AI control from scientific basis (2) To understand the mechanism of AI control in Japan (3) To develop the appropriate plan for AI control in participants' countries (4) To understand the principle of other zoonoses control measures	<b>【Target Organization】</b> National research institute or a correspondent  <b>【Target Group】</b> (1)Virology, microbiology and/or avian disease expert of national research institute or correspondent, engaged in the section for diagnosis of zoonoses including AI (2)More than five(5) years of practical experience in the field of diagnosis of zoonoses including AI (3)Qualified in veterinary medicine		
CONTENTS	PROGRAM PERIOD	Sep.28.2008～Oct.10.2008	
Preparatory phase: Participant should prepare a "Country Report" which describe the present situation or problems on diagnosis of zoonoses including AI. Curriculum in Japan: 1. Lectures: - Priority issues of AI control measures - Necessary resources for AI control and practical usage of them - Systems development for providing proper and reliable diagnosis of the virus - Development of human resources for virus diagnosis and utilization of man power for disease control system - Biosafety - Expansion of human infection of AI and pandemic threat of new type of influenza 2. Practical exercises: Virus isolation, rapid diagnosis (RT-PCR), biosafety, subtyping 3. Discussions: - Country report/Action plan presentation	IMPLEMENTING PARTNER	Hokkaido University Research Center for Zoonoses Control	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2006～2008	
	REMARKS	This course is intended for veterinarians, and <u>NOT for medical doctors.</u>	





# 13. Nature Conservation


<b>Research on Forest Environment and Resources</b> <b>森林環境・資源研究</b>		GROUP 	0880749
		Nature Conservation—Sustainable Use of Natural Resources	
		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>[Objective]</p> <p>– The objective of this program is to upgrade the knowledge and skills of researchers in the field of forest function research, forestry research, and forest products research.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1) To acquire comprehensive knowledge and latest information on forest research and Japanese forest administration</li> <li>2) To learn basic concept to carry out research activities by themselves</li> <li>3) To master basic methods of forest research through experiment, practice, analysis, discussion and report writing</li> <li>4) To build a broad network with other researchers</li> </ol>	<p>[Target Organizations]</p> <p>– Public research institutes, universities in the field of forest function research, forestry research, and forest products research</p> <p>[Target Group]</p> <ol style="list-style-type: none"> <li>1) Research scientists in the field of forest function research, forestry research, and forest products research in the above-mentioned organizations</li> <li>2) University graduates or equivalent qualification</li> <li>3) Individuals with at least 3 years of research experience</li> </ol>		
CONTENTS	PROGRAM PERIOD	Aug.26.2008～Nov.22.2008	
<p>Preparatory phase: – Participants will make a country report</p> <p>Program in Japan:</p> <p>– There are three main themes of this program, namely, forest function research, forestry research, and forest products research. Only one theme is focused on in one year, therefore, this program is run on a three-year cycle.</p> <p>– According to the subject determined before coming to Japan, participants will be assigned as a member of the laboratory of the host researcher, conduct research under the supervision of the host researcher, and write up the results in a final report. By the end of the program, the participants will make a draft paper on how the research subject will be evolved in their respective organizations and will contribute for solving the issue in the field of environmental technology in their countries.</p> <p>Development phase:</p> <p>– The draft paper will be shared with the respective organizations of the participants. At 6 months after the end of the program in Japan, the participants will report the progress of their activities in their organizations to Japan.</p>	IMPLEMENTING PARTNER	Forestry and Forest Products Research Institute	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS	Website: <a href="http://www.ffpri.affrc.go.jp/">http://www.ffpri.affrc.go.jp/</a>	


<b>Management for Eco-Tourism and Sustainable Use of Natural Park</b> <b>自然公園の管理・運営と利用(エコツアー)</b>		GROUP 	0880756
		Nature Conservation—Sustainable Use of Natural Resources	
Target Countries: Excluding tropical area		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources who enhance the awareness on conservation of the environment and wise use of natural resources and promote them in their countries based on the idea of international environmental laws.</p> <p>To reach the objective, participants are expected to achieve the followings:</p> <ol style="list-style-type: none"> <li>(1) To be able to explain the systems and ideas on conservation of the environment, management and wise use of natural resources, and community development implemented in Japan</li> <li>(2) To understand the systems, ideas and methods of eco-tourism, and to be able to formulate applicable plans to each country in cooperation with international environmental laws</li> <li>(3) To understand the importance of environmental education and to be able to formulate applicable plans to each country in cooperation with community development</li> </ol>	<p>【Target Organizations】</p> <p>Central/regional governments that are responsible for nature conservation, and the management and administration of natural parks and promotion of environmental</p> <p>【Target Group】</p> <ol style="list-style-type: none"> <li>1) Middle-ranking administrators</li> <li>2) Individuals with at 2-3 years of experience in the field</li> <li>3) Those who are in good health mentally and physically and not pregnant because this program includes a lot of field work</li> <li>4) Age: 28-38 years old</li> </ol>		
CONTENTS	PROGRAM PERIOD	Aug. 31. 2008 ~ Oct. 17. 2008	
<p>Preparatory phase: To submit a job report, which includes an introduction of work, problems faced in the participants' country, fields of particular interest and the reason, as well as a questionnaire.</p> <p>Program in Japan:</p> <ol style="list-style-type: none"> <li>1) National Parks in Japan, Eco-tourism policy in Japan, Monitoring method on wetland</li> <li>2) Case study of establishment of nature trails and nature guide, Nature observation by sea kayaking, Examples of eco-tour programs in cooperation with local industries, Protection of wildlife and eco-tours, Combination between eco-tours and mass-tours, Traditional culture and eco-tours, Eco-tour management by local people, Summary of eco-tourism</li> <li>3) Protection of wildlife and environmental education, Environmental education in local areas</li> <li>4) To make a concrete action plan, which describes project objectives, outputs, major activities, etc. after returning home country</li> </ol>	IMPLEMENTING PARTNER	Kushiro International Wetland Centre	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2007～2009	
	REMARKS	* Excluding tropical areas because the training field in Japan does not include tropical areas.	


<b>Reinforcement of Meteorological Services</b> <b>気象業務能力向上</b>		GROUP 	0880780
Target Countries: Member Countries of the World Meteorological Organization (WMO)		Water Resources/Disaster Management—Meteorology	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> This course aims at promoting activities to reinforce the meteorological services of each country applying meteorological data/products such as numerical weather prediction and satellite images.</p> <p><b>【Outputs】</b></p> <p>(1) To be able to explain the fundamental technique such as numerical weather prediction, satellite meteorology.</p> <p>(2) To be able to make up meteorological information which meets users' requirements based on fundamental techniques such as NWP and satellite meteorology.</p> <p>(3) To be able to brief general condition of climate and global environment and make up climate prediction applying climatological and global environmental information. (Weather Forecasting Course)</p> <p>(4) To draw up a master plan to improve the meteorological services of the participants' organizations, and to be used in participants' countries. (Climatology)</p>	<p><b>【Target Organizations】</b> National Meteorological Services</p> <p><b>【Target Group】</b> "Meteorologist" according to the WMO personnel categories</p>		
CONTENTS	<p>(1) Lectures on the basics of numerical weather prediction and its application. Lectures on the outline of satellite meteorology and application of satellite meteorological data.</p> <p>Lectures on the global telecommunications system.</p> <p>(2) Exercises on satellite meteorological data application. Exercises on operational forecasting.</p> <p>Lectures on the knowledge and skill to make up meteorological information which meets users' requirements.</p> <p>(3) Lectures on the climatological and global environmental information. Exercises on the application of climatological and global environmental information.</p> <p>(4) Creation of final report (including master plan). Presentation of final report and discussion.</p> <p>[After the training course] Implementation of activities to transfer the knowledge and expertise to colleagues in order to improve the meteorological services of participants' organizations (follow-up survey with questionnaire).</p>	<p><b>PROGRAM PERIOD</b></p> <p>Sep.15.2008~Dec.15.2008</p>	
		<p><b>IMPLEMENTING PARTNER</b></p> <p>Japan Meteorological Business Support Center</p>	
		<p><b>JICA CENTER</b></p> <p>JICA Tokyo</p>	
		<p><b>COOPERATION PERIOD</b></p> <p>2008~2010</p>	
		<p><b>REMARKS</b></p>	


<b>Conservation, Restoration and Wise-Use of Wetland Ecosystems and Their Biological Diversity</b> <b>湿地における生態系・生物多様性とその修復・再生及び賢明な利用</b>		GROUP 	0880865
		Nature Conservation—Conservation of Biodiversity	
		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources capable of the restoration and rehabilitation of wetland, moreover a method involving the wise-use of natural resources in wetland, by understand wetland conservation and its sustainable ecosystems and biological diversity on Ramsar Convention and Biological Diversity Conservation, To attain the objective, participants are expected to achieve the following:</p> <p>(1) To be able to explain on methods of the survey and utilization of database on wetland environments and biodiversity conservation (2) To be able to explain on the philosophy, knowledge, information and policy for execution concerning the Ramsar Convention (3) To be able to explain on restoration related to biological changes in the Ramsar Convention wetlands and wildlife habitats (4) To be able to explain on wise-use of wetland environment and its natural resources (5) To be able to formulate an action plan on conservation, restoration and the wise-use of wetland ecosystems and their biological diversity</p>	<p><b>【Target Organizations】</b> Central/regional governments engaged in measures for the conservation of wetland environments and biodiversity, the restoration and rehabilitation of ecosystems, wise use of natural resources</p> <p><b>【Target Group】</b></p> <p>1) Mid-ranking administrators, including engineers</p> <p>2) Individuals with 3-8 years of experience in this field</p> <p>3) Age: 28-38 years old</p> <p>4) Individuals in good health and not pregnant because this program includes a lot of field work</p>		
CONTENTS	<p>Preparatory phase: To submit a job report, which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire</p> <p>Program in Japan: This course consists of the following contents.</p> <p>(1) Wetland monitoring survey methods, Bird banding survey method, Utilization of biodiversity databases, Biodiversity conservation administration in Japan (2) Philosophy of the Ramsar Convention, Method involved in the wise-use of wetland environments, Wetland conservation in subtropical wetlands (3) Conservation of traditional culture and biodiversity, Nature and wetland recovery administration in Japan, Local activities for wetland conservation, Wildlife conservation in the local area (4) Biodiversity conservation in village forests, Wise-use of biodiversity, Wise-use of wetlands in local area, Environmental education for wetland conservation, Wise-use of subtropical wetlands (5) To make a concrete action plan which describes the project objectives, outputs, major activities, etc. after returning home country</p>	<p><b>PROGRAM PERIOD</b></p> <p>May 15. 2008 ~ Jul. 4. 2008</p>	
		<p><b>IMPLEMENTING PARTNER</b></p> <p>KUSHIRO INTERNATIONAL WETLAND CENTRE</p>	
		<p><b>JICA CENTER</b></p> <p>JICA Obihiro</p>	
		<p><b>COOPERATION PERIOD</b></p> <p>2004~2008</p>	
		<p><b>REMARKS</b></p>	


Forest Management Through Coexistence 共生による森林保全		GROUP 	0880919
		Nature Conservation—Sustainable Use of Natural Resources	
		12 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
To develop human resources capable of leading the conservation of existing forests, coexistence of humans and forests and forest development in each country. To reach the objective, participants are expected to achieve the followings: (1) To be able to explain how to efficiently promote both forest conservation and human activities in harmony and to achieve results (2) To be able to explain the best way to benefit from forest and the grasping method of forest resources (3) To be able to explain the roles for conservation of biological diversity played by forests	<b>【Target Organizations】</b> Institutions that are engaged in forest administration and forest management  <b>【Target Group】</b> 1) Have knowledge about forestry science and related basic knowledge about natural and social science with at least 5 years 2) Age: Preferably under 40 years old 3) Not pregnant because of many field trips		
CONTENTS	PROGRAM PERIOD	Aug. 24. 2008 ~ Nov. 15. 2008	
Preparatory phase: To submit a job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason. Program in Japan: This course consists of lectures, practical exercise, observation and discussion of the following contents. (1) Outline of forests and forestry in Japan, Local administration and forests, Balancing forest conservation and human activities (2) Forest resource determination methods, Harvest investigation, Pilot forests, Basic knowledge of forest management, Use of forestry products, Biomass energy (3) Breeding and genetic resources of forests, Forest vegetation and animals, Subtropical and mangrove forests, Forests and oceans, Wetland conservation, Prevention of global warming and forests, Nature conservation in Hokkaido (4) To make a concrete action plan, which describes project objectives, outputs, major activities, etc. after returning home country	IMPLEMENTING PARTNER	Japan Overseas Forestry Consultants Association	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Questionnaire about diffusion of effects of the program and execution of the Action Plan.	

Practical Case Studies on Sustainable Forest Management 持続可能な森林経営の実践活動促進		GROUP 	0880968
		Nature Conservation—Sustainable Use of Natural Resources	
Target Countries: Countries with over one million ha. of forest		16 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This program is designed to acquire various methods to improve and develop participant's capabilities of practical leadership in the policy-making, institutional and technical implementation useful for sustainable forest management.  Through the training program, participants are expected to acquire technology and knowledge in the following items: (1) Criteria and Indicators of SFM (2) Forest resource monitoring (3) National forest program (4) Participatory approach of forest management and Rural Appraisal (5) Action Plan preparation and presentation	(1) Technical staff in charge of forest management, planning and monitoring in the governmental organizations and with more than five years of experience (except for researchers at research institute and PhD holders) (2) University graduate or equivalent (3) Age: under 45 years old (4) Individuals with a sufficient command of spoken and written English		
CONTENTS	PROGRAM PERIOD	Aug.22.2008~Nov.11.2008	
(1) Introduction of Sustainable Forest Management(SFM) (2) Criteria and Indicators of SFM (in the world and in Japan) (3) Forest Resource Monitoring Method (GIS, Remote Sensing, Botanical Survey) (4) National Forest Program (Forest Policy and Planning in Japan, Forest Protection, National Park) (5) Participatory Approach of Forest Management (6) Participatory Approach of Rural Appraisal (7) Preparation and Presentation of Action Plan	IMPLEMENTING PARTNER	FOREST TRAINING INSTITUTE, FORESTRY AGENCY	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Participating countries should have over one million ha. of forest, representing at least 10% of total land area.	

Sustainable and eco-friendly food production 環境保全型持続的食料生産(長期)		L/T 	0881130
		Nature Conservation—Sustainable Use of Natural Resources	
		2 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Obtain theory and technology to become scientific and practical readers who can promote sustainable and eco-friendly bio-resource production. <b>【Outputs】</b> (1)Acquirement of basic theory on agriculture, forestry and fisheries studies (2)Acquirement of practical knowledge and the deepening of thinking faculty (3)Acquirement of practical technology and skills (4)Preparing a Dissertation paper based on the knowledge and skills acquired through course work	<b>【Target Organizations】</b> Senior Development Officials of Central and Local Government Agencies <b>【Target Group】</b>		
CONTENTS	PROGRAM PERIOD	Sep.22.2008～Sep.22.2010	
(1) Re; Annex (2) Seminar on the specific scientific fields of study (3) Special experiments exercise, and investigations on the specific scientific fields of study (4) Preparation and presentation of Master's thesis	IMPLEMENTING PARTNER	Kochi University, Graduate School for Agriculture	
	JICA CENTER	JICA Shikoku	
	COOPERATION PERIOD	2008～2010	
	REMARKS		

Subtropical Marine Science(Master's degree: Science) 亜熱帯海洋科学(長期)		L/T 	0881149
		Nature Conservation—Nature Conservation	
		1 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Research and study capacities of technical officers in a central or local government in a field of bioscience, environmental science and material science, which contribute to environmental conservation and management, will be enhanced. And solution of environmental issues in developing countries will be promoted. <b>【Outputs】</b> One out of three outputs below will be chosen by a participant. (1) Obtaining necessary theory in biological science. Formulating thesis, which contains issues and solution in bioscience in each country. (2) Obtaining necessary theory in environmental science. Formulating thesis, which contains issues and solution in environmental science in each country. (3) Obtaining necessary theory in material and mathematical science. Formulating thesis, which contains issues and solution in material science and mathematics in each country.	<b>【Target Organizations】</b> Central and local governments which are related with environmental conservation and management. <b>【Target Group】</b> (1) Technical officer in a field of environmental management in the central government and/or local government. (2) Having 3 years working experience in the related field (3) Having fine command of English		
CONTENTS	PROGRAM PERIOD	September.2008～September.2010	
Followings are subjects provided at each output mentioned above: (1) Life's diversity, Biological productivity, Physiology, Organism species, Coral and island biogeocenosis (2) Marine science, Atmospheric science, Hydrosphere science, Marine science, Biological and physical cycle, Marine productivity (3) Physics (Theoretical physics), Mathematics, Information science (Computational science), Marine resource, Natural mineral, Functional material, Natural logic	IMPLEMENTING PARTNER	Graduate School of Engineering and Science, University of the Ryukyus	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008～2010	
	REMARKS	Topics of master thesis will be issues related to marine in home country.	

<b>Forest Management Policy in Asia – Sustainable Forest Management with            Collaboration between Local Government and Community–</b> <b>アジア地域 森林管理政策</b> <b>～地方行政と住民との協働による持続的森林管理～</b> Target Countries: Participating Countries in Asia Forest Partnership (AFP)		R/F		0884063
		Nature Conservation—Other Nature Conservation Issues		
		6 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP			
<b>【Objectives】</b> Capacity of government officials for framing forest management policy based on collaborative approach with community is enhanced through understanding of role of local government for forest management <b>【Outputs】</b> (1) Participants are able to explain: 1) forest management administration and system in Japan, 2) forest management administration of local government such as policy, law, management system and organizational structure in accordance with situation of other participating countries, and 3) collaborative forest management with other actors such as community and private enterprises in accordance with local government administration. (2) Participants are to consider and prepare an idea on sustainable forest management with collaboration of local government and community.	<b>【Target Organizations】</b> Central and local governmental organization which are responsible for forest policy administration <b>【Target Group】</b> 1) Current Duties: be an senior official/manager in central/local administrative organization which is responsible for forest management policy 2) Experience in the relevant field: have more than 15 years' experience in the field of forestry 3) Education Background: university graduates 4) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more			
CONTENTS	PROGRAM PERIOD	Oct. 5. 2008～Oct. 26. 2008		
(1) •Role of central and local government, and forestry cooperatives •History, policy, law system, land system etc. (2) •Decentralization on forest management policy and necessary policy and law system to implement decentralized forest management •Sharing experience of participating countries by report presentation and discussion based on the presentation (3) •Role of local government for community-participatory forest management •Public awareness activities such as environmental education and volunteer activities •Sustainable natural resources management for poverty reduction (4) •Preparation and presentation of action plan •Project Cycle Management (PCM) and Participatory Rural Appraisal (PRA) method	IMPLEMENTING PARTNER	Graduate School of International Development, Nagoya University		
	JICA CENTER	JICA Chubu		
	COOPERATION PERIOD	2008～2010		
	REMARKS			

<b>Wetland Conservation for Southeast European Countries</b> <b>南東欧地域湿原保全</b> Target Countries: Southeast European Countries		R/F		0884178
		Nature Conservation—Conservation of Biodiversity		
		5 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP			
To develop human resources who understand the techniques and tackling of wetland conservation, management and restoration and rehabilitation in Japan. To be able to distinguish the method and techniques which fit the actual circumstances of participants' countries. Moreover participants are capable of making policy and plans so that they can establish a cooperation system of related organizations and neighboring countries. 1) To be able to explain the Japan's system and ideas for natural environment conservation and regional development, 2) To be able to explain the international cooperation associated with the Ramsar Convention, World Heritage Convention, and Convention on Biological Diversity, 3) To be able to utilize the knowledge and skills related to wetland restoration and rehabilitation, 4) To understand the importance of environmental education and be able to apply ideas for programs in own countries, 5) To be able to create a clear orientation for the establishment of cooperative systems for the conservation of cross-border wetlands	<b>【Target Organizations】</b> Organizations that are directly involved with tasks related to natural conservation, the management of natural parks, and the spread of environmental education <b>【Target Group】</b> (1) To be directly involved with tasks related to natural conservation, the management of natural parks, and spread of environmental education (2) To have more than five (5) years of experience in this field (3) To be no more than forty (40) years of age due to a lot of field work involved			
CONTENTS	PROGRAM PERIOD	Jul. 13. 2008 ~ Aug. 16. 2008		
Preparatory phase: Submit the job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire. Program in Japan: This program consists of lectures, practical exercises, observation and discussion, 1) Japan's natural environment and wetland conservation, Japan's wetland conservation administration, Japan's biodiversity conservation administration, 2) Strategy on Japan's biodiversity conservation administration, Ramsar Convention, 3) Wetland restoration and rehabilitation, wildlife conservation and management, Wise use of wetland environments, 4) Environment education, regional efforts toward wetland conservation, 5) Wetland conservation promoted by international organizations, research on cross-border migratory birds' flyways, 6) Formulation and presentation of the action plan, which describes projects, outputs, major activities and etc., after returning home country	IMPLEMENTING PARTNER	Hokkaido University Ramsar Center		
	JICA CENTER	JICA Obihiro		
	COOPERATION PERIOD	2006～2008		
	REMARKS			

Target Countries: Africa

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants are expected to acquire essential knowledge and practical skills on sustainable forest administration and management necessary to develop appropriate forms of sustainable forest eco-tourism in their respective countries. Upon successful completion of the course, participants will be expected:</p> <p>(1) To understand the conceptual frameworks of sustainable ecosystems;                      (2) To understand the basic knowledge and practice of sustainable forest management;                      (3) To deepen their understanding on the participatory approach of sustainable eco-tourism including forest eco-tourism; and                      (4) To be able to propose action plans for accomplishing integrated forest management in their respective countries</p>	<p>(1) Administrative officers in charge of the eco-tourism development, forest management, agro-forestry management, and/or sustainable land management in governmental bodies, or researchers who contribute to policy decision-making                      (2) Individuals with at least three (3) years of practical experience in the field of forest management and/or Eco-tourism development                      (3) Understanding of the general concepts of forest management, eco-tourism, and sustainability                      (4) University graduates or equivalent</p>	
CONTENTS	PROGRAM PERIOD	Jul.1.2008~Jul.31.2008
<p>Preparatory phase: Participant should prepare a "Country Report" which describes the present situation and problems related to eco-tourism development and (sustainable) forest management.</p> <p>Curriculum in Japan:                      (1) Country Report Presentations                      (2) Sustainable forest management: Conceptual frameworks of sustainable forest management, administration, education on environment, timber industry, forest management union                      (3) Sustainable eco-tourism including forest eco-tourism: New concepts of sustainable tourism, sustainable tourism promotion in Japan(with case studies),                      (4) Tourism in Hokkaido and others: sustainable forest development case studies, forest management in local government/community,                      (5) Proposition of action plans</p>	IMPLEMENTING PARTNER	Hokkaido University
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006~2008
	REMARKS	Expected number of participants per country: 2-3

Target Countries: Pacific rim countries

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants are expected to enhance their knowledge on the concept of Criteria and Indicators and enhance their capacities of application of C&amp;I for sustainable forest management thus contribute to the support of the private sectors's activities such as forest certification and labelling scheme.</p> <p>This training program aims at following ;                      (1) To obtain basic knowledge and latest information on C&amp;I and forest certification,                      (2) To develop a better understanding of good practices piloted in Japan,                      (3) To acquire practical knowledge on planning, implementation and monitoring of C&amp;I and forest certification in participants' respective countries.                      (4) To draft Action Plan based on the acquired knowledge and experiences in the training program.</p>	<p><b>【Target Organizations】</b>                      Government departments in charge of forest management</p> <p><b>【Target Group】</b>                      1) Current Duties: preferably to be an administrative official or researcher currently or soon to be engaged in C&amp;I or forest certification,                      2) Experience in the relevant field: should have more than 5 years of practical experience in forest management/research or equivalent,                      3) Educational Background: should be a university graduate or have an equivalent qualification</p>	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Oct.31.2008
<p>[Preliminary Phase]                      - Preparation of Inception Report</p> <p>[Lectures &amp; Observation]                      - Criteria &amp; Indicators (C&amp;I)                      - MAR (Monitoring, Assessment and Reporting)                      - Forest Certification Systems / Labeling Systems                      - Certified timber /Certified forest products                      - Case study of Sustainable Forest Management in which Forest Certification Systems are applied</p> <p>[Others]                      - Country Report Presentation                      - Discussions                      - Action Plan Presentation</p>	IMPLEMENTING PARTNER	Hokkaido Research Center, Forestry & Forest Products Research Institute
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2007~2009
	REMARKS	

Rehabilitation of degraded lands in Asia and Africa アジア・アフリカ地域 荒廃地の植生回復		R/F	0884210
Target Countries: Asian and African Countries		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The course is designed to enhance participants' practical skills, understanding and knowledge of land rehabilitation, taking into account the unique environmental and socio-economic conditions of specific local areas.</p> <p>At the end of the course, participants are expected to:</p> <p>(1) understand the ecological approaches and methods in rehabilitating degraded lands with a special emphasis on the uniquenesses of indigenous ecosystems</p> <p>(2) deepen understanding of integrated land use planning, natural resource management and public involvement through hands-on activities for ecological and rehabilitation.</p>	<p><b>【Target Organizations】</b> Organizations engaged in the planning and implementation of rehabilitation of degraded lands (e.g. Forestry Agency/Ministry of Agriculture and Forestry; Land Use Planning Agency, University)</p> <p><b>【Target Group】</b> (1) Senior technical staff or researchers engaged in land rehabilitation planning and implementation at a local government level, especially at a community (2) Individuals under the age of 46 (3) University graduates or the equivalent with a good command of spoken and written English (4) Pregnancy is regarded as disqualification.</p>		
CONTENTS	PROGRAM PERIOD	Nov.4.2008~Dec.19.2008	
<p>1. Understanding the basic idea for land rehabilitation by lectures and works: 1) An ecological approach to restore indigenous vegetation (phytosociology, syntaxonomy, plant taxonomy, regional vegetation monographs, mapping actual and the potential natural vegetation, natural history); 2) planning for ecosystem conservation and restoration based on vegetation ecology; 3) land rehabilitation techniques for unique local ecosystems (reforestation techniques based on the concept of potential natural vegetation, creating the environmental protection forest); 4) ecological monitoring and evaluation of the quality, structure, and function of the restored ecosystem; 5) integrated land use planning and sustainable natural resource management for preventing land degradation</p> <p>2. Presentation: 1) Job Report at the first stage of the course; 2) Draft Action Plan at the final stage of the course describing the participant's recommendations and hands-on activities for the land rehabilitation in their countries.</p>	IMPLEMENTING PARTNER	Institute for Global Environmental Strategies, Japanese Center for International Studies in Ecology	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2007~2009	
	REMARKS	All the nominees are requested to submit a Job Report describing their responsibilities, problems faced in their countries, field of particular interest and the reason.	



Target Countries : Asia and Pacific countries with coral reefs


4 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to understand the methods of necessary surveys and policies to promote the conservation and sustainable use of coral reefs, and the importance of integrated management of coastal ecosystems.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand the role of coral reefs, the relationship between coral reefs and human activities, and the importance of the proper management of coral reefs.                      (2) To understand the theory and methodology of the conservation and restoration of coral reefs.                      (3) To understand tourism and the environmental education of coral reefs.                      (4) To understand methods of planning and designing the integrated management of coral reefs and to make a management plan (or action plan) of their countries.                      (5) To understand the importance and various methods of monitoring of coral reefs.</p>	<p>[Target Organizations]                      Administrative body (both central and local) engaged in coral reef conservation or the development planning of coastal areas and its resources</p> <p>[Target Group]                      (1) Administrative officials presently engaged in coral reef conservation or development planning of coastal areas and its resources                      (2) Individuals with practical experience of 5 years or more in the field mentioned above                      (3) Individuals under 45 years of age                      (4) Individuals with sufficient skills to snorkel in a sea</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.27.2008~Jul.26.2008</p>
<p>&lt;Preparatory phase&gt;                      Formulating a job report describing the present situation of coral reefs in the participants' countries and participants' detailed work in their organizations, roles of their organization.</p> <p>&lt;Program in Japan&gt;                      This program consists of lectures, practical exercises, discussions, report-making, presentation, and observation tours.                      The main subjects are as follows:                      (1) Conservation and sustainable management of coral reef ecosystems                      (2) Methods of monitoring and conserving coral reef areas                      (3) Tourism and environmental education of coral reefs                      (4) Collaborative management of coastal areas with stakeholders                      (5) Making and presenting the action plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Japan Wildlife Research Center</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005~2009</p>
	<p><b>REMARKS</b></p>	<p>Some of program is Joint program with "Conservation and Sustainable Management of Mangrove Ecosystem" (J0800712)</p>

Target Countries: Countries with mangrove area

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to understand the techniques and methods of conservation and rehabilitation of mangrove ecosystems, and understand the importance of the integrated management of coastal ecosystems.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand main roles and functions of mangrove ecosystems, and to acquire knowledge on importance of conservation, monitoring, and sustainable utilization of mangrove resources, including non-destructive utilization such as eco-tourism.</p> <p>(2) To acquire basic knowledge on plant taxonomy; forest ecology, nursery practices and plantation techniques including know-how to collect propagules, and plant seedlings/propagules, and how-to manage mangrove nursery and how-to look after planted seedlings.</p> <p>(3) To understand the integrated relation of mangrove ecosystems and their neighboring sea-grass ecosystems and coral reefs; understand the needs of conservation of integrated coastal ecosystems as a whole.</p> <p>(4) To acquire basic technique of making promotional or educational materials which can be used in one's own country/region; to acquire how to make effective presentation for public awareness and knowledge on how to write a simple project proposal.</p>	<p>[Target Organizations] Those engaged in mangrove conservation or management</p> <p>[Target Group] (1) Individuals with at least 3 years of experience in the above-mentioned field (2) Individuals presently working in the field of conservation/rehabilitation of mangroves as a leader (or an expected leader) (3) Individuals 24-35 years of age</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.27.2008~Aug.16.2008</p>
<p>&lt;Preparatory phase&gt; Formulating a country report describing the present situation of mangrove ecosystems in the participants' countries and roles of their organization.</p> <p>&lt;Program in Japan&gt; This program consists of lectures, field work, discussion, report-making/presentation, and observation tours.</p> <p>(1) Ecology and plant physiology (2) Silviculture (3) Management plan and strategy of mangrove ecosystems (4) Coastal ecosystems conservation (5) Report/action plan-making (6) Presentation of an action plan</p>	<p>IMPLEMENTING PARTNER</p>	<p>INT'L SOCIETY FOR MANGROVE ECOSYSTEMS(ISME)</p>
	<p>JICA CENTER</p>	<p>JICA Okinawa</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	<p>Some of program is Joint Program with "Management Conservation of Coral Reef Ecosystem in the Asia-Pacific Region" Program (J0800710)</p>

<b>Environmental Education for Sustainable Development—Conservation of Coastal Ecosystems for Lives of Local Communities—</b> <b>持続可能な開発のための環境教育—沿岸生態系と住民生活の保全—</b>		GROUP 	0880031
Target Countries: Maritime Countries with tropical or sub-tropical areas		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To enable participants to understand the importance of promoting a community based approach, human networking for sharing information and experience and a wide range of participation of community, which are proposed in the 'United Nations Decade of Education for Sustainable Development' and 'ACD (Asia Cooperation on Dialogue) of environmental education', and to promote those activities through education for sustainable development or environmental education.</p> <p>To reach the objective, participants are expected to achieve the following outputs:</p> <p>(1) Understand the functions, roles and importance of integrated coastal ecosystems including mangrove, sea grass and coral reef ecosystems and understand how to sustainably use those resources in harmony with local residents and communities.</p> <p>(2) Understand what is environmental education for sustainable development and how to promote it in comparison with other education models.</p> <p>(3) Understand simple methods of monitoring coastal ecosystems, and sustainable utilization, such as eco-tourism.</p> <p>(4) Write a practical program and action plan in order to make proposals for their communities or policy proposals for their governments on education for sustainable development after returning home country.</p>	<p>[Target Organizations] Organizations presently engaged, or who may be engaged in future in designing, promoting or practicing education for the sustainable development or environmental education (public sector, local government, private sector or NGOs, etc.)</p> <p>[Target Group] (1) Individuals engaged in the above-mentioned fields (2) Individuals engaged in environmental education for at least 2 years (3) Individuals under 36 years of age</p>		
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Nov.8.2008	
<p>&lt;Preparatory phase&gt; Formulating a country report describing the present situation of environmental education in the participant's country and the role of their organization.</p> <p>&lt;Program in Japan&gt; This course consists of lectures, practical exercises, discussions, making and presenting reports, and observation tours.</p> <p>(1) Coastal ecosystems conservation (2) Environmental education for sustainable development (3) Traditional uses and eco-tourism (4) Simple methods for monitoring (5) Making and presentation of an action plan</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>INT'L SOCIETY FOR MANGROVE ECOSYSTEMS(ISME)</p> <p><b>JICA CENTER</b></p> <p>JICA Okinawa</p> <p><b>COOPERATION PERIOD</b></p> <p>2005~2009</p>		
	<p><b>REMARKS</b></p>	<p>This program will promote "A Prime Mover Project in the Asia Cooperation Dialogue (ACD) of Japan Environmental Education."</p>	

Satellite Remote Sensing Data Analysis Technology for Disaster/Environmental Monitoring 災害・環境監視のための衛星リモートセンシングデータ解析技術		GROUP  0880068
Target Countries : countries hoping for disaster/environment monitoring with SAR technology		Nature Conservation—Nature Conservation 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Program Objective: This program enables technicians and researchers to analyze SAR and other remote sensing data as a tool leading to solutions for disaster/environmental problem in their respective countries.</p> <p>Output: To achieve the above Program Objective, participants are expected;</p> <ol style="list-style-type: none"> <li>1) To be able to explain the principle and analysis method of SAR and other data,</li> <li>2) To be able to carry out basic processing of SAR and other data,</li> <li>3) To be able to apply SAR and optical sensor data to disaster/environmental monitoring and integrate the data into map information, and</li> <li>4) To be able to make case study analysis and report the result by using SAR and other data.</li> </ol>	<p>Eligible / Target Organization: This program is designed for Governmental organizations hoping for disaster/environment monitoring by means of improving remote sensing data analysis, especially SAR technology. And it is desirable that the organizations are prepared or planning systems and working environments that facilitate propagation and utilization of learned techniques.</p> <p>Nominee Qualifications: Applying Organizations are expected to adequately select nominees. Nominees must;</p> <ol style="list-style-type: none"> <li>(1) be university graduates, or the equivalent with a fundamental knowledge of physics and mathematics,</li> <li>(2) be technicians and researchers in the field of remote sensing (be desirable to have an experience of analysis of satellite images), associated with organizations of disaster/environmental management,</li> <li>(3) be under forty years of age in principle,</li> <li>(4) have a good command of English in speaking and writing.</li> </ol>	
CONTENTS	PROGRAM PERIOD	Aug. 3. 2008～Sep. 12. 2008
<p>Preliminary Phase:</p> <ol style="list-style-type: none"> <li>(1) Self study</li> <li>(2) Preparation for Presentation of Inception Report</li> </ol> <p>Core Phase in Japan:</p> <ol style="list-style-type: none"> <li>(1) Inception Report Presentation</li> <li>(2) Principles and analysis method of SAR and other data <ul style="list-style-type: none"> <li>- Introduction of remote sensing and ALOS data</li> <li>- Theory of SAR, data correction</li> </ul> </li> <li>(3) Basic and advanced processing of SAR and Optical Sensor data <ul style="list-style-type: none"> <li>- SAR image interpretation</li> <li>- Radiometric and Geometric correction</li> <li>- Image processing from raw data</li> <li>- Theory of interferometric SAR (InSAR) and polarimetric SAR (PolSAR)</li> <li>- SAR analysis</li> </ul> </li> <li>(4) Integration of disaster/environmental SAR and Optical Sensor data into geographic information <ul style="list-style-type: none"> <li>- Applied analysis of SAR and optical data for disaster monitoring</li> <li>- Applied analysis of SAR and optical data for environment monitoring</li> <li>- Integrated use of the analysis result and map information</li> </ul> </li> <li>(5) Output Presentation by using SAR and other data analysis <ul style="list-style-type: none"> <li>- Case study analyses with respective countries' data</li> <li>- Presentation and discussion</li> </ul> </li> </ol> <p>Finalization Phase: Participant</p> <ol style="list-style-type: none"> <li>1) Presentation of his/her output</li> <li>2) Development of teaching materials</li> </ol> <p>Participating organization</p> <ol style="list-style-type: none"> <li>3) Submission of teaching materials, comments and Action Plan</li> </ol>	IMPLEMENTING PARTNER	Remote Sensing Technology Center of Japan
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008～2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Action plans to disseminate environmental education through nature experience based on the situation of participants' home countries are considered by their organization.</p> <p><b>【Outputs】</b> 1) Participants will understand the current situation of environmental education through nature experience in Japan and other participants' countries, through job report presentation and case study of local government, primary school and enterprises etc. in Japan. 2) Participants will understand the methods of environmental education through nature experience and its usefulness focusing on the experience of Lake Biwa basin. 3) By the end of the core phase in Japan, participants will make draft action plans to disseminate environmental education through nature experience utilizing knowledge and skills acquired in Japan.</p>	<p><b>【Target Organizations】</b> •National or Local Government or comparable organization •NGOs, Schools</p> <p><b>【Target Group】</b> 1) be an administrative officer, NGO staffs, school teachers or comparable qualifications in charge of dissemination of environmental education 2) have more than 3 years experience in the field of environmental education 3) be a graduate of university 4) between the ages of 25 and 40 years</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.18. 2008～Sep.26.2008</p>
<p>〈Preparatory Phase in participants' home countries〉 Formulation of Job Report 〈Phase in Japan〉 •Current situation and future prospects of environmental education in Japan •Understand the function of facilities for environmental education through nature experiences •<b>【Practice &amp; Experience】</b>Environmental Education Programs using local resources •Various Theory and Practices •Formulation and presentation of draft Action Plan, Discussion of Action plans 〈Finalization Phase in participants' home countries〉 •Sharing and discussing of draft action plan in the participating organization •Finalizing draft Action Plan and submitting Final report including description of progress of Action Plan implementation to respective JICA Regional Offices</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>International Lake Environment Committee etc.</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【OBJECTIVES】</b> Environmental education programs to arouse awareness for environmental conservation are implemented by participants in their respective countries.</p> <p><b>【OUTPUTS】</b> (1) Be able to explain current situation and its problems of natural environment of their country and importance of environmental education as measures for environmental conservation (2) Be able to implement environmental education methods, which center around nature experience (3) Share environmental education program, which is applicable to participant's country, among participant's organization</p>	<p><b>【TARGET ORGANIZATIONS】</b> Nature Conservation Organization, Education Institution, or NPOs/NGOs which engage in environmental education.</p> <p><b>【TARGET GROUP】</b> • Central or local government officers or the member of NGOs/NPOs who are closely involved in planning and management of environmental education and expected to be in charge of such duties. • Have over 3 years of experience in environmental education. • Have a sufficient command of speaking and writing English in order to undertake the course as a lot of time is allocated for discussion;</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Oct.20.2008～Nov.29.2008</p>
<p>(1) PRELIMINARY PHASE: Participants make a report on current situation and its problems of natural environment of their country and participant's occupation.</p> <p>(2) CORE PHASE IN JAPAN: 1) Review on current situation and its problems of natural environment of their country through presentation and discussion on the report. 2) Comprehensive understanding of environmental education. 3) Understanding of environmental education framework in Japan. 4) Understanding of roles of nature school. 5) Practice environmental education programs using local resources. 6) Practice environmental education methods, which center around nature experience. 7) Make action plan for implementing and disseminating environmental education in participant's country. 8) Presentation and discussion on action plan.</p> <p>(3) FINALIZATION PHASE: Participants share action plan among participant's organization and making progress report of action plan by participant's organization.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>NPO Institute of Whole Earth</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chubu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

Target Countries: Maritime Countries with tropical or sub-tropical areas

10 participants /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to learn the methods of planning and implementation of eco-tourism utilizing tourism resources in island countries of tropical and subtropical areas, such as coral reefs and mangroves, to plan and implement eco-tourism which balanced with environment management.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To acquire the knowledge and skills necessary to plan and manage eco-tourism in a locality.</p> <p>(2) To understand the eco-tourism implementation system such as human resource development, utilization, etc. in Okinawa.</p> <p>(3) To understand the resource distribution survey and arrangement method used in Okinawa.</p> <p>(4) To prepare and make a presentation of eco-tour program through the use of area resources.</p> <p>(5) To prepare and make a presentation of action plan.</p>	<p>[Target Organizations]                      Engaged in the planning and management of tourism development and eco-tourism (administrative agencies, public corporations or NGOs, which work together with administrative agencies)</p> <p>[Target Group]                      (1) Individuals with at least 3 years of experience in the above-mentioned field                      (2) Individuals under 35 years of age</p>	
CONTENTS	PROGRAM PERIOD	Apr.1.2008~Jun.28.2008
<p>&lt;Preparatory phase&gt;                      Formulating a job report describing the present situation of coral reefs in the participants' countries and participants' detailed work in their organizations, roles of their organization.</p> <p>&lt;Program in Japan&gt;                      This program consists of lectures, practical exercises, discussions, report-making, presentation, and observation tours.                      The main subjects are as follows:                      (1) Eco-tourism: the current state and issues.                      (2) Government sector's initiatives toward tourism development and environmental conservation.                      (3) Natural environment and conservation efforts in tropical and subtropical areas.                      (4) Resources development (including human resources), presentation, etc.                      (5) Preparation and presentation of eco-tour program and action plan</p>	<p>IMPLEMENTING PARTNER</p>	Okinawa Environment Club
	<p>JICA CENTER</p>	JICA Okinawa
	<p>COOPERATION PERIOD</p>	2004~2008
	<p>REMARKS</p>	<p>(1) Carrying out an "Issue analysis workshop".                      (2) JICA-Net lecture by the ex-participants of this course.</p>

Target Countries: Africa

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>(1) Understand the basic theory of wildlife management and wildlife research methodology as well as its analysis skills, for the improvement of wildlife research activities.</p> <p>(2) Understand the present situation of wildlife management of other countries for the improvement of wildlife protection and management activities.</p> <p>(3) Understand how to formulate an implementation plan (action plan) applying information and knowledge obtained through the course, for the improvement of wildlife management or research activities.</p>	<p>Technical officials who are engaged in wildlife management and research work in government or parastatal organizations with three (3) years or more of experience.</p>	
CONTENTS	PROGRAM PERIOD	Aug.17.2008～Oct.16.2008
<p>The curriculum consists of the following three parts.</p> <p>(1) Lectures</p> <ul style="list-style-type: none"> <li>• Basic theory of wild-life management research method</li> <li>• Management/Analysis of research data and creation of information systems</li> <li>• Basic wildlife policies and their historical background in Japan and other countries.</li> <li>• System of natural parks in Japan and other countries, their management and use for tourism.</li> </ul> <p>(2) Field visit</p> <p>(3) Presentation and discussion</p> <ul style="list-style-type: none"> <li>• Country report presentation</li> <li>• Case studies of wildlife conservation and management</li> <li>• Comprehensive discussion concerning the current situation of wildlife management in Africa.</li> <li>• Action plan (preparation, presentation and discussion)</li> </ul>	IMPLEMENTING PARTNER	Japan Wildlife Research Center
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007～2009
	REMARKS	




OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【OBJECTIVES】</b>                      Environmental education programs to arouse awareness for environmental conservation are implemented by participants in their respective countries.</p> <p><b>【OUTPUTS】</b>                      (1) Be able to explain current situation and its problems of natural environment of their country and importance of environmental education as measures for environmental conservation                      (2) Be able to implement environmental education methods, which center around nature experience                      (3) Share environmental education program, which is applicable to participant's country, among participant's organization</p>	<p><b>【TARGET ORGANIZATIONS】</b>                      Nature conservation organization, education institution, or NPOs/NGOs which engage in environmental education</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Sep.15.2008~Oct.18.2008</p>
<p>(1) PRELIMINARY PHASE:                      Participants make a report on current situation and its problems of natural environment of their country and participant's occupation</p> <p>(2) CORE PHASE IN JAPAN:                      •Review on current situation and its problems of natural environment of their country through presentation and discussion on the report                      •Comprehensive understanding of environmental education                      •Environmental education in Japan                      •Understanding of roles of nature school                      •Practice of environmental education programs using local resources                      •Practice of environmental education methods, which center around nature experience                      •Making action plan for implementing and disseminating environmental education in participant's country                      •Presentation and discussion on action plan</p> <p>(3) FINALIZATION PHASE:                      •Sharing action plan among participant's organization and making progress report of action plan by participant's organization.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>NPO Institute of Whole Earth</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chubu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Jan.19.2009 to Feb.28.2009 in the same content.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Under the theme of the waste disposal problem which is the common characteristic in Oceanian countries, ESD promotion plan will be formulated as suit the each countries' condition.</p> <p><b>【Outputs】</b>                      (1)To understand the Japan's environmental policy and projects.                      (2)To understand the education for community and human development in a sustainable way through environmental issues.                      (3)To understand waste disposal problems, international trends and an environmental education.                      (4)To learn planning of problem solution and business promotion method utilizing the regional characteristics.                      (5)To formulate action plans for sustainable development of a region in each country.</p>	<p><b>【Target Organizations】</b>                      Ministries related ESD (such as Ministry of Environment, Education, Economy, Foreign Affairs and so on)</p> <p><b>【Target Group】</b>                      1)Current Duties: be an officer, technical officers in the administrative bodies who is presently engaged in the field of environmental policy or environmental education                      (Participants from not only the Ministry of Environment and Education but also other ministries and agencies are acceptable)                      2) Educational Background: be equal or surpassing to a graduate of university                      3)Age: be between the ages of twenty-six (26) and forty (40) years</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Oct.5.2008～Oct.25.2008</p>
<p>Output(1)                      •To take lectures about outline of basic environment plan of central and local government in Japan.                      •To take lectures about autonomy's activities from Nishinomiya City.</p> <p>Output(2)                      •To take lectures about basic notion of ESD                      •To visit the sites of education and activity of ESD in Nishinomiya City</p> <p>Output(3)                      •To visit Nishinomiya Waste Treatment Facility and private waste treatment facility                      •To take lectures about economic activity related to waste products and international trend</p> <p>Output(4)                      •Visit a school and local community to learn environmental education for waste products                      •To have a workshop of business solution about regional development</p> <p>Output(5)                      To make up an action plan through a workshop</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Learning and Ecological Activities Foundation for Children</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	<p>Three (year-on-year) objectives are set for each year's training. And utilize ex-participants to the next year's training to make linkage among 3 year's training.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Technical staffs of governmental and municipal offices for nature conservation or biodiversity conservation can acquire knowledge of collection, analysis, and dissemination of biodiversity information, and can have the ability to build and manage their own information system for biodiversity conservation of their countries.</p> <p><b>【Outputs】</b>                      (1) To understand the nature conservation policies in Japan, and to designate the actual situation and the current issues in their countries.                      (2) To explain the basic techniques of biodiversity data collection, and to acquire basic operation of the information systems.                      (3) To explain the necessary GIS techniques for data management and dissemination, and to acquire basic operation of GIS.                      (4) To explain biodiversity information dissemination (e.g. Web site design) through the Internet, and to acquire basic operation of related softwares.</p>	<p><b>【Target Organizations/group】</b>                      Governmental or municipal offices for nature conservation or biodiversity conservation</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Sep.4.2008～Oct.27.2008</p>
<p>(1) (Before the course)                      - To make a report of actual situation and current issues of biodiversity conservation and information systems in their countries.</p> <p>(During the course)                      - Presentation and discussion of the reports mentioned above.                      - Lectures of the Japanese policies related to national parks and nature conservation, and tours of national parks in Japan.</p> <p>(2) (During the course)                      - Lecture of outline of Biodiversity Center of Japan.                      - Lecture of National Survey on Natural Environment and Monitoring site 1000 project in Japan.                      - Lecture of data collection on Biodiversity Information System in Japan.</p> <p>(3) (During the course)                      - Lecture of data collection on Biodiversity Information System in Japan.                      - Lecture of remote-sensing, GIS, and GPS application.                      - Practice of computer network, the Internet, and database.</p> <p>(4) (During the course)                      - Lecture of data dissemination to the general public in Japan.                      - Lecture of Web GIS application for data dissemination.                      - Practice of Web site design and GIS operation.</p> <p>(5) (During the course)                      - Practice to build biodiversity information system.                      - Practice to make action plan and to prepare presentation.                      - Presentation and discussion of their action plans.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Biodiversity Center of Japan, Nature Conservation Bureau, Ministry of the Environment</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b>                      This course aims at achieving consensus for challenges on forest watershed management among the related persons and clarified the issues on implementing projects and business for the solution.</p> <p><b>【Output】</b> By the end of the course, participants are expected to:</p> <p>(1) understand the forest operation to improve water and soil conservation function of forest, forest management system, forest soil management, soil saving techniques to acquire ability of applying the knowledge in respective countries,                      (2) understand Japanese forest and watersheds management system, to acquire the ability of applying the skill in respective countries,                      (3) understand methodologies for making action plan and formulate and present the action plan, which is based for the challenges on forest watershed management in respective countries and the applicable technology/system.                      (4) having consensus for challenges on forest watershed management among the related persons and organizing important issues for improvement of implementing projects and business within 6 months after returning to home country.</p>	<p>Official technical staff who is responsible for administration for forest and forestry, or NGO's project managers related to forest management or equally experienced persons.</p>	
<p align="center"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Aug.24.2008～Oct.25.2008</p>
<p>&lt;Preliminary Phase in home country&gt;                      Making a Country Report describing job outlines, the status of forest watershed environment and forest management.</p> <p>&lt;Core Phase in Japan&gt;                      The program mainly covers the following subjects in lectures, site visits and exercise:                      1)Forest soil survey                      2)Forest hydrology and theory of water conservation and erosion control                      3)Soil &amp; water conservation technologies in subtropical zone                      4)Social institution and policy with relation to soil &amp; water conservation                      5)Formulation of a concept of action plan</p> <p>&lt;Follow-up Phase&gt;                      Participants are expected to implement the Action Plan and report on the progress.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>JAPAN FOREST TECHNOLOGY ASSOCIATION</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005～2009</p>
	<p><b>REMARKS</b></p>	

# 14. Fisheries

<b>Stock management and Enhancement in the Sea</b> <b>海域における水産資源の管理及び培養</b>		GROUP 	0880336
		Fisheries—Fisheries Resource Management	
Target Countries : Maritime countries		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The objective of this program is as follows: 1. To Understand the following points (1) The method of hatchery enhancement (2) The method of seed-release situation (3) Conservation of the nursery ground and method arrangement of artificial reef (4) The importance of the fishery ground environment (5) The analysis method of environmental chemistry in fishing grounds (6) The method of improvement of coastal fishing ground (7) The statistical method on the evaluation of stocking effectiveness for fisheries resources.  2. To make a Study Report	(1) University graduates or equivalent academic level with over 5 years of work experience (2) Individuals presently engaged in research and/or educational activities in fisheries (3) Individuals in good health to undergo fisheries field work		
CONTENTS	PROGRAM PERIOD	Jun.30.2008~Oct.26.2008	
This training course is formulated to cover the following programmes in order to obtain basic knowledge, both in theory and practice, of the marine farming: (1) Theory of Community Ecology, (2) Fisheries Pollution (3) Environmental Chemistry, (4) Fish Disease (5) Food nutrition for rearing (6) Preparing of Artificial Reef and Nursery Ground (7) Benthos and Plankton, (8) Hatchery Enhancement(Fish Seeding) (9) Seed- release Situation, (10) Fisheries Genetics (11) Statistical Method on the Evaluation of Stocking Effectiveness for Fisheries Resources, (12) Fish Taxonomy (13) Early Life History at Fishes, (14) Botany at Seaweed A self-study session is prepared for each participant' specialty, such as Fisheries Stock Management, Fisheries Ecology and Environmental Chemistry	IMPLEMENTING PARTNER	USA MARINE BIOLOGICAL INSTITUTE, KOCHI UNIVERSITY	
	JICA CENTER	JICA Shikoku	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Japanese intensive class(60hours at Kochi University)	

<b>Prevention of Cultured Fish Disease and Fish-Borne Disease</b> <b>養殖魚の健康と安全管理</b>		GROUP 	0880351
		Fisheries—Stock Enhancement and Aquaculture	
Target Countries : Countries with coastline or lakes suitable for seafood cultivation		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The objective of this program is to deepen the knowledge relevant to hygienic handling of fishes as well as the diagnosis and prevention of fish disease. To attain the objective, participants are expected to achieve the following: (1) To clearly mention the present conditions and problems on aquaculture in each country in the form of an Inception Report. (2) To understand the hygienic handling of aquacultured products. (3) To understand the diagnosis and prevention of cultured fish disease. (4) To suggest a problem-solving plan on aquaculture in each country (Strategy Plan), from the aspects of hygienic handling or preventive measures of fish disease.	[Target Organizations] National or regional governments in charge of promoting aquaculture, fish processing and distribution  [Target Group] (1) Administrators in charge of promoting aquaculture, fish processing and distribution for at least 5 years (2) Those who graduated undergraduate and/or graduate university. (3) Those who are excellent in English communication —for example TOEFL CBT Score 250 or above.		
CONTENTS	PROGRAM PERIOD	Aug.26.2008~Oct.31.2008	
(1) Implementation of Inception Report Presentation (Presentation and Discussion) (2) Technique of Hygienic Handling of Aquacultured Products (Lecture and Practice) (3) Seafood Hygiene (Lecture and Practice) (4) Preventive Measures of Fish Disease(Lecture and Practice) (5) Drafting and presentation of a Problem-solving Plan (Strategy Plan)  * Besides the classes mentioned above, visits to fish-farmers and a wholesale market is scheduled as a study tour. * Participants are provided with 2-day individual training on the subject of personal interest by choosing from the curriculum, so that they can deepen their understanding on it.	IMPLEMENTING PARTNER	NATIONAL FISHERIES UNIVERSITY	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Sustainable Aquaculture Development 持続的増養殖開発		GROUP 	0880848
		Fisheries—Stock Enhancement and Aquaculture	
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program aims to train the participants to become technical experts who are able to plan and implement an appropriate sustainable aquaculture development strategy in order to contribute to the development of environment-conscious and sustainable aquaculture. Upon successful completion of the course, the participants are expected;</p> <p>1) To learn the theoretical knowledge like pathology and fish nutrition and so on 2) To acquire practical knowledge and technologies like seed production and grow-out culture, modern technologies of aquaculture, stock enhancement and so on 3) To gain the ability to devise an appropriate strategy for sustainable aquacultural development in their home countries.</p>	<p>&lt;Target Group&gt; (1) Individuals presently engaged in aquaculture extension or technical work with 3 years of experience or more, (2) University graduates or equivalent (3) Individuals with a sufficient ability of spoken and written English</p>		
CONTENTS	PROGRAM PERIOD	Mar.3.2009~Jun.24.2009	
<p>(1) Common Program: Outline of fisheries &amp; aquaculture, role of the FCA, post-harvest treatment, aquatic engineering, aquaculture economics, extension &amp; awareness, fish nutrition, fish feed preparation, biodiversity, environmental conservation, artificial maturation, biotechnology, fish genetics, gene analysis, parasitic diseases, practical field work in fish pathology, project cycle management, report consultation and presentation (2) Specific Program: (a) Freshwater aquaculture; Culture of common carp and others, gametogenesis and egg-quality, environmental conservation, self-sufficient small-scale aquaculture, case study, integrated aquaculture, field work for seed production (fancy carp, gold fish, grass carp, cat fish, willow gudgeon), site observation (b) Marine Aquaculture; seed production technology, sea farming, morphological anomalies, fish culture (grouper), culture of shrimp, crab, shellfish and seaweed, sustainable marine aquaculture and environmental conservation, sustainable world aquaculture, production and analysis of artificial feed, practical field work of living food organisms culture, site observation</p>	IMPLEMENTING PARTNER	Fisheries & Aquaculture International Co., Ltd	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Midway through the program, the program will be divided to two groups (Freshwater Aquaculture, and Marine Aquaculture)	

Coastal Fishing Technique for Sustainable Resource Use 持続可能な沿岸漁業		GROUP 	0880975
Target Countries: Maritime countries		Fisheries—Fisheries Resource Management	
		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Small-scale coastal fishing by artisan fishers accounts for the majority of the fisheries in developing countries. However, sustainable and effective fishing methods need to be diffused as resources decline. This program aims to enable participants to manage sustainable development and the diffusion of fisheries for the region for which the participants are responsible. To attain this objective, participants are expected to achieve the following: 1) To learn basic knowledge on the structure and capture function of fishing gear, 2) To learn fishing methods predominating in coastal fisheries through practice, 3) To learn the basic fishery resource biology, in particular, of target species in tropical coastal waters, 4) To learn the basic and applied knowledge of management of capture fisheries toward responsible fisheries, 5) To learn model method of proper management of capture fisheries through using one of major fishing gear, and 6) To learn comprehensive technical approaches for the extension and regulations of fishing techniques.</p>	<p>[Target Group] Ministries in charge of Fishing and Fish Resources Fisheries Training Institution</p> <p>[Target Group] 1. Individuals with more than 3 years of experience in fishing gear design and operation or engaged in extension service for coastal fishing techniques 2. University graduates or equivalent 3. Age: Preferably under 40 years old</p>		
CONTENTS	PROGRAM PERIOD	Feb.24.2009~Jun.13.2009	
<p>1. Introduction to fisheries and management in Japan, introduction to designing fishing gear, etc.: 2. Measurement in fishing technology: Module 3. Structure and operation of trawl: Module 4. Fishing ground survey and devices: Module 5. Bycatch/discard survey in set-net fishery: Module</p> <p>The module will provide both lectures and practice exercises (both at sea and on land)</p>	IMPLEMENTING PARTNER	KAGOSHIMA University	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	* As on-board training is included in this program, under 40 years of age is preferable.	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed for the refrigeration systems for fisheries to be maintained and managed properly through the following outputs:</p> <p>(1) Understanding the fundamental knowledge and calculation of refrigeration systems</p> <p>(2) Obtain skills for troubleshooting, repairing and maintaining refrigeration systems using attached instruments or tools through disassembly and assembly systems.</p> <p>(3) Acquire and understand the latest information on refrigeration systems, based on actual processes in production.</p> <p>(4) Acquire and understand how to read and prepare the drawings of electric control.</p> <p>(5) Understand the fundamental knowledge of electric wiring.</p>	<p><b>【Target Organizations】</b>                      Ministries, agencies, and other organizations in charge of maintaining and managing refrigeration systems for fisheries, preferably provided under the Grand Aid Scheme</p> <p><b>【Target Group】</b>                      Instructors in technical institutions, extension officers and heads of workshop, providing fishermen with technical training</p>	
CONTENTS	PROGRAM PERIOD	Jan.12.2009~Mar.21.2009
<p>* Theory of refrigeration systems                      (Heat and work / Fundamental law / Cycle / Heat transfer / Mollier diagram/ Refrigerant etc.)</p> <p>* Functions and construction of refrigeration systems                      (Brine / Compressor / Condenser / Evaporator / Refrigerating Equipment etc.)</p> <p>* Maintenance of refrigeration systems                      (Welding / Charge of refrigerants / Leakage test / Operation / Adjusting etc.)</p> <p>* Overhaul of Compressor</p>	IMPLEMENTING PARTNER	Nissin Refrigeration & Engineering LTD
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2007~2009
	REMARKS	For fiscal year 2009, this course will be implemented for both Oceania and Caribbean countries.




Target Countries: Oceania

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Enable participants to understand the way of sustainable fisheries resources management by enhancing the skills and knowledge related to fisheries resources diversification (which refers to the way in Okinawa, such as producing and deploying submergible FADs (Fish Aggregation Devices))</p> <p>To attain the objective, participants are expected to achieve the following:                      (1) Share experience and lessons learned through implementation of the action plans produced in the last year, and study further practices and mechanisms in management and utilization of coastal fisheries resources in Okinawa, that can be applied to the participants countries.                      (2) Acquire the adequate know-how in planning, coordination and implementation of community-based practice in Tonga.                      (3) Learn about monitoring and evaluation method for FADs fishery as well as new fishing practices around FADs.                      (4) Understand about several useful practices other than FADs relevant to the fisheries diversification in the Pacific Island States.                      (5) Produce a final action plan to be applied in the participants' home countries with mastering methodology on formulation of eligible and concise project proposals in terms of coastal fisheries resource management.</p>	<p><b>【Target Organizations】</b> Administrative bodies engaged in fisheries resource management</p> <p><b>【Target Group】</b> Participants having taken part in the 2nd year training program</p>	
CONTENTS	PROGRAM PERIOD	Oct.5.2008~Nov.22.2008
<p>&lt;Preparatory phase&gt;                      (1) Formulating a progress report which summarize the current progress of the action plan made in the 2nd year program.</p> <p>&lt;Program in Japan&gt;                      Implementing lectures, observation tours and practices related to the following topics:                      (1) Monitoring the effects of FADs fisheries                      (2) Introducing processing skills and distribution mechanism of fisheries resources in Okinawa                      (3) Introducing the roles of fisheries cooperatives in Okinawa                      (4) Participating in the fishing program in tourism sector</p> <p>&lt;Program in Third Countries (Fiji and Tonga(still under consideration))&gt;                      Implementing lectures, observation tours and practices related to the following topics:                      (1) Update the latest development and management on FAD fisheries                      (2) Practice in implementation of community-based approach                      (3) Formulating the final action plan</p>	<p><b>IMPLEMENTING PARTNER</b> Okinawa Environment Club / Fisheries &amp; Aquaculture Inter'l Co., Ltd.</p> <p><b>JICA CENTER</b> JICA Okinawa</p> <p><b>COOPERATION PERIOD</b> 2006~2008</p> <p><b>REMARKS</b></p>	<p>(1) Since this training program covers different topics each year of three years, which are closely inter-related, the same participants are to participate in a 3 year program.                      (2) A program in Fiji and Tonga(still under consideration) is to be carried out in the 3rd year training program.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objectives of this training course are to nurture the ability to make fishery policy by utilizing regional resources and administrative skills.                      Participants are expected:</p> <p>(1) To understand the "law and system" and "economy and management" on fishery.                      (2) To understand the systems of resource management and fishery management and the structure of regional fishery through analysis of the statistics index.                      (3) To understand the merits of sustainable regional fishery as the resource management fishery.                      (4) To understand the policy measures, budgets, systems, financing, maintenance of facilities and administration, in order to realize sustainable regional fishery.                      (5) To increase the skills to prepare and promote fishery promotion policy as government officials.</p>	<p>(1) Regional fishery governmental officers with experience of regional fishery promotion and management                      (2) Individuals with at least 5 years of experience in fishery promotion administration                      (3) University graduates in fisheries or the related economy, management, administration and law</p>	
CONTENTS	PROGRAM PERIOD	Mar.25.2009~Jun.20.2009
<p>(1) To raise awareness in order to make policy (Country and Job Report presentation/Issue Analysis Workshop).                      (2) To understand the systems and economy and to discover the issues of their own countries                      (3) "Law and system" and "economy and management" on fishery in Japan.                      (4) Resource management, regional fishery management and analysis of statistics index                      (5) Merits of sustainable regional fishery                      (6) Necessary policy measures for sustainable regional fishery                      (7) Administration of Japan and visit to an area with large consumption                      (8) Exercise and experience in municipality                      (9) Making 2 Action Plans (The plan for fishery promotion (draft) / Individual Action Plan (draft)).                      (10) To present and discuss the Action Plans shown above.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>NATIONAL FISHERIES UNIVERSITY</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chugoku</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	


<b>Planning of Fisheries Community Development</b> <b>漁業コミュニティ開発計画</b>		GROUP  0880852
Target Countries: Countries with coastline or large lakes (670km <sup>2</sup> or more)		Fisheries—Rural Development in Fisheries 10participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this program is to enhance participants' and their organizations' capabilities for comprehensive fishing community development through understanding of Japanese cases of community-based development in fisheries sectors.</p> <p>Outputs of the course are as follows:</p> <ol style="list-style-type: none"> <li>To deepen the knowledge on sustainable fisheries development.</li> <li>To deepen the knowledge on institutional framework of community for fisheries development.</li> <li>To enhance the planning and management capabilities for fisheries community development, through the preparation and presentation of the action plan.</li> </ol> <p>(The organization of the participant is strongly recommended to formulate the fisheries community development plan prepared by the participant's action plan and to implement it.)</p>	<p>&lt;Target Organizations&gt;            Central or local government in charge of fisheries community development planning and its implementation</p> <p>&lt;Target Group&gt;            1. Individuals with more than 5 years of experience in the fisheries sector and 2 years of experience in policy making/planning in the fisheries development,            2. University graduates or equivalent,</p>	
CONTENTS	PROGRAM PERIOD	Jul.13.2008~Oct.2.2008
<ol style="list-style-type: none"> <li>Preparatory Program               <ol style="list-style-type: none"> <li>Sharing common problems and recognition of the same regarding fisheries community development with the participant's organization.</li> <li>Preparing a country report, including a clear explanation of the present situation and problems regarding fisheries community development by the organization.</li> </ol> </li> <li>Program in Japan               <ol style="list-style-type: none"> <li>Sustainable fisheries development: Introducing the Japanese system of fisheries development and examples</li> <li>Institutional building and extension system: Formulating and managing fishermen organization, fishery extension system and service, and so on</li> <li>Comprehensive management for fisheries development: Introducing examples on coastal and the watershed environment, impact on aquatic resources, relations with other industries and so on</li> <li>Project planning and management: Analyzing problems and issues in the participants' own countries and introducing appropriate planning and management methods on community development plans</li> <li>Visit and Observation</li> <li>Action Plan formulation and presentation: This Action Plan will be prepared based on the country report and should be brushed up through acquainted knowledge of the course.</li> </ol> </li> <li>Post-program Activities               <ol style="list-style-type: none"> <li>Review of the Action Plan together with the organization</li> <li>Submission of the Final Report stating how the Action Plan was reviewed and what is the result</li> <li>Providing technical advice by the implementing partner to the final report</li> </ol> </li> </ol>	IMPLEMENTING PARTNER	I.C. Net Limited
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2004~2008
	REMARKS	


Coastal Fisheries Resource Management 沿岸漁業資源管理		GROUP  0880863
Target Countries : Maritime countries		Fisheries—Fisheries Resource Management 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program aims to realize any improvement through awareness of the existing problems or issues on policy making and/or system establishment of the coastal fisheries resource management in his/her own country.</p> <p>In order to accomplish the aim, the participants are expected to achieve the followings;</p> <ol style="list-style-type: none"> <li>1. To understand legal and regulation frameworks on sustainable coastal fisheries resource management,</li> <li>2. To understand various methods for fisheries resource management,</li> <li>3. To learn and acquire the resource management methods and improve the planning capacity</li> </ol> <p>(Organization of the participant is strongly recommended to formulate the coastal fisheries resource management plan based on the participant's action plan and to implement it.)</p>	<p>&lt;Target Organization&gt; This program is offered to central or regional governments responsible for policy making in the fisheries sector including research institutes.</p> <p>&lt;Target Group&gt;</p> <ol style="list-style-type: none"> <li>1. Officials in administration, policy planning and implementation of the coastal fisheries resource management in central or regional government including research institute</li> <li>2. Officials who have more than 2 years' experience in the field of coastal fisheries resource management, 5 years' experience in the fisheries sector</li> <li>3. University graduates or equivalent,</li> </ol>	
CONTENTS	PROGRAM PERIOD	Aug.19.2008~Oct.9.2008
<ol style="list-style-type: none"> <li>1. Preliminary Program Participants should study the designated documents, prepare a country report and submit it before coming to Japan</li> <li>2. Program in Japan The program is about 7 weeks in duration, including lectures, discussion, and observation tours. The topics covered are as follows: * Stock Assessment and Fisheries Management * Fisheries Management * Fisheries and the Environment * Increase of Fisheries Productivity * Fisheries Administration * Fisheries Education and Training * Problem analysis of Fisheries Management in the participants' respective countries</li> <li>3. Post-program Activities After the participants' return, (1) The actions described in the Report should be reviewed, authorized and implemented. (2) The result of the actions taken by the organization and the participant is reported as the Final Report at the time of 4 months after the return. (3) Implementing Partner will send technical advice to the Final Report.</li> </ol>	IMPLEMENTING PARTNER	INTEM Consulting, Inc.
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2004~2008
	REMARKS	The relevance of soft type Follow-up cooperation will be assessed based on the result of the final report.


# 15. Gender and Development


Seminar on Gender Perspective in Environment and Development 「環境と開発と男女共同参画」セミナー		GROUP	0880009
		Gender and Development—Gender and Development	
		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
In order to overcome environmental problems, it is essential to define the role of women in environmental preservation, as well as in the achievement of sustainable development. Considering the gender perspective, the objective of the seminar is to enable participants to understand the importance of balancing environmental conservation and national development and to help them implement countermeasures against pollution, especially in Asia. To reach the objective, participants are expected to achieve the following: 1. To understand the role of women in the preservation of the global environment and sustainable development 2. To acquire fundamental knowledge and various measures to reform the gender relationship in respective countries 3. To be able to carry out various environmental measures in an effective manner from the participant's individual standpoints (from government level to NGO level) 4. To understand the significance and importance of education on the environment and sustainable development, and to develop skills as a leader.	[Target Organizations] Department of Central/local governments engaged in gender affairs or environmental issues.  [Target Group] (1) Government officers or staff of NGOs in charge of gender issues or environmental issues with at least 3 years of professional experience (2) Under 45 years old (3) University graduate or equivalent (4) Have sufficient commands of spoken English		
CONTENTS	PROGRAM PERIOD	Jan.19.2009～Mar.5.2009	
1. Lectures, discussion and/or field studies (1) Women in the environment and development (2) Introduction to GAD (3) Introduction to environmental administration in Japan (Central/Local Governments) (4) Case Study --Peace, Development and Gender Equality (5) Women and the environmental movement in Kitakyushu city (6) Case study--Minamata Disease and pollution in Kitakyushu (7) Environmental activities of NGOs and private enterprises  2. Presentation (1) Country Report	IMPLEMENTING PARTNER	KITAKYUSHU FORUM ON ASIAN WOMEN	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2005～2009	
	REMARKS	*This program includes active participation in discussions and action plan development, thus requires high competence of English ability. *Participants are required to give a presentation to citizens on the situation of gender and the environment.	

Seminar: Educating Leaders of Communities for the Improvement of Women's Status and Quality of Life 女性の生活と地位向上に寄与するリーダーの養成		GROUP	0880033
		Gender and Development—Gender and Development	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Based upon what we have accomplished through the 50-year history of education for women, the goal of this program is to educate leaders who participate in women's rights, health and quality of life issues. Through the programs participants are expected to attain the following objectives: (1) To acquire basic knowledge of gender and problems caused by gender inequality. (2) To understand the endeavor for improvement in women's status and quality of life through examples in Kochi and in Japan. (3) To understand deeply women's problems in the countries of other participants. (4) To become fully conscious of the need to analyze and resolve women's problems in the respective countries of participants through all that they learn in the programs.	(1) Individuals who deal with the improvement of livelihood and social status of women (2) Individuals who work as local government officers or have an occupation associated with governmental services for local groups or organizations (3) Individuals with experience of social development (4) Graduates of high school or with a relevant academic background		
CONTENTS	PROGRAM PERIOD	Nov.17.2008～Dec.12.2008	
1. Lectures and discussions (1) History of women's life in Japan (2) Gender Studies (3) Home life improvement workers in communities (4) Women's health (5) Reproductive rights and health (6) Family sociology and women (7) Domestic violence and women (8) Women's empowerment and development (9) Quality of women's working life and social system  2. Final Report Preparation / Presentation	IMPLEMENTING PARTNER	Kochi Women's University	
	JICA CENTER	JICA Shikoku	
	COOPERATION PERIOD	2005～2009	
	REMARKS		

Seminar on the Promotion of Education for Girls and Women 女性の教育推進セミナー		GROUP 	0880209
		Gender and Development—Gender and Development Education—Other Education Issues 12 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Through this program, participants are expected: 1. To become familiar with administration and financial system of education in Japan and their historical development; 2. To upgrade their knowledge and capabilities in forming policy measures for the promotion of education for girls and women, and to devise a concrete action plan for their own countries; 3. To exchange information among participants, concerning the current situation and problems on educational systems and policy in their own countries; 4. To have a better understanding of Japan and the Japanese society, culture and people.	(1) Government officers of the Ministry of Education, Educational Committee, or similar institutions, in charge of the development and promotion of girls' and women's education. (2) University graduates or equivalent educational background (3) Individuals under 45 years old. (4) Individuals with more than 5 years of occupational experience of girls and/or women's educational field		
CONTENTS	PROGRAM PERIOD	Jan.13.2009～Feb.06.2009	
(1) LECTURE Japanese education system & education administration, Health education, Gender equality education, JICA Projects & measures to incorporate Gender, Introduction on National Women's Education Center, Women & Health, Violence against Women, NGO Network for education, etc.  (2) PRESENTATION AND DISCUSSION Gender education, Girl's education & Economic development, Country report presentation, Action plan, etc.  (3) VISIT Ministry of Education, Culture, Sports, Science Technology, Primary & Secondary School, Lifelong education Center, University, Local government, etc.	IMPLEMENTING PARTNER	NATIONAL WOMEN'S EDUCATION CENTRE	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2006～2010	
	REMARKS		

Seminar on Gender Mainstreaming Policies for Government Officers ジェンダー主流化政策のための行政官セミナー		GROUP 	0880723
		Gender and Development—Gender and Development 15 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The objective of this seminar is to foster government officers capable of introducing the principle of "gender mainstreaming" in decision-making and various development activities through learning case studies in Asia, for the purpose of creating an equal society through the empowerment of women. To attain this objective, participants are expected to achieve the following: (1) Acquiring the concept and methods for gender mainstreaming (2) Deepening understanding of the policies and issues in each field such as education, economic, the environment, etc., and acquiring the know-how to improve those issues. (3) Taking an overview of the measures taken by National and Local Governments related to gender mainstreaming and acquiring the technical methods. (4) Acquiring the management capability of the administration of women's affairs.	[Target Organizations] Department of Central/local governments engaged in gender mainstreaming or gender equality  [Target Group] (1) Government officers in charge of planning policies for gender mainstreaming and gender equality with at least 3 years of professional experience (2) Under 45 years old (3) University graduate or equivalent (4) Have sufficient commands of spoken English		
CONTENTS	PROGRAM PERIOD	Jun.16.2008～Jul.19.2008	
1. Lectures, discussion and/or field studies (1) Introduction of policies for gender mainstreaming (2) Methods for gender mainstreaming(gender budget, gender statistics etc.) (3) Introduction of gender equality and gender mainstreaming policies and activities in Japanese administration(central and local governments) (4) Gender mainstreaming in Education, Rural Development, Environment Issues, Labor Administration etc. (5) Women's economic empowerment and entrepreneurship.  2. Presentation (1) Country Report	IMPLEMENTING PARTNER	KITAKYUSHU FORUM ON ASIAN WOMEN	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2007～2009	
	REMARKS	*This program includes active participation in discussions and action plan development, thus requires high competence of English ability. *Participants are required to give presentations on the situation of women in their own country.	

<b>Rural Life Improvement and Rural Development for Women</b> <b>農村女性の生活改善と村づくり研修</b>		GROUP  0880862
Target Countries : Countries with OISCA overseas office		Gender and Development—Gender and Development 14 participants / English and
OBJECTIVE	TARGET ORGANIZATION / GROUP	
To achieve the objective, participants are expected to produce the following outputs: 1. Acquire knowledge of the following points (1) Healthy and environmentally sound agricultural production (2) Processing of agricultural products (3) Dietetics and cooking and basic knowledge of Nutrition (4) Basic knowledge of Hygiene (5) Technique of clothing and sewing (6) Living environment; reduction of garbage, water pollution (7) Exchange of views with women's organizations and the effective management of extension activities 2. Make an Action Plan	(1) Females committed to work in future as extension workers or as leaders in rural development (2) Individuals with at least 2 years of experience of agricultural/home living improvement work in the field/local community (3) Individuals above high school level and in sufficiently good physical/mental condition	
CONTENTS	PROGRAM PERIOD	Jan.14.2009～Dec.12.2009
1. Lecture and Practice (1) Home living improvement activities and its functions (2) Combined agricultural production: cultivation of rice and vegetables, poultry farming (3) Processing of agricultural products: crop processing, livestock processing, vegetables processing, fruit processing (4) Dietetics, food and cooking; species of nutriments, digestion and absorption (5) Hygiene; contagious disease, HIV, family planning, maternity health (6) Dressmaking; basic technique and application of clothing and sewing (7) Home economics and the Environment	IMPLEMENTING PARTNER	OISCA SHIKOKU TRAINING CENTER
	JICA CENTER	JICA Shikoku
	COOPERATION PERIOD	2004～2008
	REMARKS	Japanese intensive class(approx. 3 months at OISCA Shikoku training center)


<b>Gender Mainstreaming in Fishing Community Development</b> <b>漁村開発におけるジェンダー主流化</b>		GROUP  0880976
Gender and Development—Gender and Development Fisheries—Fishing Community Development 4 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP	
The participants are expected to sufficiently consider the concept of Gender and partnership between men and women in successfully achieving activities for improving the income level of the fishing community of their country through the following: (1) To increase the understanding on the concepts of Gender, WID, GAD, partnership between men and women and awareness of gender-responsive project (2) To acquire skills and methodology of Gender analysis (3) To acquire knowledge for the improving of the income level of the fishing community (4) To enhance comprehensive knowledge on the gender-responsive project and support project, and prepare an appropriate draft project plan (In case of any minor changes, it will be stated in General Information.)	< Target Organization > Central and local government dealing with the planning and implementation of fishing community development < Target Group > (1) Central and local government staff directory engaged in fishing community development with more than 3 years' experience (2) University graduates or with equivalent qualifications (3) Both men and women are welcomed.	
CONTENTS	PROGRAM PERIOD	Jan.18.2009～Mar.4.2009
The following subjects will be covered in this course through lectures, observations, and discussions: (1) Outline of WID/GAD (2) Gender Analysis (3) Case Study(entrepreneurship/small scale business by group in fishing community) (4) Support system for fishing community development (5) People-centered workshop skills  At the end of the program, the participants will draft a project plan based on the knowledge and idea obtained through the program, and also formulate a plan of operation including how they will work on the project plan.	IMPLEMENTING PARTNER	Fisheries & Aquaculture International Co., Ltd
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2005～2009
	REMARKS	The Nominees are requested to submit a country report together with Application form.




OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to strengthen the capacity of national machinery for gender equality in respective countries and to establish a network of national machineries among Japan and the countries.</p> <p>To achieve the objective, participants are expected to:</p> <p>(1) Analyze the situation and problems concerning gender equality and the environment surrounding women in each country through comparisons with Japan and discussions among other participating countries.</p> <p>(2) Acquire useful knowledge for formulating, implementing, and monitoring the national plan of action on promoting gender equality.</p> <p>(3) Acquire useful knowledge for promoting gender mainstreaming into various fields.</p> <p>(4) Formulate an action plan to strengthen the capacity of the national machinery to promote gender equality.</p>	<p>(1) Officer or higher levels of officials of national machinery</p> <p>(2) University graduates</p> <p>(3) Individuals with more than 5 years of experience of gender equality</p> <p>(4) Individuals under 50 years of age</p> <p>(5) Individuals with adequate knowledge of the Beijing Declaration and Platform for Action and * “Outcome Document”</p>	
CONTENTS	PROGRAM PERIOD	Nov.16.2008～Dec.17.2008
<p>(1) LECTURE</p> <ul style="list-style-type: none"> <li>• The policy for promotion of gender equality in Japan</li> <li>• Structure and activities of promoting gender equality in Japan (by the national machinery and related ministries),</li> <li>• Gender Statistics</li> <li>• Gender Sensitive Budget (GSB)</li> </ul> <p>(2) PRESENTATION AND DISCUSSION</p> <ul style="list-style-type: none"> <li>• Gender Equality in Japan</li> <li>• Gender Equality in participating countries (Country Report)</li> </ul> <p>(3) VISIT</p> <ul style="list-style-type: none"> <li>• Local governments, Women’s Center, other facilities related to gender equality</li> </ul>	IMPLEMENTING PARTNER	GENDER EQUALITY BUREAU, CABINET OFFICE
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007～2009
	REMARKS	<p>* “Outcome Document” indicates further actions and initiatives to implement the Beijing Declaration and Platform for Action. Participation from East Asia, ASEAN, South Asia, Central Asia and Pacific countries is especially recommended.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to enhance the capacity of the organizations that promote women's entrepreneurship development.</p> <p>To achieve the objective, participants are expected to produce the following outputs:</p> <p>(1) Have a clear understanding about the significance of women's economic empowerment and be able to extract the issues which they need to address in women's entrepreneurship development of their own countries.</p> <p>(2) Be able to systematically organize support systems, which can be applied to women's entrepreneurship development in their countries.</p> <p>(3) Be able to elaborate on the ideas in relation to the support system identified in Output (2) for the success of women's income generating activities.</p>	<p>(1) More than 3 years of experience in organizing program(s) for women's economic empowerment.</p> <p>(2) Either section chiefs/acting section chiefs of a governmental organization or an NGO with nomination by their governmental organization,</p> <p>(3) Individuals in good health, both physically and mentally, to undergo the program,</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jun.22.2008~Jul.19.2008</p>
<p>Preparatory phase: Inception Report describing the following points: (1) Outline of participant's organization, (2) Women's Economic Empowerment in participant's country (Objectives, Issues, the respective roles of stakeholders), (3) Case Study, and (4) Needs Assessment.</p> <p>Program in Japan: The program consists of four modules, which include lectures, discussions, workshop, exercise, and study tours: Module I. Women's Economic Empowerment through Entrepreneurship Development Module II. Support Systems for Women's Entrepreneurship Development Module III. Ideas on Support Systems for the Success of Women's Income Generating Activities Module IV. Comprehensive Management Method for Women's Entrepreneurship Development</p> <p>(*) At the end of the program in Japan, participants are expected to formulate an Action Plan which shows future actions taken by them in order to solve their problems.</p> <p>Post-program activities: After the participations' return, (1) The actions described in the Action Plan are revised, authorized and implemented. (2) The result of the actions taken by the organization are reported as the Final Report 3 months after the return.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>none</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005~2009</p>
	<p><b>REMARKS</b></p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Jan.18.2009 to Feb.21.2009 in the same content.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants and their institution will finalize the Life Improvement Action Plan (LIAP) which integrated Japanese life improvement approach, and the outcomes will be shared by all the ex-participants through the website of JICA-WELI training. To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1) To identify the actual status and needs of the targeted rural women's groups and analyze organizational capacities.</li> <li>2) To understand about Japanese life improvement approach and to explain the application into the participant's country.</li> <li>3) To understand of Japanese Rural Women Entrepreneurship developed from life improvement activities.</li> <li>4) To understand of role of rural women leaders fostered through life improvement activities, and promotion of gender equality and revitalization of communities.</li> <li>5) To formulate and finalize the life improvement action plan in cooperation with their institution and other bodies concerned.</li> </ol>	<p>[Target Organizations] Branch offices of Central Government, Local Government or Non-Governmental Organization (NGO)</p> <p>[Target Group] A) Extension officer or Subject Matter Specialist who is engaged in extension activities for rural women, such as life improvement (home economic), agriculture, community development etc. B) Officer who is practically involved in a project related to empowerment of rural women Those in charge of above role more than 3 years are welcomed.</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	May.25.2008~Aug.9.2008
<ol style="list-style-type: none"> <li>1.Preparatory program               <ol style="list-style-type: none"> <li>1)Introduction of life improvement approach,Baseline survey (self-study)</li> </ol> </li> <li>2.Program in Japan               <ol style="list-style-type: none"> <li>2)Agriculture and Rural Development in Postwar Japan, Policy Measures for Rural Women's Fulfillment of their Roles etc. (Lecture)</li> <li>3)Development of Dietary Improvement Activity into Women Entrepreneurship (Lecture)</li> <li>4)Effects of Family Management Agreement in Gender Equality Society in Rural Area (Lecture),Presentation of Life improvement Action Plan</li> </ol> </li> <li>3. Post-program               <ol style="list-style-type: none"> <li>5) Implementation of the life improvement action plan(Presentation,self-activity)</li> </ol> </li> </ol>	<b>IMPLEMENTING PARTNER</b>	Rural Women Empowerment and Life Improvement Assoc
	<b>JICA CENTER</b>	JICA Tsukuba
	<b>COOPERATION PERIOD</b>	2004~2008
	<b>REMARKS</b>	Outstanding participants who carry out activities utilizing knowledge and experience acquired in Japan may be supported by JICA's follow-up cooperation.


Leadership Training for Women Through Rural Life Improvement (by Kaizen) for Central and South America 中南米地域農村部生活改善を通じた女性のリーダーシップ育成		R/F 	0884245
Target Countries: Latin America		13 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Seminar objective】Participants of the Seminar analyze problems in rural development projects in charge, and understand the implementation system and monitoring and evaluation feedback system of the Livelihood Improvement Approach in Japan. In addition, participants prepare in their joint names "Tsukuba Pronouncement 2009" which is consisted by meaningful learning in Japan and application measure. Finally participants share learning in their organizations.</p> <p>【Expected results】</p> <p>1) To prepare Inception Report to identify problems. 2) To learn implementation system and characteristics of rural development and rural women empowerment through the Livelihood Improvement Approach in Japan. 3) To be capable to explain evaluation systems of livelihood improvement groups in Japan. 4) To prepare and present "Tsukuba Pronouncement 2009". 5) To prepare final reports of execution of the activities in each country after 3 months of the program in Japan.</p>	<p>【Target organizations】</p> <p>1. Central and local governmental organizations in charge of policy planning in rural development including rural women empowerment</p> <p>2. Central and local governmental organizations and NGOs in charge of implementation of rural development projects including rural women empowerment</p> <p>【Target group】</p> <p>1. Personnel at management posts.</p> <p>2. Personnel with work experiences in rural development or rural women empowerment.</p> <p>3. Be engaged or planning to be engaged in JICA's Cooperation Programs</p>		
CONTENTS	PROGRAM PERIOD	Jan.18.2009～Jan.31.2009	
<p>1. Pre-Program before coming to Japan (Product: Inception Report) Participants should study the JICA technical cooperation contents "Livelihood Improvement Approach for Rural Community Development" and prepare Inception Report.</p> <p>2. Program in Japan (Product: Interim Report "Tsukuba Pronouncement 2009") Activities 0) to 4) for solving problems identified through Inception Report will be carried out; 0) Inception Report presentation, sharing information and opinions, 1) Lecture and discussion on Livelihood Improvement Approach, 2) Lecture and discussion on Participatory Development, Monitoring and Evaluation, 3) Case-Study in Iwate Prefecture through field trips, and 4) Sharing of learning in Japan and discussion on its application in the future. In the end of the Program in Japan, "Tsukuba Pronouncement 2009" is prepared and presented jointly by the participants.</p> <p>3. Post-Program (Product: Final Report) Participants are requested to prepare Final Reports on execution of activities proposed in "Tsukuba Pronouncement 2009" and submit them to JICA Offices.</p>	IMPLEMENTING PARTNER	Iwate Prefectural Government, Tsukuba International Center JICA	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS	This seminar is conducted for executive participants, so that participants should be authorized to make decisions in their institutions for carrying out activities after returning to the respective countries.	


# 16. Urban/ Regional Development


<b>Project Management and Evaluation for Civil Engineers in Public Works</b> <b>公共事業の計画・管理・評価</b>		GROUP 	0880230
		Urban/Regional Development—Urban Development	
		8 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This program is aiming to provide the broader management skill on planning and evaluating the public works in order that the participants can create the strategy or ideas to promote their projects effectively. In order to accomplish the aim, the participants are expected to understand and acquire the following 5 points: 1. project management system, 2. contract system in public works 3. project evaluation methods on life-cycle cost, 4. obtaining the support and agreement of citizens, 5. site management (quality, schedule, cost, and safety management)	< Target Organizations > Central / local government or government affiliated organizations in charge of public works in developing countries < Target Group > 1. University graduates or with the equivalent in the field of civil engineering 2. Civil engineers in central or local government and private corporations (except individuals in charge of building and housing works) 3. Individuals with at least eight (8) years experience in the execution of heavy infrastructure works (roads, ports, dams, etc.)		
CONTENTS	PROGRAM PERIOD	Sep.16.2008~Nov.22.2008	
This program consists of common subjects for all participants and group studies. It covers very broad technical fields; roads, ports, water supply, sewage system, dams, and telecommunication in order for participants to obtain wide knowledge and technique to prepare comprehensive plans for the infrastructure. The following subject will be covered through lectures, observations, discussions and practices; 1. project management system 2. contract system in public works 3. project evaluation methods on life-cycle cost, 4. obtaining the support and agreement of citizens, 5. site management (quality, schedule, cost, and safety management) At the end of the program, the participants will formulate the Action Plan stating how the knowledge and technique acquired through the program.	IMPLEMENTING PARTNER	Japan Construction Training Center	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

<b>Construction Equipment and Mechanized Construction Management</b> <b>建設機械及び建設施工監理</b>		GROUP 	0880708
		Urban/Regional Development—Urban Development	
		8 participants	ENGLISH
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This program is designed with the aim to develop human resources in charge of public projects promoting infrastructure development into managers with broad views and high-level skills for the supervision and control of the road, bridge and tunnel construction project mainly managed by construction machineries. Participants are expected to acquire the following: (1) Theoretical knowledge and practical techniques on mechanized construction method for civil engineering (2) Knowledge of mechanized construction management, such as of the selection and operation of construction equipment (3) Theoretical knowledge and practical techniques of the maintenance of construction equipment (4) Theoretical knowledge of the planning and management of mechanized construction (5) Practical experience of mechanized construction	< Target Organization > Central/local government in charge of supervising and control of road, bridge and tunnel construction project. < Target Group > (1) University graduates who have been specialized in the field of mechanical engineering or equivalents (2) mechanical engineer currently engaged in mechanized construction management and with at least eight (8) years experience in the same field		
CONTENTS	PROGRAM PERIOD	Sep.2.2008~Nov.28.2008	
This program consists of lecture, observation, practice and discussion on the following themes: (1) Methods of machine civil engineering works (2) Management technology in the selection and operation of construction machinery (3) A theoretical approach in machine maintenance and servicing (4) Planning and management in machined civil engineering works (5) Practice in machine servicing At the end of the program, participants will formulate an Action Plan stating how they will utilize the knowledge and technique acquired through the program.	IMPLEMENTING PARTNER	JAPAN CONSTRUCTION MECHANIZATION ASSOCIATION	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2006~2010	
	REMARKS		


Infrastructure development and management. 国土整備マネジメント		GROUP 	0880768
Target Countries : Asia		Urban/Regional Development—Regional Development 9 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Heads or equivalent of national research institute in the field of infrastructure management, or directors or equivalent responsible for public works department of central government organs will be trained to improve their abilities to formulate and implement management of the prevention and mitigation of natural disasters, in step with the economic and social development stage of their countries.</p> <p>【Outputs】 (1)Participant is able to understand the current policies, regards to the prevention and mitigation of natural disasters in Japan.</p> <p>(2)Participant is able to acquire the technical knowledge for the infrastructure management in the scope of prevention and mitigation of natural disasters.</p>	<p>【Target Organizations】 National research institute in the field of infrastructure management, or public works department of central government organs.</p> <p>【Target Group】 Director general or equivalent of above institute, or director or equivalent responsible for public works department of central government organs.</p>		
CONTENTS	PROGRAM PERIOD	Oct. 20. 2008～Oct. 30. 2008	
<p>1.Prior to training (activities in the participant's home country) Each participant shall write a report about current situation and problems in his/her country in relation to the prevention and mitigation of natural disasters.</p> <p>2.Training in Japan Participants shall act the following items. (1)Listen to keynote speech on "Prevention and mitigation of natural disasters." (2)Announce and discuss their studies and policy formulation of the prevention and mitigation of national disasters. (3)Attend the lectures on specific subjects. (4)Make field trips to survey some examples of the prevention and mitigation of national disasters in Japan. (5)Join the panel discussion to exchange the knowledge and opinions with senior researchers in the open international symposium.</p>	IMPLEMENTING PARTNER	National Institute for Land & Infrastructure Management, Ministry of Land, Infrastructure and Transport	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2008～2010	
	REMARKS	Participants should be Senior Level (high class official).	


Sustainable development and public works considering environmental and social impact 環境・社会配慮を取り入れた持続可能な社会資本整備事業		GROUP 	0880798
Target Countries : All over the world		Nature Conservation—Nature Conservation 6 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Action plan to solve issues on environmental and social impact in public works will be considered in participating organizations.</p> <p>【Outputs】 (1) Officials in the position to decide policies will understand the importance of consideration of environmental and social impact in public works. (1st year)</p>	<p>【Target Organizations】 The organization for executing infrastructure development in developing countries</p> <p>【Target Group】</p>		
CONTENTS	PROGRAM PERIOD	Sep.28.2008～Oct.11.2008	
<p>(1)Presentation: Job Report Discussion: Issues of each country. (2)Lecture: The progress of the environmental problem in Japan. (3)Lecture and observation: The training for practical environmental countermeasures. (4)Practice: Action plan making.</p>	IMPLEMENTING PARTNER	Ministry of Land, Infrastructure, Transport and Tourism	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2008～2010	
	REMARKS		

Seminar on Development and Application of Construction Engineering 建設技術の開発・応用セミナー		GROUP 	0880979
		Urban/Regional Development—Urban Development	
		6 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The participants are expected to be trained as core individuals in the Civil Engineering field to contribute to the needs of appropriately skilled people through the followings; (1) To know the recent international conditions in the construction field, (2) To gain the knowledge of the newly developed survey/design/construction engineering, (3) To deepen understanding about engineering based on local materials or traditional techniques, (4) To get a better grasp of environmental problem and recycling of the construction waste, and (5) To gain the recent maintenance technique.	< Target Organization > Central/local governments, institutes and universities in charge of civil engineering field in their country  < Target Group > (1) Mid-career officials or researchers who are in charge of civil engineering (except building and house works) (2) University graduates or equivalents majoring civil engineering or related programs (3) Individuals with between 8 and 18 years of occupational experience in civil engineering field		
CONTENTS	PROGRAM PERIOD	May.11.2008~Jun.28.2008	
The following subjects will be covered in this seminar through lectures, observations, and discussions: (1) Recent International conditions in the construction field, (2) Newly developed survey/design/construction engineering, (3) Engineering based on local materials or traditional techniques, (4) Environmental problems and the recycling of construction waste, and (5) Recent maintenance techniques. At the end of the program, the participants will formulate the Action Plan stating how they will utilize the knowledge and technique acquired through the program.	IMPLEMENTING PARTNER	Japan Construction Training Center	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This seminar will not deal with the subjects on building construction.	

National and Regional Development Policy 国土・地域開発政策		GROUP 	0880980
		Urban/Regional Development—Urban Development	
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Our country has developed national land with rapid growth of economy, and brought themselves out of poverty. In late years, community based regional development and environmentally friendly development approach has been initiated in our country. Through the introduction of these experiences in Japan, this program has the aim of improving the ability of human resources in planning and implementing national / regional development policy through the followings; 1. To acquire the knowledge of planning, policy formulation, and the implementation of national land development and regional development projects in Japan 2. To obtain the practical knowledge and skills for the planning, implementation and know-how of appropriate national/ regional development policies in their country	< Target Group > (1) Individuals currently engaged in the planning or implementation of national or regional development projects or policies with more than 2 years of occupational experience (2) University graduates or equivalent		
CONTENTS	PROGRAM PERIOD	Sep.9.2008~Oct.25.2008	
This program consists of lecture, observation, practice and discussion on the following themes; 1. Policy/Institution •National Planning System in Japan its Process •Development of Japanese Economy and the Role of Government Policies •Policy Evaluation and Community Governance 2. Individual Policy •Environmental Policy in Japan •Overview of Tourism Policy in Japan •Agricultural Policy in Japan •Development and Application of Geographic Information System •Project Finance and Project Management At the end of the schedule, the participants will announce their program outputs, have group discussion, and make a presentation of their study report.	IMPLEMENTING PARTNER	Ministry of Land, Infrastructure and Transport	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS		





<b>Participatory Local Social Development: Project Planning and Management</b> <b>参加型地域社会開発のプロジェクト計画・管理</b>		GROUP 	0880984
		Urban/Regional Development—Regional Development	
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The participants will obtain comprehensive knowledge and skills of Participatory Local Social Development (PLSD), and will be able to plan and manage social development projects from PLSD viewpoints and perspectives.</p> <p>Expected Results are:</p> <ol style="list-style-type: none"> <li>To gain comprehensive knowledge of the Participatory Approach (PA) as an effective methodology for social preparation and experience-based learning among target local people</li> <li>To acquire the basic framework for analyzing local people's capability and mechanisms of resource utilization and management in the context of a local community and social system</li> <li>To obtain comprehensive knowledge and skills of participatory local social development planning and management</li> <li>To develop the ability to revise their respective present projects through review and analysis from PLSD viewpoints and perspectives</li> </ol>	<p>[TARGET ORGANIZATIONS] Local governments, groups that implement/plan field projects such as NGOs, research institutes, organizations that conduct Local Social Development projects.</p> <p>[TARGET GROUP] (1) Planners, trainers, and practitioners especially poverty reduction related PLSD projects (2) University graduates or the equivalent, with at least 5 years of work experience (3) Individuals with a sufficient command of English (at least TOEFL score 500 or equivalent) (4) Age: under 45 years old</p>		
CONTENTS	PROGRAM PERIOD	Jul.28.2008～Sep.6.2008	
<ol style="list-style-type: none"> <li>Introduction of the participants' projects</li> <li>Conceptual framework and practical method for PLSD</li> <li>Practical methods of PA and sectorial case studies in developing Countries</li> <li>Field Trip to PLSD related sites</li> <li>Exercises in PLSD planning, management and monitoring</li> <li>Action Plan development to improve participants' projects</li> </ol>	IMPLEMENTING PARTNER	NIHON FUKUSHI UNIVERSITY	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2005～2009	
	REMARKS	<ol style="list-style-type: none"> <li>To enhance and disseminate the training outcome, applications from JICA counterparts prioritized.</li> <li>Applications without Project Report (P/R) (including P/R not following the Guidelines in GI) are not acceptable.</li> </ol>	

<b>Urban Engineering</b> <b>都市工学(長期)</b>		L/T 	0881131
		Urban/Regional Development—Urban/Regional Development	
		3 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> Capacity development for planning and research activities in governmental offices, researchers and engineers who are expected to be involved in long-term development planning.</p> <p><b>【Outputs】</b> (1) Acquisition of basic knowledge and theories on urban and regional planning (2) Acquisition of advanced knowledge and theories on urban and regional planning (3) Acquisition of actual methodology on urban and regional planning (4) Research works and research paper writing</p>	<p><b>【Target Organizations】</b> Universities, Governmental research institutes, Governmental authorities for development planning</p>		
CONTENTS	PROGRAM PERIOD	Mar.1.2009～Mar.31.2011	
<ol style="list-style-type: none"> <li>Advanced Urban Analysis, Solid Waste Management, Environmental Systems Analysis, Environmental Reaction Kinetics, Biochemistry In Environmental Control, Fundamentals of Water Pollution Control, Advanced Course in Environmental Microbiology, Urban Transport Planning and Analysis, Residential Environment, Regional Development Planning, Urban Development Planning</li> <li>Management of Global and Urban Environment, Water Environment Technology, Urban Transport Policy, Hazardous Waste Management, Environmental Risk Management, Urban Planning In Developing Countries, Urban Water Systems, Membrane Technology for Water and Waste Water Treatment, Material cycles and Recycling system</li> <li>Advanced Course In Environmental Engineering Laboratory, Exercise on Urban Planning Project, Site observation</li> <li>Research paper, Master's or Doctoral thesis</li> </ol>	IMPLEMENTING PARTNER	Department of Urban Engineering, School of Engineering, The University of Tokyo	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008～2010	
	REMARKS		


Infrastructure Planning and Design(Master's or Doctor's degree: Engineering) 社会基盤計画・設計(長期)		L/T	0881132
		Urban/Regional Development—Urban/Regional Development	
		3 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Education of advancing methodologies/technologies and facilitation of ability in policy making and implementation for infrastructure planning and design in developing countries <b>【Outputs】</b> (1) Acquisition of advanced knowledge and theories on infrastructure planning (2) Acquisition of advanced knowledge and theories on infrastructure design (3) Research in international environment	<b>【Target Organizations】</b> Universities, Research Institutes and Administrative Bodies		
	<b>PROGRAM PERIOD</b>	Mar.15.2009～Mar.14.2011	
<b>CONTENTS</b> (1) Economics, Project Financing Theory, Project Management Theory, Regional Planning, Urban Planning, Transportation Planning, Spatial Informatics, Landscape Planning, Disaster Mitigation Planning (2) Geotechnical Engineering, Concrete Engineering, Structural Engineering, River/Coastal Engineering, Earthquake Engineering (3) Seminar/Experiment, Research Paper, Internship Program	<b>IMPLEMENTING PARTNER</b>	Department of Civil Engineering, The University of Tokyo	
	<b>JICA CENTER</b>	JICA Tokyo	
	<b>COOPERATION PERIOD</b>	2008～2010	
	<b>REMARKS</b>		


Graduate School of Regional development Studies, Toyo university 国際地域開発(長期)		L/T	0881136
		Urban/Regional Development—Regional Development	
Target Countries: Saudi Arabia, Iraq		3 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Capacity of planning and implementation of officials and researchers who take a responsibility of regional development will be improved. <b>【Outputs】</b> (1) To acquire a basic knowledge and understand a fundamental theory about Regional Development. (2) To acquire a practical methods regarding to Regional Development. (3) To acquire research methods and presentation skills of own research. (4) To compile above mentioned research output in a Master thesis.	<b>【Target Organizations】</b> Governmental or public organization in charge of national or regional development plan.		
	<b>PROGRAM PERIOD</b>	Sep.1.2008～Sep.1.2010	
<b>CONTENTS</b> (1) Study on theories of Regional Development Policies, Regional Studies and Regional Planning and Environment Management (2) Study on planning and implementation methods of Regional Development Policies, Regional Studies and Regional Planning and Environment Management (3) Study on research methods and presentation of research results in "Special Lecture on Regional Development Studies" (4) Submit Master Thesis based on above mentioned studies	<b>IMPLEMENTING PARTNER</b>	Graduate School of Regional Development Studies in Toyo University	
	<b>JICA CENTER</b>	JICA Tokyo	
	<b>COOPERATION PERIOD</b>	2008～2010	
	<b>REMARKS</b>		


Capacity and Regional Development (Master's Degree Program) キャパシティ・ディベロプメント及び地域開発(長期)		L/T 	0881147
		Urban/Regional Development—Regional Development	
		2 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> The program will consist of a curriculum of program lectures, field work focused on One Village One Product in Oita Prefecture and a mandatory Research Project. Program participants will be able to gain practical experience in capacity building and theories of regional development. Under the supervision of their faculty, participants must also conduct research and write a research report or a thesis on capacity development and regional development in their home countries. In this way, their studies will have a direct effect on the development of their countries.</p> <p><b>【Outputs】</b> (1)to develop the abilities for regional development (2)to gain practical experience in capacity building and theories of regional development. (3)to get a master's degree</p>	<p><b>【Target Organizations】</b> Central / Local governments, authorities in charge of capacity and regional development. <b>【Target Group】</b></p>		
CONTENTS	PROGRAM PERIOD	Middle Sep 2008~Late Sep 2009	
<p>(1) Taking common subjects (Advanced Research Method, Advanced Data Analysis and Statistics, Regionalism and Globalization, International Political Economy, Academic Writing) (2) Taking Major common Subjects (International Cooperation Policy, Theories of Sustainable Development, Human Resources Management) (3) Taking Major core Subjects (International Public Administration, Project Evaluation, Project Planning, Development Economics) (4) Group Field Work ("One Village One Product" Regional Development Program) in Oita focusing on theoretical study and/or practical experience. (5) Conducting research and complete Master's theses or reports.</p>	IMPLEMENTING PARTNER	Ritsumeikan Asia Pacific University	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


NEPAD Programme on Technical Assistance for Infrastructure (Concrete Structure Maintenance) NEPADインフラ支援(コンクリート構造物メンテナンス)		R/F 	0884163
		Urban/Regional Development—Regional Development	
Target Countries: Africa		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This course is designed for ministries, agencies, and/or organizations which are responsible for the research and construction of concrete structures to acquire the proper techniques for the survey, diagnosis, maintenance, and management of durability of concrete structures and also deliberate the method(s) to utilize and disseminate the techniques. To achieve this program objective, participants are expected; (1) To acquire surveying and diagnostic methodologies for existing concrete structures (2) To acquire testing methods relating to the durability of concrete structures (3) To acquire various testing methods relating to alkali-aggregate reaction (4) To be able to develop the proper measures for utilization and dissemination of above techniques.</p>	<ul style="list-style-type: none"> <li>• University graduates or equivalent (preferably with a major in the field of civil engineering or architecture)</li> <li>• Individuals with field experience related to the inspection and maintenance of concrete structures and more than 2 years experience in a technical or research position</li> </ul>		
CONTENTS	PROGRAM PERIOD	Sep.15.2008~Nov.29.2008	
<p>1. Mutual recognition of issues and conditions surrounding the premature deterioration of reinforced concrete structures in participants countries will be accomplished through presentation of Country Reports.</p> <p>2. Lectures and practical studies (experimentation) will be conducted regarding durability and alkali-aggregate reaction.</p> <p>3. Fieldwork will be conducted involving actual concrete structures</p>	IMPLEMENTING PARTNER	General Building Research Corporation of Japan (GBRC)	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The participants will obtain comprehensive knowledge and skills of Participatory Local Social Development (PLSD), and will be able to plan and manage social development projects from PLSD viewpoints and perspectives.</p> <p>Expected Results are:</p> <ol style="list-style-type: none"> <li>1. To gain comprehensive knowledge of the Participatory Approach (PA) as an effective methodology for social preparation and experience-based learning among target local people</li> <li>2. To acquire the basic framework for analyzing local people's capability and mechanisms of resource utilization and management in the context of a local community and social system</li> <li>3. To obtain comprehensive knowledge and skills of participatory local social development planning and management</li> <li>4. To develop the ability to revise their respective present projects through review and analysis from PLSD viewpoints and perspectives</li> </ol>	<p>[TARGET ORGANIZATIONS] Local governments, groups that implement/plan field projects such as NGOs, research institutes, organizations that conduct Local Social Development projects.</p> <p>[TARGET GROUP] (1) Planners, trainers, and practitioners especially poverty reduction related PLSD projects (2) University graduates or the equivalent, with at least 5 years of work experience (3) Individuals with a sufficient command of English (at least TOEFL score 500 or equivalent) (4) Age: under 45 years old</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan.26.2009~Mar.14.2009</p>
<ol style="list-style-type: none"> <li>1. Introduction of the participants' projects</li> <li>2. Conceptual framework and practical method for PLSD               <ul style="list-style-type: none"> <li>- Historical Background of PLSD</li> <li>- Conceptual Framework of PLSD</li> </ul> </li> <li>3. Practical methods of PA and sectorial case studies in developing Countries               <ul style="list-style-type: none"> <li>- Theory and Practice of PA</li> <li>- PCM/PRA and PA</li> <li>- Potentialities and Constraints of PA</li> <li>- Development Elements &amp; Self-Organizing Capability</li> <li>- Local Community System &amp; Its Functional Analysis</li> <li>- Local Societal System and Phrasal Approach</li> <li>- History of Decentralization in Japan</li> </ul> </li> <li>4. Field Trip to PLSD related sites               <ul style="list-style-type: none"> <li>- History and Local Administration System</li> <li>- Local Community System</li> <li>- Kominkan System (Social Education Program)</li> <li>- Community Management over Common Resource and Facility</li> <li>- Farmer's Cooperatives (JA)</li> </ul> </li> <li>5. Exercises in PLSD planning, management and monitoring               <ul style="list-style-type: none"> <li>- Project Cycle Management in PLSD Perspective</li> <li>- Project Research in PLSD</li> <li>- Exercise of PLSD Research Formats</li> <li>- Project Planning in PLSD</li> <li>- Exercise of PLSD Planning Formats</li> <li>- Project Management in PLSD</li> <li>- Exercise of PLSD Project Management Formats</li> <li>- Project Monitoring &amp; Evaluation in PLSD</li> <li>- Exercise of PLSD Evaluation Formats</li> </ul> </li> <li>6. Action Plan development to improve participants' projects</li> </ol>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>NIHON FUKUSHI UNIVERSITY</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Chubu</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	<p>(1) To enhance and disseminate the training outcome, applications from JICA counterparts prioritized. (2) Applications without Project Report (P/R) (including P/R not following the Guidelines in GI) are not acceptable.</p>

<b>Global Mapping: Contribution to Global Mapping Development by GIS</b> <b>地球地図作成技術: 地球地図整備に貢献することを目指した地理情報システム</b>		GROUP 	0880874
Target Countries: Countries that are working in or be going to work in the Global Mapping Project.		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The objective of this program is to promote the Global Mapping Project.  [Output] To reach the objective, participants are expected to achieve the following: 1) To understand the importance of the Global Map in policy decision-making 2) To acquire the skills of remote sensing and GIS needed to develop the Global Map 3) To acquire the procedures of developing Global Map data 4) To understand the measures to promote the Global Mapping Project in the participant's country 5) To finalize the final report based on a draft written in Japan, which includes actions to be taken to promote the Global Mapping Project	[Target Organizations] National mapping organizations  [Target Group] - Individuals with at least 3 years of experience in the field of GIS, digital mapping or remote sensing - Individuals working in or be going to work in the Global Mapping Project		
CONTENTS	PROGRAM PERIOD	Aug.13.2008~Nov.1.2008	
[Preparatory phase] Participants will make a Job report which consists of the current status of the Global Mapping Project, difficulties in promoting it and possible measures to eliminate those difficulties. [Program in Japan] The program in Japan consists of lectures, practical exercises, site visits, presentations and discussions, focusing on reconfirmation of the importance of the Global Mapping Project, and providing the necessary skills to develop Global Map data. Lectures: Outline of the Global Map, global environmental problems, GIS, and digital data set format for the Global Map Practical exercises: Base map creation, digitization, raster-vector conversion, editing In parallel with these activities, participants will make a draft of the final report in which they clarify the problems hindering the Project, analyze them and suggest possible solutions to promote the Global Mapping Project. [Development phase] - Participants will share the draft of the final report in their respective organizations and elaborate feasible action plans based on it. - Three months after returning to their country, participants will submit the final report, which includes the progress of the elaborated action plans.	IMPLEMENTING PARTNER	Geographical Survey Institute, MLIT	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2004~2008	
	REMARKS	- The Global Mapping Project aims to provide standardized digital geographic information covering the earth's surface, to help solve global environmental issues. The Global Map is being produced under international cooperation by national mapping organizations participating in the Global Mapping Project. It will cover all the earth's surface by the year 2007. The target of this program is those countries which have not yet participated in the Project or have recently participated in the Project but do not yet have enough skills to develop the necessary data. - For the year 2007, those countries which have already released their Global Map data will not be allowed to participate in this training program. - Related website: Geographical Survey Institute <a href="http://www.gsi.go.jp/ENGLISH/index.html">http://www.gsi.go.jp/ENGLISH/index.html</a> Global Mapping Project <a href="http://www.iscgm.org/cgi-bin/fswiki/wiki.cgi">http://www.iscgm.org/cgi-bin/fswiki/wiki.cgi</a>	

Seminar on Administration for Rural/Regional Development: One Village, One Product Movement for ASEAN Countries ASEAN地域振興行政セミナー(一村一品運動)		R/F  0884029
Target Countries: Asean Countries		Urban/Regional Development—Regional Development 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this course is to enable administrative officers working on the field of rural/regional development to apply practical development schemes by studying Japanese rural/regional development cases and comprehending effective administrative strategies and operations for the development.</p> <p>This seminar will analytically introduce various cases of "OVOP movement" of Oita prefecture, which is recognized as one of the most successful strategies for the revitalization of rural areas in Japan.</p> <p>To achieve the objective, participants are expected to acquire the following knowledge and techniques:</p> <p>(1) Understanding the theoretical background of regional development  (2) Acquiring knowledge of One Village, One Product Movement in Oita Prefecture  (3) Acquiring basic knowledge of RRA (Rapid Rural Appraisal) and PRA (Participatory Rural Appraisal).</p>	<p>1) Officers of the national/local governments who are in charge of planning and implementation of rural/regional development program  2) University graduates or the equivalent  3)(Preferably) Individuals between the age of 30 and 50</p> <p>Note: As this course is not specific technical training for development of products, applicants had better not be specialized in specific technical domain.</p>	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Oct.29.2008
<p>1) Introduction lectures(rural and endogenous development, history of rural development in Japan, Local administration and finance in Japan, Role of farmers' cooperative)</p> <p>2) Administration in Oita Prefecture (Outline of Oita Prefectural government, Promotion of 1V 1P movement, Strategy for distribution and marketing)</p> <p>3) PRA Workshop (Group field research in a rural community, group presentation and discussion)</p>	IMPLEMENTING PARTNER	Oita OVOP International Exchange Promotion Committee, Educational Support Center
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2004~2008
	REMARKS	

<b>Project Formulation for Regional Development Focused on Human Security for Southeast Asian Countries</b> <b>東南アジア地域 人間の安全保障を重視した地域開発プロジェクト形成</b>		R/F 	0884110
Target Countries: Southeast Asia		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The course aims to provide the participants with a better understanding of regional development project planning with human security orientation.</p> <p>(1) Outcome Concept of human security as effective methodology for regional development is understood and shared in related organizations through disseminating what is learned during the training program and contents of action plans.</p> <p>(2) Output 1) The areas of intervention are identified from the perspective of human security 2) Skills and practical means to address human security concerns are understood 3) An action plan is developed in order to integrate the concept of human security with project planning and implementation in regional development; and 4) Dissemination activities are executed in related organizations and Result Reports are submitted describing the progress in realizing the action plans</p>	<p>1) Either government officers or NGO staff, who are directly engaged in CO works, planning, management and training activities for regional development projects in rural, rather than urban settings 2) University graduates or equivalent, with at least 5 years working experience on regional development 3) Individuals with a sufficient command of English (TOEFL score of at least 500 or equivalent)</p>		
CONTENTS	PROGRAM PERIOD	Jul.7.2008~Aug.13.2008	
<p>1. Pre-training program - Develop Job Report and Inception Report</p> <p>2. Training Program in Japan</p> <p>1) Human security: Overview 2) Livelihood security: Poverty reduction and empowerment 3) People on the move 4) Conflict resolution and management 5) Project planning and monitoring for regional development with human security</p> <p>3. Post-training program - Develop and submit a Progress Report</p>	IMPLEMENTING PARTNER	United Nations Center for Regional Development (UNCRD)	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Expected number of participants per country: 3	

Endogenous Regional Economic Development Utilizing Local Resources for Central Asia 中央アジア地域 地域資源を活かした内発的地域経済開発		R/F  0884212	
Target Countries: Central Asia		Urban/Regional Development—Regional Development 8 participants / Russian	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The goal is to understand the importance of endogenous regional development in the interested countries and regions, to obtain knowledge for the planning and implementation of policies and projects aimed at development and promotion of local specialities and services utilizing locally available resources, and regionally clustered industries, and eventually to extend the outcome of the training to all the related organizations after returning home.	<b>【Target Organizations】</b> ① Organizations providing supporting services for farmers groups or micro-producers ② Responsible sections in local authority (local government) providing supporting services for farmers groups or micro-producers  <b>【Target Group】</b> Public officers in local authority (local government) or public organization providing supporting services for farmers groups or micro-producers. Preferably with more than 10 years experience in this field.		
CONTENTS	PROGRAM PERIOD	Nov.10.2008～Dec.13.2008	
1. Understanding the importance of endogenous regional development and organizing problems and challenges in interested nations and areas 2. Understanding support systems and measures to promote endogenous regional development in Japan and trying to find applicability 3. Understanding methods and know-how to create business opportunities by connecting available resources and market needs to develop products and services and trying to find their applicability 4. Comparing actual special local products and cases of local industry promotion in developing countries and Japan through case studies and trying to find applicability in interested nations and areas 5. Making action plans to cope with the problems and challenges faced by interested nations and areas, based on the above-mentioned results	IMPLEMENTING PARTNER	United Nations Center for Regional Development	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2007～2009	
	REMARKS	Expected number of participants per country : 1-2	



Target Countries: ASEAN countries(Vietnam, Laos, Myanmar, Cambodia, East Timor)

10participants

English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Nowadays, many countries need to find their own way to develop their regions. And for Cambodia, Laos, Myanmar and Vietnam, they are facing difficulties as they have strong neighboring countries nearby, who could be big competitors for their own markets. In this situation, many countries like to apply the one-village one-product movement to their countries, however, it is necessary to understand its concepts and community capacity development.</p> <p>The purpose of the training course is to make an appropriate proposal based on community capacity development. For this purpose, we set up 4 objectives:</p> <p>(1) Understand the concept of rural community development,                      (2) Understand the system and the policy for community capacity development through case study of One Village One Product Movement,                      (3) Understand the system of planning, implementing and evaluating for rural development, and                      (4) Make a plan for rural development on the basis of community capacity development</p>	<p><b>【Target Organizations】</b>                      National/Regional governments in charge of planning/implementing/evaluating regional development and its systems</p> <p><b>【Target Group】</b></p> <ul style="list-style-type: none"> <li>• Central/Rural Officials who are in charge of planning / implementing / evaluating the rural development</li> <li>• University graduates or equivalent,</li> <li>• Individuals with a sufficient command of spoken and written English</li> <li>• (Preferably) Individuals 40 years of age or younger</li> </ul>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jun.15.2008～Jul.5.2008
<p><b>【Lectures】</b></p> <ul style="list-style-type: none"> <li>• Community capacity development</li> </ul> <p><b>【Lectures/Group Discussion】</b></p> <ul style="list-style-type: none"> <li>• System of regional government</li> <li>• Decentralization</li> <li>• Role of regional government in regional development</li> <li>• Networking/Organization</li> <li>• Difference of OTOP(Thailand) and OVOP (Japan)</li> <li>• Planning and evaluation, performance measurement</li> </ul> <p><b>【Discussion】</b></p> <ul style="list-style-type: none"> <li>• Human development, leaders</li> <li>• Re-evaluation and efficient use of local resource</li> </ul> <p><b>【Case Studies】</b></p> <ul style="list-style-type: none"> <li>• Road side station, small business by women's groups</li> <li>• OVOP (e.g. Oyama, Yufuin)</li> <li>• Social Development (Health Sector, Education)</li> </ul>	<b>IMPLEMENTING PARTNER</b>	Ritsumeikan Asia Pacific University (APU)
	<b>JICA CENTER</b>	JICA Kyushu
	<b>COOPERATION PERIOD</b>	2007～2009
	<b>REMARKS</b>	Several participants from each country: Laos, Vietnam, Cambodia, Myanmar, East Timor


Target Countries: Eastern Europe

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt;                      To elaborate a Strategic Regional Development Plan through eco-tourism and to share the Plan among the governmental organizations, NGOs and other related organizations.</p> <p>&lt;Outputs&gt;                      Through the course, participants are expected:</p> <ol style="list-style-type: none"> <li>1. to understand the overall challenge for eco-tourism in Japan.</li> <li>2. to understand the importance of cooperative network among governmental organizations, inhabitants, and private sector.</li> <li>3. to understand the role of stakeholders in the social community for the sustainable regional development.</li> <li>4. to understand the strategic business model for eco-tourism and its business management.</li> <li>5. to formulate a Strategic Regional Development Plan through eco-tourism plan which includes the suggestions, methods, and visions.</li> </ol>	<p><b>【Target Organizations】</b>                      - National government                      - Local governments/authorities                      - Other relevant organization including NGOs, public/private associations involved in tourism promotion at local level</p> <p><b>【Target Group】</b>                      -Individuals with at least three (3) years practical experience in tourism sector (experience in eco-tourism is highly preferable)</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Mar.30,2009～Apr.26,2009
<ol style="list-style-type: none"> <li>1. Overview of eco-tourism in Japan                             <ul style="list-style-type: none"> <li>- activity of Japan Ecotourism Society (JES)</li> <li>- eco-tourism movement in Japan</li> <li>- relationship between Japanese tourism policy and eco-tourism</li> <li>- eco-tourism business model</li> </ul> </li> <li>2. Inception Report presentation</li> <li>3. Case studies                             <ul style="list-style-type: none"> <li>-local tourism promotion policies/plans by city and villages</li> <li>-Field visit</li> </ul> </li> <li>4.Preparation of action plan</li> </ol>	<b>IMPLEMENTING PARTNER</b>	Japan Ecotourism Society
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2007～2009
	<b>REMARKS</b>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The participants will propose improvement plans of public works administration in their governments.                      To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand the development plan in Hokkaido.                      (2) To understand the outline of the public works administration in Hokkaido including the following topics, using a road construction project as a subject.</p> <ul style="list-style-type: none"> <li>• Roles between the central and local government.</li> <li>• Legal procedures regarding public works.</li> <li>• Public works administration system</li> </ul> <p>(3) To understand the basic concepts of civil engineering, such as a road construction plan, designing techniques and matters to keep in mind when carrying out plans.                      (4) To understand adequate public works administration by learning the following topics.</p> <ul style="list-style-type: none"> <li>• Measures for efficiency and transparency in road construction projects</li> <li>• Environmental control measures</li> <li>• Urbanization measures</li> <li>• Disaster prevention system</li> </ul> <p>(5) To identify and analyze issues in public works in the participant's organizations and make Action Plan.</p>	<p>1) Current Duties: a civil engineer in charge of public works administration in central or local governments in the field of road development, essentially.                      2) Experience in the relevant field: have more than five (5) years' practical experience including in the field of road development, essentially.                      3) Educational Background: be university graduates or persons who have equivalent technical qualifications in this field.                      4) Under 40 of age</p>	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Nov.15.2008
<p>Preparatory Phase:                      Present job activities and issues concerning public works administration in the participant's organization and country are to be described in the Inception Report.</p> <p>The curriculum is composed of the following subjects and designed to give the participants a comprehensive picture of the roles of public works administration. Road is taken up as a main case study subject.                      Lectures:                      - Community development in Japan, - History of development in Hokkaido, - Laws and budget system regarding infrastructure, - Tender and contract system, - Project implementation structure, - Procedure for planning, construction and maintenance of roads, - Free access to information regarding public works, - Participatory approaches for consensus building                      Field visits:                      - Present situation of infrastructure in Hokkaido, - Maintenance and management of roads, - Road construction techniques, - Environment protection measures for road construction and maintenance                      Practical exercises:                      -Action Plan writing and presentation</p> <p>Finalization Phase:                      Report the progress of implementing Action Plan as Final Report within three(3) months after completion of the program in Japan</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>JICA CENTER</p>	<p>DEPARTMENT OF CONSTRUCTION, HOKKAIDO GOVERNMENT</p> <p>JICA Sapporo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2006~2010</p>
	<p><b>REMARKS</b></p>	<p>The objective of this seminar is NOT skill training in road engineering, although roads will be taken up repeatedly during the seminar as lecture subjects and field visit destinations.</p>

Urban Development (focused on Land Readjustment Measure) 都市整備		GROUP  0880325
Target Countries: Countries with cities of population 500,000 or more		Urban/Regional Development—Urban Development 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to improve the methods and systems of urban development in participants' respective countries by learning urban development/renewal system and methods and techniques for land readjustment in Japan.</p> <p>At the end of this program, the participants are expected;</p> <p>(1) To understand the outline of Japanese urban development system and land readjustment techniques,</p> <p>(2) To identify current issues regarding urban development systems and techniques in their home countries, and</p> <p>(3) To study applicability of Japanese urban development systems/techniques and propose improvement plan of urban development system/techniques.</p>	<p>Eligible / Target Organization: This program is designed for central/local governments responsible for the formulation of urban development policies or the implementation of urban development programs/projects.</p> <p>Applying Organizations are expected to adequately select nominees. Nominees must;</p> <p>(1) have university degree or equivalent, with more than 5 years of professional experiences in urban development and/or urban planning in principle,</p> <p>(2) be between thirty (30) and forty five (45) years of age in principle,</p> <p>(3) be responsible for the formulation of urban development policies or the implementation of urban development programs/projects,</p> <p>(4) have a high level of English language ability in speaking and writing, (Note: If you provide evidence of language ability as tested by a registered body, your application would be prioritized against others.)</p>	
CONTENTS	PROGRAM PERIOD	May.27.2008~Jul.19.2008
<p>Preliminary Phase: Selected participants make required preparation for the Program in the respective countries.</p> <p>(1) Study pre-training materials which will be sent in advance</p> <p>(2) Formulation of Inception Report stating the situation of your country's urban development plan, its system and the current issues which participants and participants' organizations are now facing.</p> <p>Core Phase in Japan: The program consists of the following modules:</p> <p>(1) Inception Report presentation</p> <p>(2) Overview of city planning system in Japan</p> <p>(3) Particular subjects of Urban Development</p> <p>(4) Introduction of LR (Land Readjustment) system in Japan</p> <p>(5) Case Study (Site Observation)</p> <p>(6) Applicability of LR</p> <p>(7) LR Design</p> <p>(8) Interim Report Preparation and Presentation</p> <p>Participants are required to propose the Interim Report, which includes specific, feasible proposals to solve issues concerning urban development.</p> <p>Finalization Phase: Participants are expected to share Interim Reports with colleagues as well as the senior management of the same offices. The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write final improvement plans in the Final Report.</p>	IMPLEMENTING PARTNER	CITY AND REGIONAL DEVELOPMENT BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	

<b>Building Codes and Control Systems (Building Safety and Social/Environmental Consideration)</b> <b>建築基準と規制システム(建築物の安全性と環境社会配慮)</b>		GROUP  0880711
Target Countries: Countries with cities of population 500,000 or more		Urban/Regional Development—Urban Development 11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective is to formulate an improvement plan of building codes and/or control systems.</p> <p>The program emphasizes the following topics:</p> <p>(1) Structural Safety            (2) Fire Prevention and Evacuation Safety            (3) Energy Conservation            (4) Barrier-free Buildings</p> <p>The participants are expected</p> <p>1. To understand the outline of the building standards and the regulatory systems of Japan,            2. To understand the Japanese measures with regards to the followings;            (a) Building standards and regulatory systems effective for securing the structural safety of buildings,            (b) Building standards, the regulatory systems effective for securing fire prevention and evacuation safety (prevention of outbreak and spread of fire, securing safety in evacuation) of buildings, and points to remember for their applications,            (c) Energy saving concept of buildings, and points for its promotion,            (d) The barrier-free concepts of buildings,            3. To identify problems relating to implementation of the building standards and the regulatory systems of their home countries, and formulate plans to solve or improve them.</p>	<p>[Target Organizations]            Governments or Governmental Organizations responsible for the establishment of building standards or the improvement and application of regulatory systems</p> <p>[Target Groups:]            Officials (more than 5 years of experience, under 50 years old)</p>	
CONTENTS	PROGRAM PERIOD	May.13.2008~Jun.26.2008
<p>Preparatory Phase in home country: An inception Report including current situations and issues of building standards/regulatory systems</p> <p>Program in Japan: (Modules)</p> <p>1. Elements of building codes and control systems and their relations to natural and social environments (lectures, observations and a home stay program)            2. Structural Safety (lectures and observations)            3. Fire Prevention and Evacuation Safety (Lectures, Cases study and observations)            4. Energy Conservation (lectures and observation)            5. Barrier-free buildings (lectures and workshop)            6. Technology for the above mentioned purposes (lectures and observation)            7. Formulation of an improvement plan for building codes and/or control systems (discussion, individual guidance and presentation)</p> <p>Post-program activities            Participants are expected to share the proposal with colleagues as well as the senior management of the same offices. The concepts and implementation plan of the proposal are reviewed and examined within the government. The returning participants are required to report the progress of the proposal to JICA Tokyo.</p>	IMPLEMENTING PARTNER	HOUSING BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	<p>The course is not purposed to learn architectural design nor architectural engineering. Building Standard Law of Japan consists of three parts, (1) General provision (2) Building codes (3) Zoning codes, The program mainly focuses on building codes.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to acquire methods/know-how of comprehensive regional development management lead by central government initiative, by learning Hokkaido regional development experience.</p> <p>Upon successful completion, following outputs are expected;</p> <p>(1) To Understand Hokkaido regional development lead by central government                      (2) To understand various regional development methods (e.g. industry promotion, infrastructure development, environmental conservation etc.)                      (3) To understand roles of central and local government in regional development                      (4) To Apply Hokkaido development experience into participant's country                      (5) To Propose action plan regarding (4)</p>	<p>(1) Administrative officers engaged in regional development                      (2) At least 2 years of working experience in related field                      (3) Proficient in spoken and written English                      (4) In good health both mentally and physically to undergo the whole training period</p>	
CONTENTS	PROGRAM PERIOD	June.17.2008~Aug.8.2008
<p>&lt;Preparatory Phase&gt;                      Country Report Preparation                      &lt;in Japan&gt;                      (1) Presentation of pre-training reports and discussion.                      (2) Lectures, case studies and discussions about promoting Hokkaido comprehensive development and measures of management by the central government.                      (3) Lectures about tackling with regional development in Hokkaido and field trips to the real regional development areas in Hokkaido and exchanging opinions.                      (4) Making action plans which include proposals of improvement policies for regional development and plans for the execution of these policies in each country.                      (5) Presentation of action plans and exchanging opinions.                      &lt;Finalization Phase&gt;                      (1) Presentation of action plans in participant's organization.                      (2) Report submission by home organization on the possibilities of realization of the action plan</p>	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau Ministry of Land, Infrastructure and Transport
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2008~2010
	REMARKS	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Sep.23.2008 to Nov.14.2008 in the same content.</p>

Target Countries: country which has a city with a population of 500,000 or more

20 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Objectives To consider an improvement plan of urban transportation planning and project in the recipient country</p> <p>Expected Output (1) To clarify issues concerning urban development and urban transportation planning in the recipient country (2) To master forecasting and planning methods of urban transportation by using JICA STRADA(Traffic Demand Forecasting/Analysis Program) (3) To propose an improvement plan for the urban transportation planning/project and the issues in the recipient country</p>	<p>Target Organizations Central/local government offices responsible for transportation policy formation or urban transportation planning/management</p> <p>Nominee Qualifications Applying Organizations are expected to adequately select nominees. Nominees must; (1) be university graduates or their equivalents, with at least three years of the professional experience in urban transportation planning and management, (2) be central/local government officials, at the middle- or senior-level, responsible for urban transport policy formation or urban transportation planning/management, in a city with a population of 500,000 or more, (3) be in principle forty (40) years of age or under</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Sep. 23. 2008~Nov. 29. 2008</p>
<p>Preliminary Phase: Selected participants make required preparation for the Program in the respective countries. (1) Study pre-training materials which will be sent in advance (2) Formulation of Inception Report stating the situation of your country's urban transport, its system and the current issues which participants and participants' organizations are now facing.</p> <p>Core Phase in Japan: The program consists of the following modules: 1. Lectures and Site visits (1) Urban Transportation Planning (Overview and Conception) (2) Surveying and Analysis Methods (JICA STRADA) (3) Plan formation and Case Study (4) System of Public Transportation Services /Operation Plan 2. Practice in JICA STRADA and Presentation of its result 3. Drawing up and Presentation of Interim Report Participants are required to propose the Interim Report, which includes specific, feasible proposals to solve issues concerning urban transport.</p> <p>Finalization Phase: Participants are expected to share Interim Reports with colleagues as well as the senior management of the same offices. The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write final improvement plans in the Final Report.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan Transportation Planning Association</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Overall Goal]                      To develop leading technical managers who envision effective and efficient management approaches of national surveying and mapping projects according to the diversification of customers' needs and development of society.</p> <p>[Objective]                      After finishing this course, a concept how to plan and manage the national surveying and mapping and a concept of institutional strengthening of National Mapping Organization through the participant's experience in Japan will be shared.</p> <p>[Outputs]                      To reach the objective, participants are expected to achieve the following:                      1) To master planning and managing skills of surveying and mapping conducted by NMO's as well as institutional and legal frameworks of NMOs.                      2) To master contemporary technologies for surveying and mapping such as GPS, GIS, digital photogrammetry and Remote Sensing.                      3) To develop an action program of NMO taken in consideration of his/her own country's socio-economic situation, and make a presentation about it.                      After returning to his/her country                      4) To make an evaluation report of the action program written in Japan based on the audience's opinion of reporting session with the attendance of supervisors.</p>	<p>[Target Organizations]                      National Surveying and Mapping Organizations (NMO)</p> <p>[Target Group]                      Technical officials at managerial level (head or deputy head of a division) for at least 7 years</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Nov.17.2008~Jul.7.2009
<p>[Preparatory Phase]                      Participants will make a Job Report in order to identify and realize the problems of their respective NMOs.</p> <p>[Program in Japan]                      The program consists of lectures, practice, study trips, workshops and individual study include the following subjects:                      (1) General Studies                          - Data Processing                          - Presentation Techniques                          - Physical Exercise                      (2) Cultural Studies                          - Society &amp; Economy                          - Science &amp; Technology                          - Global Issue                      (3) Planning and management Techniques                          - Planning Tool                          - Management Tool                          - Organizational Strengthening                      (4) Survey Administration                          - Survey Administration                          - Issues in Survey Administration                          - Survey Project Management                          - Customer Service                          - International Cooperation                          - Survey Education                      (5) Survey Technology                          - Basic Survey Technology                          - VLBI/GPS Survey                          - GIS                          - Digital Photogrammetry/RS                          - Trend of new technology                      (6) Workshop (Group Discussion) Proposal of strategy in NMOs                      (7) Individual Study for optimizing NMOs activities</p> <p>[Development Phase]                      Within three months of returning to their home countries, the participants finalize the evaluation report and submit to Japan.  <u>Detail:</u> Participants will present the report prepared in Japan to supervisors and colleagues and elaborate an evaluation report taking audience evaluation and opinion into consideration. The evaluation report will be submitted to local JICA office in three months after leaving Japan with the official letter of the NMO, in case there is no local JICA office the final report should be sent to JICA Tsukuba directly.</p>	<b>IMPLEMENTING PARTNER</b>	Geographical Survey Institute, MILT
	<b>JICA CENTER</b>	JICA Tsukuba
	<b>COOPERATION PERIOD</b>	2005~2009
	<b>REMARKS</b>	GSI: <a href="http://www.gsi.go.jp/ENGLISH/">http://www.gsi.go.jp/ENGLISH/</a> (The contents of the program are subject to change.)



Target Countries: Countries with cities of population 500,000 or more

12 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to consider improvement plans regarding city planning and urban development against the issues facing recipient countries.</p> <p>To achieve the above Program Objective, participants are expected;</p> <p>(1) To understand the concepts of urban planning, administration and financial systems, city environment and urban transportation in Japan, comprehensively,</p> <p>(2) To acquire the ability of urban development planning, and</p> <p>(3) To identify the problems/issues relating to urban planning and propose an improvement plan</p>	<p>Eligible / Target Organization: This program designed for central/local governments responsible for the formulation of urban development policies/regulations or the implementation of urban development programs/projects.</p> <p>Nominee Qualifications: Applying Organizations are expected to adequately select nominees. Nominees must;</p> <p>(1) be university graduates or equivalent, with more than five years of professional experience in urban planning and/or urban development,</p> <p>(2) be central/local government officials responsible for the formulation of urban development policies/regulations or the implementation of urban development programs/projects,</p> <p>(3) be in principle forty (40) years of age or under, in principle.</p>	
CONTENTS	PROGRAM PERIOD	Aug. 26. 2008~Oct. 17. 2008
<p>Preliminary Phase: Selected participants make required preparation for the Program in the respective countries.</p> <p>(1) Study pre-training materials which will be sent in advance</p> <p>(2) Formulation of Inception Report stating the situation of the country's city planning and urban development, its system and the current issues now facing participants and participants' organizations.</p> <p>Core Phase in Japan: The program consists of the following modules:</p> <p>(1) Inception Report Presentation</p> <p>(2) Overview of Urban Development Issues</p> <p>(3) System for City Planning</p> <p>(4) Particular subjects of City Planning</p> <p>(5) Master Plan</p> <p>(6) Case Study (Site Observation)</p> <p>(7) Interim Report Preparation and Presentation</p> <p>Participants are required to propose the Interim Report, which includes specific, feasible proposals to solve issues concerning city planning/urban development.</p> <p>Finalization Phase: Participants are expected to share Interim Reports with colleagues as well as the senior management of the same offices. The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write a final improvement plans in the Final Report.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p>	<p>CITY AND REGIONAL DEVELOPMENT BUREAU, MLIT</p> <p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005~2009</p>
	<p><b>REMARKS</b></p>	

Improvement of Housing and Living Environments 住宅・住環境改善		GROUP  0880950
		Urban/Regional Development—Urban Development
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of the course is to help Central and Local Governments or Governmental Organizations formulate a proposal to improve policies or systems regarding housing and living environments.</p> <p>Through the course, participants are expected to:</p> <ol style="list-style-type: none"> <li>1. Understand policies and systems regarding the housing and living environments of Japan,</li> <li>2. Identify effective policies and systems to improve housing and living environments and the points to be considered for the implementation, and</li> <li>3. Describe problems and issues regarding the systems and policies for housing and living environments of their countries, and propose a plan to improve those systems and policies</li> </ol> <p>The main theme of this program is Housing and Living Environment. The program hardly covers City Planning and Civil Engineering.</p>	<p>[Target Organizations] Central/Local governments or related organizations responsible for policy planning or implementation to improve housing conditions (except construction work)</p> <p>[Target Group] (1) Officers who belong to target organizations and are expected to play a leading role in the field (2) University graduates or equivalent (3) Age: 30–50 years old</p>	
CONTENTS	PROGRAM PERIOD	Oct.19.2008～Nov.29.2008
<p>Preparatory phase: Participants are required to make Country Report stating the situation of the country's housing and living environment, and the current issues which participants and participants' organizations are now facing.</p> <p>Program in Japan: The program is consists of following modules:</p> <ol style="list-style-type: none"> <li>1. Japanese housing situation and housing policy (Social system, situation of housing and housing policy, city and housing issues in rural areas)</li> <li>2. Housing policy and system (public housing, housing loans, housing quality assurance, building standard law)</li> <li>3. Housing and urban development and improvement (city planning, re-development, land readjustment, living environment improvement, development of new-towns, urban renewal, preservation districts for groups historic buildings)</li> <li>4. Prevention of disaster</li> <li>5. International cooperation (field of housing and building, HABITAT)</li> <li>6. Housing issues and policy in developing countries (social and economic development and housing policy)</li> </ol> <p>The participants are required to propose the improvement plan of the urban transportation planning and project.</p> <p>Post-program activities Participants are expected to share the proposal with colleagues as well as the senior management of the same offices. The concepts and implementation plan of the proposal are reviewed and examined within the governments. The returned participants are required to report the progress of the proposal to JICA Tokyo.</p>	IMPLEMENTING PARTNER	HOUSING BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005～2009
	REMARKS	Just after the end of the World War, housing shortage and increasing housing quality were big issues in Japan. Through such experience of Japan, the program can provide various kinds of experience and knowledge at any stage of housing development.


Target Countries: Central Asia


10 participants / Russian

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to provide practical knowledge and wide-range perspectives for planning and management of regional development policy by learning regional development experience in Hokkaido.                      Upon successful completion, following outputs are expected;                      1) Understand the Hokkaido comprehensive development designated by the central government                      2) Understand regional development through studying cases of Hokkaido (Industrial promotion, Environmental conservation, Public works, etc.)                      3) Understand the roles of the central and local government                      4) Evaluate the Hokkaido comprehensive development and consider its applicability in each country</p>	<p>(1) Nominated by each government in accordance with the proper procedures                      (2) Working experience in the field of regional development administration for more than 2 years                      (3) Administration officers in the field of planning and implementation of regional development                      (4) University graduates or equivalent                      (5) Individuals over 25 and under 40 years of age                      (6) Individuals proficient in spoken and written Russian                      (7) Individuals in good health, both physically and mentally, to undergo the course of training</p>	
CONTENTS	PROGRAM PERIOD	Jan.14.2009~Feb.20.2009
<p>&lt;Preparatory Phase&gt;                      Prepares Pre-training Report to share the problem he/she has.                      &lt;Curriculum in Japan&gt;                      -Lectures: On Japan's administrative and financial system/comprehensive development of Hokkaido/Growth of Japanese Economy and its Background/Hokkaido comprehensive development system and National, Regional Development Financing Systems/Relationship between Central and Local government/Finance system in Japan and Hokkaido development budget/Project assessment systems/Planning and Supervising by Local Administration/Local government system/Agricultural policy/Industrial policy/Promotion policy on SMEs/Environmental policy, Integrated transportation system/Public works/Mechanism and system of agricultural cooperative                      -Field visit: Public works/SMEs/Agricultural cooperatives/Local promotion                      -Presentation: Country reports and action plans                      &lt;Finalization Phase&gt;                      Present Action Plan in respective organizations</p>	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau (HRDB), Ministry of Land, Infrastructure and Transport
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006~2010
	REMARKS	

<b>Community Capacity and Rural Development – Focusing on One Village One Product</b> <b>– for African Countries</b> <b>アフリカ地域産業振興(一村一品)</b>		 0884252
		Urban/Regional Development—Regional Development
		15 participants /
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Through this program, participants are expected to; <ol style="list-style-type: none"> <li>(1) understand the concept of community capacity and rural development,</li> <li>(2) understand the system and the policy for community capacity development through case study of One Village One Product Movement,</li> <li>(3) understand the system of planning, implementing and evaluating for rural development, and</li> <li>(4) make a plan for rural development on the basis of community capacity development and learn the appropriate methods in order to materialize the plan.</li> </ol>	Central/Local officials who are in charge of planning / implementing /evaluating the rural development.	
CONTENTS	PROGRAM PERIOD	Mar.16.2009～Apr.12.2009
<ol style="list-style-type: none"> <li>1. Preliminary Phase in a participant's home country Preparation of Inception Report</li> <li>2. Core Phase in Japan               <ol style="list-style-type: none"> <li>1) Lecture, presentation and discussion                   <ul style="list-style-type: none"> <li>•Community Capacity Development</li> <li>•Inception Report Presentation</li> <li>•Role of local government in regional development</li> <li>•Japan's Administration System: Organization and responsibility for development</li> <li>•Planning and Evaluation of Project</li> <li>•Marketing/Brand Promotion</li> <li>•Interim Report Preparation, Presentation and Discussion</li> </ul> </li> <li>2) Case Studies and Group Discussions</li> <li>3) Filed Work (Focus on OVOP)</li> </ol> </li> <li>3.Finalization Phase in a participant's home country Writing and submission of Final Report</li> </ol>	IMPLEMENTING PARTNER	Ritsumeikan Asia Pacific University (APU)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007～2009
	REMARKS	This program includes active participation in discussions and action plan development, thus requires high competence of English ability.

# 17.Environmental Management

<b>Domestic Waste Water Treatment Techniques</b> <b>生活排水対策</b>		GROUP  0880006 Environmental Management—Water Pollution 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
The objective of this program is to make feasible action plans to solve or improve wastewater problems for which the participant is responsible through learning about Japanese wastewater treatment techniques and policies. To reach the objective, participants are expected to achieve the following: (1) To understand waste water treatment management in Japan and in regional governments, and understand the problems in own country (2) To acquire a basic understanding of the knowledge and technologies related to waste water treatment systems for sewerage and others, and be able to evaluate technologies that can be applied in your own country (3) To learn methods for measuring the degree of environmental pollution and methods for managing pollution, and be able to explain them (4) To comprehend the ideal form of effective waste water treatment technologies in terms of water resource and river pollution treatment policies from the point of view of water recycling and the water cycle (5) To propose sewerage management plans	[Target Organizations] Central/local government  [Target Group] Technical administrators in the field of domestic wastewater treatment in central or local governments	
CONTENTS	PROGRAM PERIOD	Aug.27.2008~Dec.8.2008
All topics consist of lectures, practice, and exercises (1) Introduction to municipal administration, Introduction to water quality preservation (2) Wastewater treatment technique, Treatment technique for human waste, Low-cost septic tank technology, Solid waste management (3) Monitoring method for toxic chemicals, Leachate treatment technique (4) Administration for water quality, Monitoring method for water pollution, Recycling technology of polluted mud (5) Job report, Action plan, Project cycle management	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2005~2009
	REMARKS	1) A problem analysis sheet is used to help identify the participants' problems in their countries. 2) The curriculum focuses on low-cost domestic wastewater treatment methods such as septic tanks.

<b>Environmental Administration with Community Participation</b> <b>住民との協働による環境都市づくり</b>		GROUP  0880007 Environmental Management—Water Pollution 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
This program is designed to enable participants to improve their abilities to prevent environmental pollution undergoing rapid industrialization through lessons learned from Minamata's experience, and to utilize know-how of mobilizing local communities in the environmental conservation policies of participants' countries. 1) Through understanding what Japan and Minamata City have experienced, be able to understand the seriousness of pollution damage and the difficulty of restoring the natural environment. 2) Through observation of Minamata City activities, understand the specific arrangements of the creation of a recycling-oriented society in Japan that involves the residents, the private companies, local governments and the state. 3) Understand the arrangements of environmental education conducted in concert with local residents. 4) Propose a basic strategy for environmental improving activities with community participants in your own country.	(1) Program officers at central or local government engaged in environmental policy-making (2) NGO personnel working on environmental conservation * Participants are expected to have experience or a strong interest in formulating and implementing projects based on community participation	
CONTENTS	PROGRAM PERIOD	Oct.1.2008~Nov.17.2008
The program consists of lectures, practical exercises, discussions, observation and communication with local residents, covering the following themes: (1) Causes of "Minamata Disease" and its mechanism, Physical and mental injury by Minamata disease and its deleterious effects on local communities (2) Environmental policies and administration of the nation, prefecture and Minamata disease (3) Efforts made by Minamata City government and local residents toward environmental conservation (classification of wastes, activities relating to ISO14001), Communication with patients of Minamata disease, their families and citizens (4) Job report, Action Plan	IMPLEMENTING PARTNER	MINAMATA CITY GOVERNMENT
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2005~2009
	REMARKS	Participation of countries which face the hazard of environmental pollution is preferable.  At least 2 candidates are required per country.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of the training course is to enhance the ability of policymaking especially for environmental policy or regulations based on the environmental monitoring data.</p> <p>For this purpose, we set up 4 objectives:</p> <p>(1) To understand the meanings of the environmental indicators                      (2) To acquire the ability to formulate the environmental standards based on the environmental monitoring data                      (3) To acquire the ability to formulate the environmental regulations based on the environmental monitoring data                      (4) To acquire the ability to plan countermeasures against pollution based on the environmental regulations</p>	<p><b>【Target Organizations】</b>                      Policy making sections about environmental issues in central / local governments</p> <p><b>【Target Group】</b>                      Policymakers of the environmental policies or regulations</p>	
CONTENTS	PROGRAM PERIOD	Jan.14.2009～Feb.2.2009
<p>1) Meaning of environmental indicator (BOD, COD, NOx, SOx, etc.)                      2) Environmental monitoring method                      3) Formulating the environmental standards based on the environmental monitoring data in participating countries                      4) Formulating the environmental standards</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007～2009
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed for technical officials in developing countries, who are in charge of solid waste management in national/local government to enhance their capabilities for effective and proper planning and implementation of solid waste management.</p> <p>1)to clarify the issues and causes of solid waste management in their respective countries.                      2)to understand the present system and the historical process of environmental policy and solid waste management in Japan                      3)to understand the techniques and measures used in each process of solid waste management (collection and transportation, intermediate treatment, final disposal) in Japan                      4)to understand the importance and concrete methods of environmental education/awareness for solid waste management                      5)to understand the role and concrete methods of environmental management such as EIA in solid waste management</p>	<p>Department which deals with solid waste management in national/local government</p>	
CONTENTS	PROGRAM PERIOD	Dec.1.2008～Feb.20.2009
<p>1)Issue Analysis Workshop                      2)Outline of environmental Preservation Administration, Industrial Waste Administration etc.                      3)Landfill Disposal Technique, Promotion of 3R, collection and transportation etc.                      4)Basic Policy for Environmental Education, Practice in Environmental Education etc.                      5)Environmental Impact Assessment, etc.</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-Cooperative Association
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008～2010
	REMARKS	

Integrated Solid Waste Management for Central and Local Government Officers 行政官のための固形廃棄物総合管理		GROUP	0880102
		Environmental Management—Environmental Administration	
		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】Strengthening of capacity on effective SWM system planning through the integrated technologies in the said field, by government officers practically in charge. The said targeting groups shall be encouraged to grow the mind for local development and environmental conservation as well. 【Outputs】(1) 1) Issue Analysis Workshop/To clarify the issues and causes of solid waste management in their countries./ (2) 2) Industrial Waste Administration/To understand the present system and the characteristics of SWM administration to compare with their own and to extract hints for improvement. / (3) 3) To understand the techniques used in each process of solid waste management (collection and transportation, intermediate treatment and final disposal) in Japan/ (4) 4) To understand the concrete methods of environmental education/awareness for solid waste management/ (5) 5) To understand the concrete methods of autonomous Environmental Management System (EMS) to achieve adequate solid waste management</p>	<p>【Target Organizations】 Department which deals with solid waste management in national/local government or related organizations. 【Target Group】 National or local governmental officers for Integrated Solid Waste Management with more than five (5) years of practical experience in the field of Waste Management. Being university graduates or have the equivalent academic background. Being proficient in speaking and writing English</p>		
CONTENTS	PROGRAM PERIOD	Jan.13.2009～Feb.28.2009	
<p>(1) Country&amp;Job report/Problem Analysis /Awareness raising for local development and environmental conservation, Prediction of urbanization /Goal setting for each one's country or region (2) Laws and regulations on Waste management in Japan/Waste administration at central/local government and Waste separation/3R policy, accuracy of waste separation, recognition as a "resource"/Environmental Impact Assessment on Installation of disposal site (3) Technologies for collection and transportation /Waste treatment technology /Accompanied effluent gas and discharged water treatment technology, detoxifying technology for hazardous substances and residues/Concepts on Eco-Town and recycling business/Planning of waste treatment technologies appropriate for each country (4) Environmental awareness raising activities, methods taken by Government, schools and private sectors, for the purpose of environmental protection promotion (5) ISO 14001/Step-by-step approach of goal setting, implementation, review by abridged and local version of EMS</p>	IMPLEMENTING PARTNER	International Center for Environmental Technology Transfer (ICETT)	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2008～2008	
	REMARKS		

Workshop on Administration of Environmental and Social Consideration Process for Implementation of a Japanese ODA Loan Project 円借款事業における環境社会配慮実務		GROUP	0880106
		Environmental Management—Other Environmental Management Issues	
Target Countries: Countries which have an on-going or a proposed Japanese ODA Loan Project		18 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 The participants are expected to work for qualitative improvement of the EIA in their countries and to implement the environmental and social considerations required to Japanese ODA Loan. 【Outputs】 (1) To be able to explain necessity of adequate environmental and social considerations referring to lessons from experience of ODA projects  (2) To be able to explain outline of guidelines of environmental and social considerations required for a Japan's ODA loan project (3) To understand the fundamental ideas of EIA and to be able to explain their proper procedure of environmental and social consideration and technical points for their implementation. (4) To identify the issues and measures to promote proper EIA in their countries</p>	<p>【Target Organizations】 (1) Implementation body of a Japan's ODA Loan Project (or a proposed project), which requires environmental and social consideration in accordance and (2) the implementation body of the EIA</p>		
CONTENTS	PROGRAM PERIOD	May.18.2008～May.31.2008	
<p>(1) - Lecture &amp; Discussion: Experience of environmental and social consideration for ODA projects and its lessons -Lecture: lessons and learns of large scale development project in Japan -Lecture: Project economic analysis of a project and environmental and social consideration (2) - Lecture: Environment and Social Consideration of JBIC and JICA (3) -Lecture: Overviews of EIA -Lecture: Social Environmental Assessment - Lecture: - Group work: EIA Process (Screening, Scoping, Mitigation, Public Hearing &amp; Transparency /Accountability, Monitoring &amp; Follow-up) (4) -Presentation: Country Report, Case Study -Lecture: Environmental Assessment law in Japan(Comparative study) -Report writing: on findings through the program</p>	IMPLEMENTING PARTNER	Japan Bank for International Cooperation	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008～2010	
	REMARKS		





<b>Waste Management and 3Rs (Reduce,Reuse,Recycle) Policy</b> <b>廃棄物3R・再資源化</b>		GROUP  0880121 Environmental Management—Urban Solid Wastes 7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
The purpose of this program is to give the participants an overall knowledge of technologies for industrial waste management and recycling, present trends of legislation and policies in the field of industrial waste management & recycling, skills to develop and implement recycling plans for industrial waste, and an overall information on the facilities and equipment concerned.	(1) Technical university graduates or holders of equivalent technical knowledge & professional experience (2) Technical officials in the central or local government with more than 5 years of practical experience in the field of industrial waste management and recycling (3) 30–45 years old	
CONTENTS	PROGRAM PERIOD	Jan.9.2009~Feb.18.2009
(1) Present status of industrial waste management & recycling in Japan (2) Related legislation and strategies established in Japan (3) Implementation of countermeasures towards the creation of recycle-oriented society (standardization by ISO / green purchasing / product assessment (including LCA) / 3R-oriented design (Design for Environment)) (4) Present status of recycling by products in Japan (packagings & containers / home electrical appliances / foods / construction materials / end-of-life vehicles) (5) Development of environmental key technology (pre-treatment (collection, dismantling, crushing, sorting, dehydration & drying) / incineration, vitrification (melting) & solidification / pyrolysis / bio-treatment / energy-utilization)	IMPLEMENTING PARTNER	CLEAN JAPAN CENTER
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	1990~2008
	REMARKS	This program is conducted biennially and planned to be held in Fiscal years 2004, 2006 and 2008.

<b>Pollution Control for Hazardous Substances in the Environment</b> <b>環境中の有害汚染物質対策</b>		GROUP  0880224 Environmental Management—Other Environmental Management Issues 5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
This course is designed for participants to acquire the abilities to evaluate from emission sources on the environment pollution control, and formulate measures to prevent pollution due to hazardous substances through the following outputs: (1) Understand recent conditions and history of pollution caused by hazardous substances, including Minamata disease, etc. caused by metal containments (2) Understand the effects on human health resulting from metal contaminants and other hazardous substances (3) Understand local government's pollution controls for hazardous substances such as environmental assessment and systems based on laws and ordinances (4) Understand analytical techniques and methods of environmental monitoring implemented by local government so as to obtain a grasp of current status of environment (5) Understand methods of surveying to obtain a grasp of sources of environmental pollution due of metal contaminants	(1) University graduates with a chemistry background, or the equivalent aptitude and knowledge (2) Key administrative engineers (not including researcher) in the environmental field with at least 5 years of experience (3) Between 30 – 40 years of age	
CONTENTS	PROGRAM PERIOD	Jun.2.2008~Aug.9.2008
Step1 <Know the background to hazardous pollutant countermeasures> 1-1 Overview of Pollution Due to Hazardous Substances (Lecture) 1-2 Health Impacts, etc., of Hazardous Substances (Lecture) Step2 <Acquire basic information relating to hazardous pollutant countermeasures> 2-1 Environmental Measures by Local Government (Lecture) 2-2 Environmental Monitoring (Lecture/Practice) Step3 <Learn concrete methods relating to hazardous pollutant countermeasures> 3-1 Studies Trace Pollution Sources 3-2 3R Promotion Techniques (Lecture/Observation) 3-3 Pollution Control Technologies (Facility Tour) Step4 <Acquire solutions from specialists for accomplishment of tasks in the home country> Step5 <Action Plan Presentation and Verification of Manifested Effects of Training> Follow-up by JICA-GEC Network	IMPLEMENTING PARTNER	OSAKA PREFECTURAL GOVERNMENT, DEP. OF ENVIRON.&Agri.
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2006~2010
	REMARKS	Participants are required to bring some photos, slides, or data of examples of hazardous substances pollution.

Comprehensive Waste Management Technique 廃棄物管理総合技術		GROUP	0880226
		Environmental Management—Urban Solid Wastes Environmental Management—Industrial Solid Wastes 9 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants will acquire comprehensive knowledge and skills on solid waste management to enhance their capabilities for effective and proper planning and implementation of solid waste management. (1) to clarify the issues and causes of solid waste management in their respective countries. (2) to understand the present system and the historical process of environmental policy and solid waste management in Japan. (3) to understand the techniques and measures used in each process of solid waste management (collection and transportation, intermediate treatment, final disposal) in Japan (4) to understand the importance and concrete methods of environmental education/awareness for solid waste management (5) to understand the role and concrete methods of environmental management such as EIA in solid waste management	<b>【Target Organization】</b> Departments in charge of solid waste management in national/local government or governmental organizations <b>【Target Group】</b> (1) Technical staff in charge of solid waste management at national/local government or governmental organization (2) More than three (3) years of work experience in the field of solid waste management (3) University degree or equivalent (4) Sufficient command of written and spoken English (5) Under forty (40) years of age in principle		
CONTENTS	PROGRAM PERIOD	May.13.2008~Aug.10.2008	
* This program deals with general, industrial and medical wastes. <b>(1) Issue analysis workshop:</b> Analysis of participants' countries <b>(2) Country report presentation:</b> Sharing the results <b>(3) Waste management policy:</b> Environmental policy and administrative system of waste management in Japan <b>(4) Landfill disposal technique:</b> Sanitary landfill technique "Fukuoka Method", etc. <b>(5) Collection and Transportation:</b> Time and motion, etc. <b>(6) Waste treatment technique:</b> Recycling, hazardous waste treatment, etc. <b>(7) Environmental education and awareness:</b> Role and concrete methods of environmental education taken by various actors (national/local government, schools, NGOs/citizens' groups and media) <b>(8) Environmental management:</b> Concept, methods and concrete examples of EIA, etc. <b>(9) Feedback session:</b> Review of each unit of the training <b>(10) Final report presentation:</b> Considering an action plan for improving waste management in participants' countries	IMPLEMENTING PARTNER	Environment Department, Hiroshima Prefectural Government	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2006~2010	
	REMARKS		


Research on Environment Technology 環境調和技術		GROUP	0880729
		Environmental Management—Other Environmental Management Issues 4 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>[Objective]</b> - The objective of this program is to master appropriate technologies and skills, and to develop leading researchers in the field of environmental technology.  To reach the objective, participants are expected to achieve the following: 1) To master methods to carry out research activities by themselves 2) To deepen knowledge on environmental technology 3) To build a broad network with other researchers 4) To make a presentation at an academic conference 5) To make a final report based on results of the research activities in Japan 6) To make a draft paper on how the research subject will be evolved in their respective organizations and will contribute for solving the issue in the field of environmental technology in their countries.	<b>[Target Organizations]</b> Public research institutes, universities  <b>[Target Group]</b> (1) Researchers in the field of environmental technology (2) Individuals with Masters degree or equivalent (3) Individuals with at least 3 years of research experience		
CONTENTS	PROGRAM PERIOD	Jul.15.2008~Feb.28.2009	
Preparatory phase: - Participants are requested to make their own research proposals according to the topic of the research subject determined before their coming to Japan. In this process it is essential to contact the host researchers and to have consultations.  Program in Japan: - Introductory lectures in AIST (1.5 weeks) 1) Introductory lectures 2) Observation tour of the research institutes in Tsukuba Science city - Individual research (about 7 months):  Development phase: - The draft paper will be shared with the respective organizations of the participants. Six months after the end of the program in Japan, the participants will report the progress of their activities in their organizations to Japan.	IMPLEMENTING PARTNER	National Institute of Advanced Industrial Science	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
REMARKS	- The program includes intensive Japanese language lessons (25 hours). - Related website: National Institute of Advanced Industrial Science and Technology <a href="http://www.aist.go.jp/index_en.html">http://www.aist.go.jp/index_en.html</a>		


Air Quality Management Policy 大気保全政策		GROUP 	0880864
Target Countries : Asia, Central and South America, Middle East, Europe		5 participants /	English
Environmental Management—Air Pollution/Acid Rain			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of this program is to contribute to the improvement of the air pollution control policy in the participating countries from technical and socioeconomic viewpoints. It is intended to share the Japanese specific experience on air pollution control policy with the participants and enhance frank discussions among them.</p> <p>Participants are expected to achieve the following results, i.e. to be able to make an air pollution countermeasure plan by taking leadership in the relevant fields at the national or the local governments through such items as:</p> <ol style="list-style-type: none"> <li>1. To understand the whole system of air quality management,</li> <li>2. To understand the technical aspects of air pollution countermeasures (stationary and mobile source), and air quality monitoring methods,</li> <li>3. To exchange opinions of the current status of air quality and countermeasures in each country, and</li> <li>4. To make an action plan for solutions of air pollution control problems.</li> </ol>	<p>Technical officials directly responsible for air pollution control administration, especially in a position to participate in the planning and deciding at either central or local governmental organizations with more than 3 years of experience</p>		
CONTENTS	PROGRAM PERIOD	Jan.16.2009～Mar.4.2009	
<ol style="list-style-type: none"> <li>1. ① Outline of air pollution issues, ② History of Japan's countermeasures against air pollution, ③ Air pollution control administration, ④ Countermeasures against stationary sources, ⑤ Environmental quality standard and health effects, ⑥ Countermeasures against hazardous air pollutants, ⑦ Countermeasures against dioxin ⑧ VOC countermeasures ⑨ Air pollution control administration by local governments, ⑩ Offensive odor control, etc.</li> <li>2. ① Diffusion of pollutants in the atmosphere, ② Photochemical air pollution, ③ Air pollution control technology and energy issues, ④ Air pollution control technology and energy issue, ⑤ Global atmospheric environmental problem, ⑥ techniques for the measurement of air pollution and sampling, ⑦ Malodor measuring methodology, ⑧ Environmental impact assessment and information processing, ⑨ Analysis technology, present situation</li> <li>3. Country report presentation and discussion, 4. Preparation and presentation of an action plan</li> </ol>	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2004～2008	
	REMARKS		


Facility Maintenance Management for Productivity Improvement and Cleaner Production 生産性向上とクリーナープロダクションのための設備保全管理		GROUP 	0880885
Environmental Management—Cleaner Production		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The objectives of this program are (1) To train maintenance managers and engineers to maximize the capability of facilities and to eliminate facility problems (environmental pollution, wasted energy/resources, etc.) for cleaner production, and (2) To establish a framework for optimizing equipment management and maintenance, and to contribute to economic development and improvement of the global environment through achieving sustainable cleaner production (CP). To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1) To consider the roles and issues of equipment maintenance and management</li> <li>2) To learn the transition of maintenance management methods (e.g. activation method in maintenance sites)</li> <li>3) To learn improvement measures and procedures in maintenance service</li> <li>4) To learn about computer systems for maintenance management and advanced maintenance technology</li> <li>5) To improve the method and ability to respond to accidents and disasters in the maintenance site</li> </ol>	<p>[Target Organizations] Equipment management/maintenance department</p> <p>[Target Group] 1) At least 3 years of practical experience in maintenance works 2) Manager or higher in plant maintenance work 3) University graduate of engineering or equivalent</p>		
CONTENTS	PROGRAM PERIOD	Jan.7.2009～Apr.27.2009	
<p>All topics include lectures, practice, and site visits.</p> <ol style="list-style-type: none"> <li>1) Global environment issues and CP, Management method for maintenance site (e.g. PDCA cycle) and enhancing safety/disaster handling capabilities</li> <li>2) Transition and issues of equipment and maintenance management (e.g. time based management, risk based management)</li> <li>3) Equipment maintenance service (e.g. cost management, resource management) and methods for improving it, Equipment diagnosis techniques (e.g. vibration diagnosis, nondestructive inspection, insulation diagnosis)</li> <li>4) Computer system for equipment maintenance and data administration, Education and training methods for passing on basic maintenance skills, Maintenance techniques for major equipment (e.g. hydraulic power units) and repair techniques for machine products</li> <li>5) Life cycle costing and plant engineering</li> </ol>	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2004～2008	
	REMARKS	<p>This program covers not only maintenance management but also management techniques for activating the organization thorough the experience of Japanese manufacturers, one of the most competitive organizations in the world.</p>	


Computerized Machine Control for Mechanical Automation –Essentials for Cleaner Production- コンピューターによる機械制御—クリーナープロダクションのための高度設備システムの構築		GROUP	0880886
		Environmental Management—Cleaner Production	
		6 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants will acquire the knowledge and techniques of mechanical automation, quality management, and productivity improvement in order to play an essential role in realizing successful mechanical automation and cleaner production. To reach the objective, participants are expected to achieve the following results. (1) To develop equipment management abilities (cleaner production, equipment management and maintenance) (2) To master the basics of control systems (classical control theory, feedback control, simulation) (3) To master element technologies (electric and electronic technology, microcomputer, mechanical) (4) To master operation and application technologies	(1) Individuals interested in studying computerized machine control and mechatronics and have at least 5 years of work experience in the process industry or assembly industry such as production and maintenance (2) Mechanical engineering graduates, or equivalent (engineers with Ph.D. will not be accepted) (3) Age: Preferably under 35 years old		
CONTENTS	PROGRAM PERIOD	Oct.13.2008~Mar.18.2009	
(1) Cleaner production in manufacturing (2) Theory of servo control and process control and their practices by mini plants (3) Computer simulation of control systems using MALAB/SIMULINK and Bondgraphs (4) Computerized numerical control and its application (5) Practice of variable speed electric motors (servo motor and VVVF inverter system) (6) Programming of micro-processor for controlling a mini robot assembled by each participant (7) Cases of application such as industrial robots, CNC machine tools and injection molding machines (8) Study tours visiting some leading companies in Japan - Special Activity: Joining the Technical High School Robot Contest in Miyazaki Prefecture (venue: Miyazaki Prefectural Technical High School). The JICA Participants, with the cooperation of Miyazaki Technical High School, are to join the contest as a team and exercise machine control practices.	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2004~2008	
	REMARKS	This program provides the latest theory by professors, advanced industrial technologies by active engineers, and basic knowledge by experienced engineers, to develop leading engineers with a high degree of professionalism and vision.	

Environmental Impact Assessment for ODA Project ODAにおける環境影響評価		GROUP	0880936
		Environmental Management—Environmental Management	
		16 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objective】</b> Participants will be able to increase their capability for providing appropriate guidance to organizations engaged in EIA (Environmental Impact Assessment) or ESC (Environmental and Social Considerations) as well as being able to make more appropriate judgment for the implementation of EIA in their countries by referring to numerous advanced cases.</p> <p><b>【Outcome】</b> Through the program, participants are expected to: (1) Be able to explain the fundamental ideas, mission and problems of ESC. (2) Learn the efforts of international aid agencies to increase the awareness of ESC and be able to describe the requirements for development projects. (3) Be able to explain the points of procedures and techniques for the implementation of EIA/ESC. (4) Gain the skills to facilitate smooth consensus-building through workshops. (5) Be able to identify issues of EIA/ESC in their counties, analyze problems and logically present their solutions.</p>	<p>1) Examining authority for EIA, 2) National or Local Government engaged in large-scale development projects requiring EIA <b>【Group】</b> (1)be technical officers in charge of planning and implementation of in ODA projects, (2)have basic knowledge and experience in EIA, (3)be able to utilize the knowledge obtained during the course to own administrative operations, (4)be under forty-five (45) years of age, (5)be university graduates or equivalents, (6)have enough English capability for discussions and presentations. (7)be in good health, both physically and mentally</p>		
CONTENTS	PROGRAM PERIOD	May.11.2008~Jun.7.2008	
<p>&lt;Preliminary phase in home country&gt; Preparations for Inception Report (organizational framework and job description, state of EIA system and Cases conducting EIA in their organizations) and its presentation.</p> <p>&lt;Core Phase in Japan&gt; A set of exercise, lectures and site visit will be covered in the main subjects follow. 1) Introduction to EIA, 2) International cooperation and EIA, 3) Procedures and methodologies of EIA, 4) Operational skills, 5) Presentation skills Through these subjects, participants formulate model plan for implementing EIA.</p> <p>&lt;Follow-up phase in home country&gt; Participants are expected to report the current situation on EIA.</p>	IMPLEMENTING PARTNER	Overseas Environmental Cooperation Center	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
REMARKS	Since this program is subject to administrative officers with technical background, researchers may not be able to attain their academic objectives through this training program.		

Environmental Radioactivity Analysis and Measurement Technique 環境放射能分析・測定技術		GROUP 	0880938
		Environmental Management—Other Environmental Management Issues	
		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program provides opportunity for technicians and researchers of environmental radioactivity analysis/measurement institutions in countries, that have nuclear power plants/experimental reactors or highly concentrated natural radiation sources to enable them to precisely measure radiation doses and protect people from its effects.</p> <p>By the end of this program, participants will be able:</p> <p>(1) To acquire basic knowledge necessary to carry out environmental radioactivity analysis &amp; measurement,</p> <p>(2) To understand methods to collect &amp; pretreat environmental samples,</p> <p>(3) To understand methods of radionuclide analysis (gamma-ray spectrometry, tritium analysis, radiostrontium analysis, uranium analysis and radon measurement),</p> <p>(4) To understand methods for measurement of environmental gamma ray dose rate and accumulate dose, and</p> <p>(5) To formulate action plan to apply acquired knowledge for future activities in their country.</p>	<p>[Target Organizations] Radioactivity analysis/measurement institutions.</p> <p>[Target Groups] Technicians or researchers with basic knowledge on environmental radioactivity analysis/measurement.</p>		
CONTENTS	PROGRAM PERIOD	Aug.15.2008~Sep.15.2008	
<p>This program consists of lectures, laboratory exercises, and observation tours. The following subjects will be covered:</p> <p>(1) Basics of Environmental Radioactivity Analysis,</p> <p>(2) Collection and Pretreatment of Environmental Samples,</p> <p>(3) Gamma-ray Spectrometry with a Ge Semiconductor Detector,</p> <p>(4) Tritium Analysis,</p> <p>(5) Radiostrontium Analysis,</p> <p>(6) Uranium Analysis,</p> <p>(7) Radon Measurement,</p> <p>(8) Measurement of Environmental Gamma Ray,</p> <p>(9) Formulation of Action Plan</p>	IMPLEMENTING PARTNER	Japan Chemical Analysis Center	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Countries, that have nuclear power plants and/or experimental reactors or highly concentrated natural radiation sources, and those making effort to monitor environmental radioactivity.	


Water Environmental Monitoring 水環境モニタリング		GROUP 	0880962
		Environmental Management—Water Pollution	
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objective】</b> This course aims at enhancing technical capabilities of officers and laboratory staffs in the field of water quality monitoring and helping them develop action plans for improving their operations.</p> <p><b>【Outputs】</b> Participants are expected to be able to:</p> <p>(1)To be able to explain the mechanism of the water pollution and its effects.</p> <p>(2)To deepen the knowledge on water quality management.</p> <p>(3)To gain the basic practical skills on water quality monitoring and data processing.</p> <p>(4) To analyze the challenges on water quality monitoring in relevant organization and formulate an action plan.</p>	<p>&lt;Organization&gt; (1) Central/local government and public institutions in charge of water quality monitoring.</p> <p>&lt;Qualifications&gt; (1)leading technical officers in central and local government to plan and implement comprehensive and systematic monitoring on water quality. (2) being a university graduate (science or engineering) or have the equivalent academic background, and have basic knowledge on water environment, (3)25 -35 years of age, (4)have sufficient command for discussing and making presentation in English</p>		
CONTENTS	PROGRAM PERIOD	Sep.7.2008~Oct.25.2008	
<p>&lt;Preliminary Phase in home country &gt; Making a Country Report describing job outlines, the status of water quality management, water environment. Filling up Questionnaire.</p> <p>&lt;Core Phase in Japan &gt; The set of lectures, practice, site visits and discussion session will be conducted. The main subjects are:</p> <p>(1) Mechanism of water pollution and its effects on our life</p> <p>(2) Water pollution management system</p> <p>(3) Methodology of water quality monitoring</p>	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Other Implementing Partner -National Environmental Research & Training Institute, Ministry of Environment -Japan Society on Water Environment	


Seminar on Comprehensive Solid Waste Management 廃棄物総合管理セミナー		GROUP 	0880974
		Environmental Management—Urban Solid Wastes	
		10 participants /	ENGLISH
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants are expected to 1. expand the knowledge on administration system of solid waste management system. 2. enhance the outline of solid waste management technologies which include collection, transportation, intermediate treatment, final disposal, re-use and recycling. 3. expand the knowledge for improving their institution through understanding their own problems and other countries' case.	(1) Mid-career officials presently in charge of solid waste management in central or provincial governments or in local bodies, with more than 2 years of occupational experience in this field (2) Under 45 years old (3) University graduates or possess equivalent technical qualifications in this field		
CONTENTS	PROGRAM PERIOD	May.13.2008~Jul.2.2008	
The following subjects are covered at the seminar; (1) Waste management administration in Japan, Planning of waste management (2) Reduction of waste and citizen's participation (3) Solid waste collection and transportation (4) Solid waste treatment and disposal (5) Recycling and reuse technologies (6) Hazardous waste management (7) Others (country report presentation, group discussion and action plan presentation)	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This program is designed for countries whose main final disposal site is NOT in coral area. The country report is used not only for selecting applicants, but also for presentation.	

Environmental Management Technology in Chemical Industries 化学産業における環境管理技術		GROUP 	0880982
		Environmental Management—Other Environmental Management Issues	
		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The participants are expected to obtain the capabilities of applying environmental management skills and methods in their respective countries, through learning of the latest information regarding those skills used in Japan. [Expected Results] 1. To broaden understanding of the legal system and management technique for chemicals through the whole life cycle from production to disposal of products as well as their environmental management 2. To acquire technical knowledge needed for the management of chemical substances such as test and assessment methods, risk assessment techniques, etc. 3. To gain a better understanding on comprehensive knowledge of the latest technology currently used in Japan for environmental management i.e. safety management and reduction of effluent discharge, detoxification of hazardous chemicals, resources recycling, energy conservation, etc. 4. To gain understanding of environmental monitoring and domestic solid waste treatment conducted by local governments	[Target Organization] National or local governments, petrochemical and other chemical industries in charge of environmental management [Target Group] (1) Governmental inspectors or planners for the industry, business executives or technical engineers with at least 5 years of practical experience in the field of environmental conservation (2) Age: Under 45 years old (3) University graduates or those with equivalent academic background and proficient command of spoken and written English		
CONTENTS	PROGRAM PERIOD	Jun.2.2008~Jul.19.2008	
1: Orientations and the Latest Technologies Implemented in Local Government (1) Introduction of the City of Yokkaichi and its Petrochemical Industrial Complex (2) Laws on Emission and Disposal of Chemicals (3) Footsteps on Improving Environment (Yokkaichi's Experience) (4) Local Government's Environment Monitoring System 2: Risk Management Technology on Chemical Substances (1) Risk Management of Chemical Substances and Latest Technology of Analysis (2) Cleaner Production (3) Air Pollution and Water Pollution Control Technology 3: Environmental Management of Chemical Industries (Factories visit) 4: The Latest Technology for Chemical Substances Management (1) Solid Waste Final Disposal Site (2) Dioxin Analysis Technology (3) Toxic Chemical Substances Control (4) Energy Saving Type Wastewater Treatment Technology 5: Summary (Evaluation Meeting and Final report & Action Plan presentation)	IMPLEMENTING PARTNER	INT'L CENTER FOR ENVIRONMENTAL TECH. TRANSFER	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	http://www.icett.or.jp/ For applicants from non-governmental organization, an official authorization is needed to show the equivalence to a governmental organization.	

Environmental Policy and Environmental Management System 環境政策・環境マネジメントシステム		GROUP	0880992
		Environmental Management—Environmental Administration	
		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This course is designed for participants to be able to identify problems related to environmental policies and/or environmental management systems in each country or area utilizing the contents of the course, and thus propose the measures to solve them. To achieve this objectives, participants are expected to;</p> <p>1. Consider applications to each country of Japanese experience in environment disruptions and other environmental issues, Japanese legislative efforts upon environment, and cooperative initiatives among local people, public administrations and private companies.</p> <p>2. Acquire the ability to propose the introduction of international standards on environment conservation.</p> <p>3. Consider measures necessary to initiate the environmental conservation with global view points and endurable development, and</p> <p>4. Utilize Environmental Management System (EMS) as a methodology for the endurable development, through the practices of the system.</p>	<p>(1) Middle-ranking officials in charge of project planning in the field of environment</p> <p>(2) Individuals with more than 10 years of experience</p> <p>(3) Between 35 and 45 years of age</p> <p>(4) University graduates</p>		
CONTENTS	PROGRAM PERIOD	Apr.29.2008~Jun.28.2008	
<p>In this program, the following major subjects will be covered through lectures, discussions and observation trips:</p> <p>(1) Countermeasure to environmental problem and its history</p> <p>(2) Environmental law system in Japan</p> <p>(3) Establishment of environmental standard and discharge standard</p> <p>(4) Monitoring of generation sources</p> <p>(5) Establishment of environmental management plan and regional pollution prevention plan</p> <p>(6) Environmental assessment</p> <p>(7) Sustainable development</p> <p>(8) Preservation of global environment</p>	IMPLEMENTING PARTNER	GLOBAL ENVIRONMENT CENTRE FOUNDATION	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Through a 6 day programme, participants will get 50% points to get the international authorized environmental audit personnel including UNEP personnel.	

The environmental Management of Enclosed Coastal Seas 閉鎖性海域の水環境管理		GROUP	0880997
		Environmental Management—Water Pollution	
Target Countries: Countries with closed marine systems and/or river estuary regions		4 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To transfer skills related to Japan's experiences of environmental management in enclosed coastal seas and develop the human resources who could play a major role in this field.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1)To clarify environmental problems or issues related to enclosed coastal seas in your country through formulating and presentation of Job Report</p> <p>(2)To improve your knowledge or skill in this field through the training</p> <p>(3)To formulate a practical action plan and finding a solution to environmental problems in your country</p> <p>(4)To share your action plan in your organization and submit a progress report after 6 months</p>	<p>【Target Organizations】 Department take in charge of environmental management of enclosed coastal seas</p> <p>【Target Group】 Officers, educators, and engineers in administrative bodies who presently need information and/or experience on the environmental management of enclosed coastal seas</p>		
CONTENTS	PROGRAM PERIOD	May.19.2008~Aug.2.2008	
<p>Preparatory Phase: Preparation of Job Report on environmental problems of enclosed coastal seas in participant's country.</p> <p>Program in Japan: (1)Overview of the management of enclosed coastal seas (2)Mechanisms of Environmental Pollution in Enclosed Coastal Seas (3)Environmental Management and Policies for Sustainable Development of Enclosed Coastal Seas (4)Methods of monitoring Enclosed Coastal Seas (5)Extension Program</p> <p>Post-protram activities: Implementation of Action Plan Participants have to submit a progress report after 6 months</p>	IMPLEMENTING PARTNER	INTERNATIONAL EMECS CENTER	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Sewage treatment technique for Central and South America 中南米地域生活排水処理		R/F 	0884018
Target Countries : Central and South America		12 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The purpose of this program is to enhance participants' capacities to improve the present situation of sewage treatment in respective countries by acquiring the fundamental knowledge and techniques for sewage treatment through learning the experiences of Japan and other countries.	<b>【Target Organizations】</b> Department in charge of planning, operation and maintenance of sewage treatment facilities in central/local government or concerned organizations <b>【Target Group】</b> Technical officials who meet the following qualifications; (1) Individuals in charge of planning, operation and maintenance of sewage treatment facilities in central/local government or concerned organizations (2) Individuals with a university degree in the field of science and basic knowledge about sewage treatment		
CONTENTS	PROGRAM PERIOD	Sep.2.2008~Nov.9.2008	
This course consists of lectures, discussions, practical exercises, and site observation.  * Water Environmental Issues and Sewage Treatment * General Theory of Sewage Treatment Technique * Current Situations and Issues of Sewage Treatment in Developing Countries * Capacity Development on Sewage Treatment * Site Observation of Sewage Treatment Facilities, etc.	IMPLEMENTING PARTNER	Higashi-hiroshima city, Hiroshima International Center	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Environmental Protection Technology and Management against Air Pollution 日韓共同 大気環境保全管理			0884138
Target Countries : Asia		15 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Government administrative officers and researchers in developing countries, who are in charge of air quality management or monitoring in national/local government become able to set basic policy strategies to address own problems.  (1)To understand basic knowledge on air pollution problem (2)To understand the policy and regulation for air quality management at central and local government in Korea and Japan. (3)To acquire the knowledge of monitoring and inspection system taken by national/local government in Korea and Japan. (4)To observe and understand monitoring methodologies for prevention of environmental pollution by private company. (5)To propose "action plan" for air quality management in own countries.	1) Individuals with more than 5 years experience of administrative or research work in the area of air quality management 2) Administrative engineers and researchers in the field of air quality management 3) Age: 30-50 years old		
CONTENTS	PROGRAM PERIOD	Oct.5.2008~Oct.18.2008	
Korea: 1) Global environmental issues 2) Indoor air pollution 3) Toxic organic and inorganic chemicals in atmosphere (POPs) 4) VOC control technology 5) Introduction of Research Institute of Public Health and Environment 6) Air quality policy in Korea Japan: 1) Observation of ambient air quality monitoring center 2) History and current state of air pollution control in Japan 3) Administrative measures for air pollution control 4) Administrative regulation of automobile exhaust gas 5) The way for promoting comprehensive air pollution control 6) Dust collection technology 7) Removal techniques of sulfur and nitrogen oxides	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD		
	REMARKS		



Target Countries : Southwest Asia

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will acquire comprehensive knowledge and skills on pollution control measures to enhance their capabilities for effective planning and implementation of pollution control.</p> <p>To attain the objective, participants are expected to achieve the following results:</p> <p>(1) To clarify the issues and causes of pollution control in respective countries (2) To understand the present system and historical process of pollution control in Japan mainly focusing on the role and function of local governments (3) To understand the fundamental techniques for water quality preservation, air quality preservation, and solid waste management (4) To understand the importance and concrete methods of environmental education/awareness for pollution control (5) To understand the system and methodologies of EIA (6) To make an Action Plan to promote effective pollution control in respective countries based on the knowledge and skills acquired from the course</p>	<p><b>【Target Organizations】</b> Departments in charge of pollution control (legislation and enforcement of related laws, planning and implementation of anti-pollution measures, monitoring and technical support) in central/local government or concerned organizations</p> <p><b>【Target Group】</b> (1) Administrative officials in charge of pollution control in national/local governments (2) Over three years of work experience in the field (3) University degree or equivalent (4) Sufficient command of written and spoken English (5) Under 45 years of age in principle</p>	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Dec.21.2008
<p>The program consists of the following units;</p> <p>(1) Issue analysis workshop: Analysis of issues and causes of pollution control in participants' countries (2) Country report presentation: Sharing the results from (1) (3) Overview: Environmental preservation administration, anti-pollution laws and environmental preservation techniques in Japan (4) Water quality preservation (5) Air quality preservation (6) Solid waste management (7) Environmental impact assessment (EIA) (8) Environmental education/awareness (9) Feedback session: Review of each unit of the training (10)Final report preparation and presentation: Considering an action plan for improving pollution control in participants' countries</p>	IMPLEMENTING PARTNER	Hiroshima Prefectural Government
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2006~2008
	REMARKS	

Target Countries : Asia-Pacific region and Central and South America

9 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To foster the personnel in charge of AR-CDM, and to enhance their abilities to develop and implement measures on AR-CDM</p>	<p><b>【Target Organization】</b> Central administrative organizations in charge of policies regarding AR-CDM</p> <p><b>【Target Group】</b> Administrative officers working for AR-CDM in central administrative organizations or its related organizations, or researchers Participation of counterparts in projects for technical cooperation is encouraged.</p>	
CONTENTS	PROGRAM PERIOD	Oct.14.2008~Nov.9.2008
<p>Lectures to understand the mechanism of global warming and measures for forest conservation scientifically and to understand Kyoto Protocol, rules for Kyoto mechanism, rules for AR-CDM and small scale AR-CDM Observations to grasp the present situations regarding forest conservation in Japan that contributes to AR-CDM Country report presentations and discussions to understand the roles of developing countries concerning Kyoto Protocol and forest conservation Practices about the carbon absorption calculation method and its actual calculation, and the processes to formulate a project plan for AR-CDM and to draw up project design drawing (PDD) The participants will make plans to conduct AR-CDM projects verified adaptability to their own countries.</p>	IMPLEMENTING PARTNER	JICA
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	

Target Countries: Asian Countries


6 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants are expected to</p> <ol style="list-style-type: none"> <li>1. learn the experience and knowledge on hazardous waste management in Japan.</li> <li>2. share their experiences on hazardous waste management in their countries.</li> <li>3. formulate draft Action Plans during the course to improve their situation through understanding their own problems.</li> </ol> <p>as expected after returning their countries                      be able to develop a hazardous waste management policy in their respective countries.</p>	<p><b>【Target Organizations】</b>                      Organizations engaged in hazardous waste management in the central government agencies</p> <p><b>【Target Group】</b>                      (1) Mid-career officials presently in charge of hazardous waste management in central government agencies                      (2) Under 45 years old                      (3) University graduates or with equivalent technical qualifications in this field</p>	
CONTENTS	PROGRAM PERIOD	Nov.18.2008~Dec.20.2008
<p>The following subjects are covered during the course;</p> <ol style="list-style-type: none"> <li>(1) Measures taken by central and local governments in Japan against hazardous waste including success and failure cases</li> <li>(2) Approach of business enterprises to specified wastes such as industrial wastes and hospital wastes generated by their activities</li> <li>(3) Comprehension of current treatment system and problems through observation trips to business enterprises and hospitals which generate hazardous wastes</li> <li>(4) Formulation of draft Action Plans through discussion, group work, knowledge and experience obtained in the course</li> <li>(5) Follow-up through an individual consultation, TV conference, etc., if necessary (financial support for realization of such an action plan as construction of disposal plant is not included)</li> </ol>	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2007~2009
	REMARKS	

Target Countries: Southwest Asia


8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Participants will acquire the knowledge and techniques to realize improvement measures for the solid waste management of respective countries.</p> <p>To reach the objectives, participants are expected to acquire the following knowledge and techniques :</p> <ol style="list-style-type: none"> <li>(1) Outline of environment / Administration / Organization / Finance and Economy / Law and legislation / Feasibility</li> <li>(2) Collection and conveyance</li> <li>(3) Treatment ("semi-aerobic" system landfilling)</li> <li>(4) 3R (Reduce, Reuse, Recycle), composting</li> <li>(5) Public awareness and participation</li> </ol> <p>* This training course aims to realize the improvement measures by discussions, presentations and exchange of information or present conditions and efforts already conducted in respective countries.</p>	<p><b>【Target Organization】</b>                      Organizations responsible for solid waste management</p> <p><b>【Target Group】</b>                      (1) Administrator officials responsible for solid waste management                      (2) At least 5 years of experience in the field</p>		
CONTENTS	PROGRAM PERIOD	Oct.29.2008~Dec.15.2008	
<p>A. Lectures &amp; Field Visits</p> <ol style="list-style-type: none"> <li>1) Outline of environment / Administration / Organization / Finance and Economy / Law and legislation / Feasibility</li> </ol> <p>History of overcoming pollution in Kitakyushu City, international cooperation on environmental issues, waste treatment in Kitakyushu City</p> <ol style="list-style-type: none"> <li>2) Collection and conveyance</li> </ol> <p>Separation, collection and transportation of waste in Kitakyushu, time and motion study for waste collection, collection and incineration of medical waste</p> <ol style="list-style-type: none"> <li>3) "Semi-aerobic" system landfilling</li> <li>4) 3R (Reduce, Reuse, Recycle), composting</li> <li>5) Public awareness and participation</li> </ol> <p>Reclaiming of scrap metal, compost using household garbage and dung of livestock</p> <p>Reconversion as resources for waste, environmental education for citizens, Community activities</p> <p>C. Group discussion D. Action plan presentation</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Expected number of participants per country : 2	

<b>Operation and Maintenance of Sewerage System and Waste Water Treatment Technique</b> <b>下水道維持管理システムと排水処理技術</b>		GROUP  0880103 Environmental Management—Water Pollution
		9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Based on the Action Plan proposed by respective participant, the knowledge or skills shall be shared his/her organization.</p> <p><b>【Outputs】</b>            (1) To review basic knowledge of sewerage systems and wastewater treatment            (2) To acquire knowledge necessary for planning and designing of sewerage systems (sewer network, wastewater treatment plants)            (3) To acquire knowledge necessary for maintaining sewerage systems (sewer network, wastewater treatment plants)            (4) To acquire knowledge necessary for industrial wastewater treatment and pretreatment facilities for discharge to sewerage systems            (5) To propose sewerage systems improvement plans as "Action Plans" for the participant's respective countries, with a clear understanding of relevant experiences and knowledge acquired in the course</p>	<p><b>【Target Organizations】</b> National/Local authority in charge of sewerage system operation and maintenance</p>	
CONTENTS	PROGRAM PERIOD	Jan.30.2009~Mar.30.2009
(1) - Japanese regulation and situation of sewerage system - Sewerage in Kitakyushu - Basic planning for sewerage system (2) - Sewer network planning - Construction and designing of sewage treatment facilities - Principles of biological treatments and selections of treating methods (3) - Construction of sewer network - Operation and maintenance of sewer network - Maintenance of wastewater treatment facilities - Water quality practices - Effective use of sewage sludge (4) - Water quality regulation of industrial wastewater - Water quality inspection of industrial wastewater - Wastewater treatment facilities (5) - Job report preparation (in advance), and presentation - Action plan preparation, and presentation - Report to JICA the progress of knowledge/skills sharing among the respective organization.	IMPLEMENTING PARTNER	Kitakyushu International Techno-Cooperative Association
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008~2010
	REMARKS	

<b>Operation and Maintenance of Sewerage System and Waste Water Treatment Technique</b> <b>下水道維持管理・都市排水</b>		GROUP 	0880105
Target Countries: Bhutan, Maldives, South Africa, Tanzania, Zimbabwe, Angola, Mauritius		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Based on the Action Plan proposed by respective participant, the gained knowledge or skills shall be shared in his/her organization. <b>【Outputs】</b> (1) To acquire basic knowledge of sewerage systems and wastewater treatment (2) To acquire knowledge necessary for planning and designing of sewerage systems (sewer network, wastewater treatment plants) (3) To acquire knowledge necessary for maintaining sewerage systems (sewer network, wastewater treatment plants) (4) To acquire knowledge necessary for sewerage administration and International cooperation (5) To propose sewerage systems improvement plans as "Action Plans" for the participant's respective countries, with a clear understanding of relevant experiences and knowledge acquired in the course	<b>【Target Organizations】</b> National/Local authority in charge of wastewater treatment, sewage work and stormwater drainage <b>【Target Group】</b> (1) be university graduate or those who have equivalent technical qualifications in this field, and have more than five(5) years of practical experience (2) be senior technical officers in charge of sewerage and drainage management in central /local government (3) be under 40 years of age		
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Nov.22.2008	
(1) To review basic knowledge related to; - Japanese regulation and situation of sewerage system - Sewerage in Osaka  (2) Planning, designing and constructing of Sewerage facilities (Basic Plan, sewerage pipe line, pumping station, sewerage treatment facilities, sludge treatment facilities, Principles of biological treatments and selections of treating methods) (3) Maintenance of sewerage systems (Sewerage ledger, sewerage pipe line, pumping stations, sewerage treatment facilities, sludge treatment facilities, water quality regulations and industrial wastewater, water quality test) (4) Sewerage administration and international cooperation (Finance and management of sewerage works) (5) Preparation/Presentation of action plan -Country Report preparation (in advance), and presentation -Action plan preparation, and presentation - Report to JICA the progress of knowledge/skills sharing among the respective organization.	IMPLEMENTING PARTNER	Public works bureau/Osaka City,	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to enhance the knowledge and techniques of leading technical in sewage management. Upon completion, followings outputs are expected;</p> <p>(1) To review basic knowledge of sewerage systems and wastewater treatment (2) To acquire knowledge for planning and designing of sewerage systems (sewer network, wastewater treatment plants) (3) To acquire knowledge for maintaining sewerage systems (sewer network, wastewater treatment plants) (4) To acquire knowledge for industrial wastewater treatment and pretreatment facilities for discharge to sewerage systems (5) To propose sewerage systems improvement plans as "Action Plans" for the participant's respective countries</p>	<p><b>【Target Organizations】</b> National/Local authority in charge of sewerage system operation and maintenance</p> <p><b>【Target Group】</b> (1) Senior technical officers in charge of sewerage management in central and local government (2) University graduates or equivalent qualifications in operation and maintenance of sewerage facilities (3) More than five (5) years of practical experience. (4) Proficient in spoken and written English.</p>	
CONTENTS	PROGRAM PERIOD	Sep.9.2008~Nov.8.2008
<p>&lt;Preparatory Phase&gt; Job-Report Preparation &lt;In Japan&gt; (1) Japanese regulation and situation of sewerage system (Sewerage in Sapporo, Basic planning for sewerage system) (2) Sewer network planning, Construction and designing of sewage treatment facilities, Principles of biological treatments and selections of treating methods (3) Construction of sewer network( Operation and maintenance of sewer network, Maintenance of wastewater treatment facilities, Water quality practices, Effective use of sewage sludge (4) Water quality regulation of industrial wastewater, Wastewater treatment facilities &lt;Finalization Phase&gt; -Action plan preparation, and presentation -Report to JICA the progress of knowledge/skills sharing among the respective organization.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>Construction Bureau, City of Sapporo</p>	<p><b>JICA CENTER</b></p> <p>JICA Sapporo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

Environmental Education Focused on Fresh Water Environment –For Tertiary Level		GROUP 	0880991
Teaching Staff- 水環境を主題とする環境教育		Environmental Management—Other Environmental Management Issues Nature Conservation—Other Nature Conservation Issues 6 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>〈Overall Goal〉 Activities for promoting environmental education are continuously implemented based on the Action plan approved by the participants' organization in their home countries.</p> <p>〈Program objectives (Outcome)〉 This program is designed to strengthen the participants' capacity to make action plans to solve the problems which participants' countries/ organizations are facing and to develop and spread environmental education</p> <p>〈Outputs〉 1) Understand the concept and theory of environmental education, 2) Acquire the skills to make curriculums for environmental education, and 3) Make draft action plans to solve the problems which participants' countries/ organizations are facing.</p>	<p>(1) University/College lecturers or equivalent (2) Engaged or expected to engaged in environmental education (3) Engaged in environmental education more than 3 years (4) Under 35 years of age (5) University/college graduates or equivalent</p>		
CONTENTS	PROGRAM PERIOD	Aug.18.2008～Oct.18.2008	
<p>〈Preparatory Phase in participants' home countries〉 Preparation and Submission of Country Report 〈Phase in Japan〉 Participants will learn following items through lectures, observations and practices</p> <ul style="list-style-type: none"> <li>- Basic Concepts in Environmental Issues: Country Report Presentation, EE in General, Environmental Problems, Public Sanitation in General</li> <li>- EE Principles, Activities and Materials: Principles of EE, EE Activities and Teaching Materials</li> <li>- Deployment of EE: Know-how for Worldwide Dissemination of EE</li> <li>- Networking between Citizens, Schools and Governments</li> <li>- Presentation of Training Results: Lectures by Participants to University Students, Individual Discussion on Final Report</li> </ul> <p>〈Finalization Phase in participants' home countries〉 Sharing and developing Action Plan, Submission of Final Report (including progress of the Action Plan) to JICA regional office</p>	IMPLEMENTING PARTNER	Shiga University/ International Lake Environment Committee Foundation	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005～2009	
	REMARKS		

Target Countries: Central Asia

10 participants / Russian

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective] To enhance reliance on water analysis in Central Asia, and to establish effective implementation of environmental conservation policies relevant to the current environmental situation, through lectures and practices to analysts who engaged in water analysis in those countries.</p>	<p>&lt;Organization&gt; Governmental environmental laboratory (or monitoring centers) in charge of water quality analysis</p> <p>&lt;Group&gt; Analysts and/or Officials in charge of environmental monitoring (under planning)</p>	
CONTENTS	PROGRAM PERIOD	Nov.4.2008~Dec.13.2008
<p>【Preliminary Program】 Creation of Country/ Job Report</p> <p>【Program in Japan】 1. Water quality monitoring and analyzing system in Japan 2. Laboratory 3. Field and technical criteria of water quality monitoring and analyzing 4. Laboratory 5. Adaptation to home countries</p>	IMPLEMENTING PARTNER	International Center for Environmental Technology Transfer (ICETT)
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2004~2008
	REMARKS	

Sustainable community development by citizens' participation for West Balkan countries 西バルカン地域市民参加による持続可能な地域づくりと環境保全		R/F 	0884200
Target Countries: West Balkan countries		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Capabilities for implementing sustainable communities will be enhanced. To reach the objectives, the participants are expected:</p> <p>(1) To cultivate a practical ability to reflect knowledge in policies by understanding the Japanese framework for municipalities. (2) To obtain the know-how of sustainable community development based on collaboration between citizens and municipalities. (3) To formulate an action plan for sustainable community focused on democratic consensus-building .</p>	<p>(1)Local government officials responsible for the formulation and implementation of community-based environmental management policy. (2)At least 3 years of practical experience * Participants are expected to have strong interest in the participatory approach.</p>		
CONTENTS	PROGRAM PERIOD	Oct.27.2008～Nov.30.2008	
<p>The curriculum consists of the following three parts:</p> <p>(1) Lectures (a) Community Development in Japan (b) Environmental impact assessment (EIA) (c) Environmental education /public awareness (d) Disclosure, environmental media, etc. (2)Field visits (a) Private companies with corporate social responsibility (CSR) (b) Model environmental cities (3) Presentation and Discussions/Workshop (a) Presentation of job report (b) Group discussion and panel session (c) Presentation of action plan</p>	IMPLEMENTING PARTNER	JICA	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007～2009	
	REMARKS		



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Proposed plan for formulation and implementation of adaptation for climate change will be considered at the respective organizations.</p> <p><b>【Outputs】</b> (1) Participants can explain the present status on adaptation for climate change in their countries. (2) Participants can formulate measures to solve the problems on adaptation for climate change in their countries. (3) Proposed plan on adaptation for climate change organized as Interim Report is discussed at the respective organizations.</p>	<p><b>【Target Organizations】</b> Administrative agency which is involved in adaptation for climate change</p> <p><b>【Target Group】</b> Administrative officials who are presently in charge of adaptation to climate change. Administrative or technical officials of the above organizations with at least 3 years of experience.</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Sep. 1, 2008 ~ Oct. 1, 2008
<p>Preparatory phase: Making Inception Report and presentation material which contain the present status on adaptation for climate change in their countries.</p> <p>Program in Japan: Making a presentation and discussion on Inception Report. Lectures, study trip and discussion on international framework on adaptation for climate change, impact assessment and vulnerability assessment, measures, technology and cases on adaptation for climate change in Japan. Making Interim Report which contains the measures and action plan to solve the problems on adaptation for climate change in their countries. Making a presentation and discussion on Interim Report.</p> <p>Developing Phase: Making a presentation on Interim Report at the respective organizations. Elaborating Final Report considering views of relevant parties and organizations.</p>	<b>IMPLEMENTING PARTNER</b>	National Institute for Environmental Studies
	<b>JICA CENTER</b>	JICA Tsukuba
	<b>COOPERATION PERIOD</b>	2008~2010
	<b>REMARKS</b>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      The Participants will design action plans, which show solution way to the issues of solid waste management in their responsible areas/organizations.</p> <p><b>【Outputs】</b>                      (1) 1. Participants marshal their issues and get hints to address them through exchange information &amp; ideas with Japanese lecturers, other participants.                      (2) 2. The participants acquire knowledge &amp; skills of waste countermeasures through the introduction of detailed actual conditions of waste treatment in major Japanese cities, mainly focused on Hyogo Prefecture.                      (3) 3. Participants can explain the role of citizens and the importance of the collaboration between local government &amp; citizens. Participants get the ideas to apply the Japanese situation to their countries.                      (4) 4. Participants design action plans. They will explain the plans to their organizations and other related people.</p>	<p><b>【Target Organizations】</b>                      Local governments (or national governments' sections which support local governments' organizations) are in charge of urban solid management waste</p> <p><b>【Target Group】</b>                      Local government officers or public corporation officers in charge of waste disposal management (including technical officers)</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jan.12.2009~Mar.7.2009</p>
<p>(1) (Preliminary) Country Report preparation as an matrix form                      (In Japan) Getting information &amp; ideas through Country Report Presentation &amp; Discussion                      (In Japan) Getting organized knowledge of solid waste management in developing countries through lectures</p> <p>(2) (In Japan) Combination of lectures, practices and observations of Waste treatment planning, Reducing wastes, Waste collection, Intermediate treatment, Waste incineration, Final disposal, Recycling.                      (In Japan) Discussion and suggestions to apply the above mentioned items to participants' countries.</p> <p>(3) (In Japan) Lectures, observations for citizens's role and the importance of the collaboration between local government &amp; citizens in the field of solid waste management.                      (In Japan) Lectures, observations for environmental education and public awareness to reduce waste.</p> <p>(4) (In Japan) Designing action plans and its improvement through the discussion of the action plan presentation.                      (After retraining) Participants explain to their organizations.                      (After retraining) Participants report their activities on fields to the JICA contracted organization</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hyogo Prefectural Environmental Create Center Public Corporation</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will propose realistic measures against urban environmental problems in their cities.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1.To deepen understanding of methods and frameworks of urban environmental preservation for public health and safety.</li> <li>2. To analyze and understand concrete environmental policies and projects (especially, best practices and controversial practices) which have been implemented by urban municipalities.</li> <li>3.To understand methods and process to reflect monitoring results on environmental policies.</li> <li>4.To make practical action plans based on the understanding about 1.-3. above, to tackle existing urban environmental problems in respective countries.</li> </ol>	<p>[Target Organizations] Municipalities in metropolitan areas</p> <p>[Target Group] (1) Technical officers in charge of environmental administration who now hold or will potentially assume managerial posts at municipalities which face urban environmental problems. (2) Individuals with at least 3 years of practical work experience</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jan.20.2009~Feb.28.2009</p>
<p>&lt; Preparatory phase &gt; Formulation of Country Report</p> <p>&lt; Phase in Japan &gt;</p> <p>(1) Lectures: Approach to urban environmental management, Municipalities' missions and functions in urban environmental administration, Features and measures of main urban environmental problems (waste management, water pollution, disaster/energy control, etc.), Environmental education, etc.</p> <p>(2) Practice, discussion: PCM (Project Cycle Management), etc.</p> <p>(3) Observations and discussions: Case examples for urban environmental management, Case examples of environmental education</p> <p>&lt; Finalization Phase &gt;</p> <p>Action Plans will be shared and modified through discussion among persons concerned and the Final Report will be submitted to JICA within 3 months after return.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Environmental Affairs Bureau, City of Sapporo</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Sapporo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2006~2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective] Participants will develop feasible actions to solve global warming in their country through understanding international trends of climate change.</p> <p>To reach the objective, participants are expected to achieve the following: 1) To understand the outline of mainstreaming climate change policy into sustainable development. 2) To understand the measures for developing national communications. 3) To understand the methodology of developing inventories of greenhouse gas emissions and sinks. 4) To understand measures for adaptation and mitigation against climate change. 5) To make a draft of action plans to solve problems in the field for which the participants are responsible.</p>	<p>[Target Organizations] 1) Governmental organizations in charge of climate change issues 2) Organizations designated as UNFCCC focal points</p> <p>[Target Group] - Administrative officials who are presently in charge of climate change/global warming issues</p>	
CONTENTS	PROGRAM PERIOD	Jan.8.2009～Mar.7.2009
<p>【Preparatory phase】 Participants will make a country report on the current situation of the climate change policy in their country. Participants will identify the essential problems regarding to their own job and their possible solutions.</p> <p>【Program in Japan】 Participants are expected to understand the overall view of the climate change issue in order to fulfill the responsibilities stipulated by the UNFCCC through lectures, discussions, practical exercises and site visits. 1) Outline of climate change 2) Outline of Mitigation (including CDM) and Adaptation 3) International framework for climate change issue</p> <p>【Development phase】 The draft of the action plans made in the program in Japan should be shared in the organizations of participants and should be elaborated as feasible action plans. Six months after leaving Japan, participants will report the progress of the final action plans to JICA.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>MINISTRY OF THE ENVIRONMENT</p> <p><b>JICA CENTER</b></p> <p>JICA Tsukuba</p>	<p><b>COOPERATION PERIOD</b></p> <p>2007～2009</p>
	<p><b>REMARKS</b></p>	<p>Related website Ministry of the Environment: <a href="http://www.env.go.jp/en/">http://www.env.go.jp/en/</a></p> <p>Kyoto Mechanism Information Platform: <a href="http://www.kyomecha.org/e/index.html">http://www.kyomecha.org/e/index.html</a></p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b> This course aims at achieving consensus for challenges on sewage works engineering and stormwater drainage among the related persons and clarified the issues on implementing projects and business for the solution.</p> <p><b>【Outputs】</b> Through the program, participants are expected: 1. To understand the related factors and procedure/methods for the designing/implementation of water sewage engineering and storm water drainage, 2.To formulate the practical improvement plan for the sewage engineering and storm water drainage in their territory 3. To achieve consensus for challenges on f sewage engineering and storm water drainage among the related persons and clarified the issues on implementing projects and business for the solution and report the progress in six months after their return.</p>	<p><b>【Target Countries/ Organizations】</b> Central or local governments, autonomies, public wastewater utilities</p> <p><b>【Target Group】</b> Senior technical officers in charge of sewage works</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Sep.2.2008～November.29.2008</p>
<p>&lt;Preliminary Phase in home country&gt; Nominees are expected to make a Country Report, which is containing the status and issues of sewage, stormwater drainage technology, water environment, and laws in addition to present jobs activities. Besides, Case study theme specifying issues which participants work on through the program, on sewage services and water environment protection etc., are included.</p> <p>&lt;Core Phase in Japan&gt; Participants develop an Action Plan, which is described actions to solve the case study, which is set by participants by considering concrete solution based on the knowledge and information gained from the program, after they distill and reprioritize their issues by referring Japanese case on sewage works, stormwater drainage and water environment. A set of lecture, site observation and discussion will be set at the point of the main subjects as following: (1) Basic knowledge on sewage works and stormwater drainage such as long-term plan, law, finance etc. (2) Planning, Design and Maintenance of sewerage system facilities (3) Urban stormwater drainage system (4) Environmental protection measures (5) Management of sewerage services</p> <p>&lt;Follow-up phase in home country&gt; Participants are expected to show the Action Plan to their organizations and make the points clear to implement or revise the plan. And participants are expected to report on the progress.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Sewage Business Management Center</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005～2009</p>
<p><b>REMARKS</b></p>		

Target Countries: Countries other than countries of ANNEX I of the Kyoto Protocol


11 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Enhancement of capacity of national and local authority staffs in designing policies in relation to the implementation of Kyoto Mechanisms</p> <p><b>【Outputs】</b>                      (1) To deepen the understanding on the influence of greenhouse gas accumulation on climate change                      (2) To deepen the understanding on the Kyoto Protocol and its flexible mechanisms                      (3) To deepen the understanding on environmentally friendly technologies, including for the energy conservation and introduction of renewable energies                      (4) To deepen the understanding on roles to be played by developing countries in implementing the CDM</p>	<p><b>【Target Organizations】</b>                      Designated National Authorities (DNA) or other corresponding organizations like National Focal Points (NFP) and CDM related offices.</p> <p><b>【Target Group】</b>                      Administration officers who belong DNA or other corresponding organizations like NFP and CDM related office.</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jun.9.2008～Jul.26.2008</p>
<p>(1) To take lectures on mechanism of climate change                      (2) • To take lectures on the overview of the UNFCCC and its Kyoto Protocol                      • To take lectures on each of the flexible mechanisms under the Protocol                      • To take lectures given by government staff of experienced host countries (such as China and India) on details of their work                      • To Take lectures regarding tools to use Kyoto Mechanisms (including feasibility studies, capacity building, technology transfer, finance and fund)                      (3) • To take lectures on efforts being made by Japanese industries and citizens to reduce consumption of energies and resources                      • To visit sites (plants, etc) where efforts for the energy/resource conservation is actually taking place                      (4) • To take lectures on the roles of developing countries in the implementation of CDM projects                      • To learn points of view of the Host Countries                      • To learn points of view of the Credit Buyer</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>International Center for Environmental Technology Transfer</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chubu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2009</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> The issues of solid waste management in participants' responsible areas/organizations will be improved through using an action plan, which is designed in Japan.</p> <p><b>【Outputs】</b> 1. Participants marshal their issues and get hints to address them through exchange information &amp; ideas with Japanese lecturers, other participants. 2. The participants acquire knowledge &amp; skills of urban waste countermeasures through the introduction of detailed actual conditions of waste treatment in major Japanese cities, mainly focused on Osaka city. 3. Participants can explain the role of citizens and the importance of the collaboration between local government &amp; citizens. Participants get the ideas to apply the Japanese situation to their countries. 4. Participants design action plans. They will explain the plans to their organizations and other related people.</p>	<p><b>【Target Organizations】</b> Local governments (or national governments' sections which support local governments' organizations) are in charge of urban solid management waste</p> <p><b>【Target Group】</b> 1. Engineer or administrative officials of waste management experience or an equivalent level of knowledge 2. Experience in the relevant field: have more than 3 years' experience 3. Person will continue working in the same field after the training course</p>		
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Aug.19.2008～Oct.22.2008	
<p>1. Preliminary: Country Report preparation as a matrix form, which marshal their issues and the training modules in Japan. 2. In Japan: (1) Getting information &amp; ideas through Country Report Presentation &amp; Discussion (2) Organizing knowledge of urban solid waste management in developing countries through lectures (3) Combination of lectures, practices and observations of planning, collection, intermediate treatment, incineration, final disposal, and recycling. (4) Discussion and suggestions to apply the above mentioned items to participants' countries. (5) Lectures, observations for citizens' role and the collaboration between local government &amp; citizens in the field of solid waste management/environmental education and public awareness to reduce waste. (6) Designing action plans and its improvement through presentation &amp; discussion. 3. After returning: Participants explain the action plans to their organizations. Participants report their activities on fields to JICA &amp; implementing partners.</p>	<b>IMPLEMENTING PARTNER</b>	Osaka City Environment Bureau, Global Environment Centre Foundation (GEC)	
	<b>JICA CENTER</b>	JICA Osaka	
	<b>COOPERATION PERIOD</b>	2008～2010	
	<b>REMARKS</b>	JICA Osaka and GEC run a website, which opens texts, participants' country reports and others to related people e.g. ex-participants, Japanese instructors. The people can do self-learning, sharing various information on the website.	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Administrators in charge of risk management and monitoring implementing analysts of target countries will be able to have a comprehensive understanding of the actual state of risk management of environmental chemicals.</p> <p><b>【Outputs】</b>                      (1) To learn about technology on risk assessment for environmental and industrial chemicals and their impacts on human health and ecosystems.                      (2) To learn about the theory and principle of techniques used for monitoring of environmental and industrial chemicals in environmental resources and agricultural products.                      (3) To gain analytical techniques and skills in sampling, sample preparation, pretreatment, instrument analysis, immunoassay and bioassay methods,                      (4) To complete research reports at the end of first and second half periods with given theme, and to prepare an action plan about the utilization and promotion of knowledge and techniques gained in the course</p>	<p><b>【Target Organizations】</b>                      Administrative organizations in charge of risk management and research institutes in charge of monitoring of environmental and industrial chemicals.</p> <p><b>【Target Group】</b>                      Administrator or manager in charge of risk management of chemicals, technical officers or technicians in charge of monitoring</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Feb.16.2009～Aug.22.2009</p>
<p>(1) Outline of environmental chemicals, risk evaluation, risk management and risk communication,                      Laws and regulations concerning environmental management.                      Effects on ecosystems, human health etc.                      (2) Theory and principle of chemical analysis for monitoring (soil, water, air and agricultural/livestock products).                      Theory and principle of instrumental analysis and bioassay                      (3) Practice on pesticide residue analysis remained in agricultural products                      Chemical analysis of agro products and environmental samples                      Immunoassay of POPs                      Theory and principle of various test kits                      (4) PCM Workshop for the selection of issues.                      Preparation of action plan for the presentation.                      Presentation of action plan and discussion</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Hyogo Prefecture, Kobe Quarantine Station, Kobe University, etc.</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	



Industrial Wastewater Treatment Technique 産業廃水処理技術		GROUP  0880815
		Environmental Management—Water Pollution
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Enhance the capability of officials and engineers in charge of industrial wastewater treatment to formulate adequate plans of industrial wastewater treatment in participant's countries.</p> <p><b>【Outputs】</b> To achieve this program objective, participants are expected to achieve the followings in Japan;            (1) To understand the importance of wastewater treatment and the water pollution related existing regulations included disposal treatment            (2) To understand the water pollution control process, and the general concept of wastewater treatment technologies            (3) To acquire the method of selecting wastewater treatment by analysis, and the basic design of wastewater treatment facilities            (4) To understand the techniques concerning the detail design and manufacturing control of the facilities for precipitation filtration, neutralization, removal of oil contents etc.            (5) To acquire the method of analyzing wastewater through practice, and to understand the methods of operation and maintenance of wastewater treatment facilities.</p>	<p><b>【Target Organizations】</b> Departments related to wastewater treatment in the central/local government or manufacturing enterprise.</p> <p><b>【Target Group】</b>            1) Current Duties: be engineers in charge of wastewater treatment in government / municipal offices or manufacturing industries            2) Experience in the relevant field: have more than more than 5 years of occupational experience in the field of wastewater treatment            3) Educational Background: be a university graduate, majoring in chemical, mechanical, electrical or civil engineering, or the equivalent.</p>	
CONTENTS	PROGRAM PERIOD	Jul.14.2008~Nov.22.2008
<p>1. Preliminary Phase in a participant's home country Applying organizations are required to submit the Job Report and the Issue Analysis Sheet together with the application form for selection in Japan.</p> <p>2.Core Phase in Japan (Lecture, practice and/or field study)            (1)Basic of Water Pollution Control            (2)Basic Theory of Wastewater Treatment            (3)Basic Plan of Wastewater Treatment            (4)Design and Construction of Wastewater Treatment Facilities            (5)Operation and Maintenance of Wastewater Treatment Facilities            (6)Formulation of Action</p> <p>3. Finalization Phase in a participant's home country Application and implementation of the action plan is discussed in the participant's organization and its result will be submitted by March, 2009 based on the follow-up questionnaire to be provided during the phase in Japan.</p>	IMPLEMENTING PARTNER	Kyushu International Techno-Cooperative Association (KITA)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008~2010
	REMARKS	

Target Countries: maritime country

10 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to make a contribution toward improving the marine environment conservation, by enhancing the skills and knowledge.</p> <p>To attain the objective, participants are expected to achieve the following:</p> <p>(1) To understand the activities, present situation and constraints of marine environment protection in respective countries,</p> <p>(2) To understand the international framework and activities of marine environment protection in Japan,</p> <p>(3) To formulate an action plan on how to develop and promote the effective policy of marine environment protection.</p>	<p><b>【Target Organizations】</b>                      Coast guard or maritime authority obliged to marine pollution prevention work</p> <p><b>【Target Group】</b>                      (1) Individuals in a managerial position.                      (2) Individuals who have more than 5 years of occupational experience in the above field.</p>	
CONTENTS	PROGRAM PERIOD	Under planning
<p>Following subjects are provided for each output mentioned above;</p> <p>(1) International framework of marine environment conservation</p> <p>(2) Outline of Japan coast guard</p> <p>(3) Outline of laws regarding marine environment in Japan</p> <p>(4) Activity for marine environment conservation</p> <p>(5) Assessment technique for vulnerability of environment</p> <p>(6) Actual condition of marine pollution in Japan</p> <p>(7) Marine disaster prevention</p> <p>(8) Analysis method of pollutant and oil and others</p> <p>(9) Regulatory measures for law violation of marine environment laws</p> <p>(10) Pollution survey method</p>	<b>IMPLEMENTING PARTNER</b>	Japan Coast Guard Association
	<b>JICA CENTER</b>	JICA Okinawa
	<b>COOPERATION PERIOD</b>	2008～2010
	<b>REMARKS</b>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this program is for participants of administrative engineers to implement systematic and comprehensive air pollution control measures through the following outputs;</p> <ol style="list-style-type: none"> <li>1. Fundamental knowledge of legislative systems and of the relation between industrial development and pollution with reference to Japanese cases,</li> <li>2. Measurement techniques for gaseous substances and particle substances related to air pollution,</li> <li>3. Emission source control techniques for polluting substances such as sulfur oxides, nitrogen oxides, soot and dust,</li> <li>4. Application techniques for dispersion models required to prepare air pollution prevention plans, and</li> <li>5. Management techniques for environmental control such as comprehensive and strategic enforcement of anti-pollution plans.</li> </ol>	<ol style="list-style-type: none"> <li>1) University graduates or equivalent</li> <li>2) Administrative engineers with at least 5 years experience in the field of air pollution prevention.</li> <li>3) Age: between 25-45 years old</li> </ol>	
CONTENTS	PROGRAM PERIOD	Sep.15. 2008~Dec. 13. 2008
<ol style="list-style-type: none"> <li>1. Overview of Environmental Problems: Air Pollution</li> <li>2. Overview of Environmental Conservation Measures</li> <li>3. Environmental Conservation: Efforts in industry</li> <li>4. Planning of Air Pollution Control</li> <li>5. Laws and Regulations</li> <li>6. Dust: Measurement and Control</li> <li>7. Fuel and Combustion</li> <li>8. Desulfurization and Denitrification Techniques</li> <li>9. Odor Pollution Control</li> <li>10. Measurement of NOx and SOx</li> <li>11. Stack Gas Diffusion</li> <li>12. Atmospheric Diffusion</li> <li>13. Data Processing for Air Pollution</li> <li>14. Continuous Monitoring System</li> <li>15. Hazardous Substance</li> <li>16. Acid Rain</li> <li>17. Automobile Pollution Control</li> <li>18. Environmental Impact Assessment</li> <li>19. Case Study</li> </ol>	IMPLEMENTING PARTNER	GLOBAL ENVIRONMENT CENTRE FOUNDATION
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2004~2008
	REMARKS	<p>A session is organized to discuss environmental problems caused by air pollution and countermeasures, using materials such as datas and photos which each participants will bring.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will propose plans to better reflect upon the data and information obtained by the research section for the pollution control policy and administration in their countries.                      To reach the objective, participants are expected to achieve the following:                      1) To gain practical ideas about an effective process of pollution control policy and measures (environmental policies, legal and administration systems, roles of research and administration sections and cooperation between them, the steps from surveys, and analyses to administrative measures)                      2) To gain a concrete understanding of water preservation, water pollutant sources, sewage treatment methods, and related survey and analysis techniques                      3) To gain a concrete understanding of air preservation, air pollutant sources, exhaust systems, and related survey and analysis techniques                      4) To gain a concrete understanding of waste treatment and waste recycling                      5) To make an action plan to strengthen the cooperation and interactions between research organizations, and policy and administration sections, and to better reflect upon the data and information obtained from research for the environmental policy and administration</p>	<p>(1) Technical officials and researchers responsible for pollution control at government environment research institutes, and technical officials in charge of pollution control policies and administration (NOTE: This program is NOT for officers/researchers in charge of natural conservation.)                      (2) University graduates in environmental engineering or chemistry (NOT biology)</p>	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Nov.15.2008
<p>Preparatory Phase: Preparation of Country Report                      Phase in Japan:                      (1) Lectures:                      Environmental administration in Japan and Hokkaido, Techniques for preventing water and air pollution, Environmental Impact Assessment(EIA), Solid waste management and recycling, Environmental education                      (2) Practical exercises:                      Techniques of environmental monitoring(air &amp; water), Environmental pollution source                      (3) Observation:                      Organizations and facilities related to pollution control, Factories (possible sources of pollution)                      Finalization phase:                      Implementation of the Action Plan and report the progress.</p>	<p><b>IMPLEMENTING PARTNER</b>                      Hokkaido Institute of Environmental Sciences</p> <p><b>JICA CENTER</b>                      JICA Sapporo</p>	<p><b>COOPERATION PERIOD</b>                      2005~2009</p>
	<p><b>REMARKS</b></p>	<p>This program is NOT for technical officers/researchers in charge of natural conservation(including park management, preservation of wild life and forests)</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Objective&gt; By sharing the outputs of this training course among organizations, knowledge for making environmental protection policies will be used more widely.</p> <p>&lt;Outputs&gt; 1) Identify environmental problems caused by automobiles in their countries through collecting their own data related to environmental issues. 2) Acquire skills of predicting effects on introducing the regulations* and institutionalizing the countermeasures (e.g. control of exhaust gases). 3) Grasp the current international situation in the field of automobiles, through understanding international standards related to automobiles. 4) Understand the relationship between making regulations and developing technologies to deal with the issues. 5) Make an action plan (proposal) to be implemented in their country after returning home.</p>	<p>[Target Organizations] National or local organizations in charge of environmental issues concerning automobiles</p> <p>[Target Group] Administrative or technical officials of the above organizations with at least 5 years of experience</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jun.19.2008～Aug.9.2008
<p>Preparatory phase: Making a job report describing present situation, issues, etc.</p> <p>Program in Japan: 1. Lectures and exercise • Outline of the automotive industry, governmental policy • Environmental issues: emission, fuels, clean energy, traffic flows • Traffic flows, vehicle recycling technology, registration • Atmospheric observation system, etc. 2. Discussion • Presentation of action plan and job report</p> <p>Developing Phase: (1) The action plan should be shared among their organization. (2) The results of discussions about the action plan are to be reported to JICA/JARI.</p>	<b>IMPLEMENTING PARTNER</b>	JAPAN AUTOMOBILE RESEARCH INSTITUTE (JARI)
	<b>JICA CENTER</b>	JICA Tsukuba
	<b>COOPERATION PERIOD</b>	2005～2009
	<b>REMARKS</b>	<p>Web site: JARI <a href="http://www.jari.or.jp/en/index.html">http://www.jari.or.jp/en/index.html</a></p>

<b>Seminar on Ozone Layer Protection</b> <b>オゾン層保護対策セミナー</b>		GROUP  0880937
Target Countries: Countries having ratified the Montreal Protocol		Environmental Management—Ozone Layer Depletion 7 participants / ENGLISH
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Objective&gt; Action Plan for the more efficient and effective implementation of Ozone Layer Protection and ODS Control are made by each participants, and the plan is shared among the participant's organization.</p> <p>&lt;Outputs&gt; To achieve this program objective, participants are expected to;</p> <ol style="list-style-type: none"> <li>1. be able to explain the framework and requirements of the Montreal Protocol, the necessity of a national system for protection of the ozone layer and of cooperation with stakeholders including industries,</li> <li>2. be able to explain the measures for reduction of ODS emission,</li> <li>3. be able to explain the alternative substances of ODS emission,</li> <li>4. point out the existing issues of their countries by analyzing the present situation referring to other countries' cases, and</li> <li>5. propose an Action Plan which utilizes the Reduction Methodology of ODS Emission or Introduction Methodology of alternative substances which you have acquired during the seminar in order to improve each country's activity on Ozone Layer Protection / Fluorocarbons Control.</li> </ol>	<p><b>【Target Organizations】</b> Governmental organizations that are in charge of formulating and implementing policies relating to ozone layer protection</p> <p><b>【Target Group】</b> - Senior class administrative officers within the machinery of the government who are in charge of ozone layer protection or in those of the equivalent post * Researchers are NOT the target of this seminar. * Individuals who are recommended by Ozone unit are highly preferable.</p>	
CONTENTS	PROGRAM PERIOD	Jan.25.2009~Feb.21.2009
<p>&lt;Preliminary phase&gt; 1. The participant consults with his/her supervisor about the feasibility of implementing the Action plan after returning to Japan—that is, what organizational resources (time, money, staff, space, etc.) are and are not available. 2. The participant presents Inception Report of the main issues on ozone layer protection, etc.</p> <p>&lt;Core phase in Japan&gt; The following subjects will be covered in this program in the form of lecture, discussion, presentation, and field visit.</p> <ol style="list-style-type: none"> <li>1. International approach for protection of the ozone layer, legislative and institutional arrangements in Japan, activity of Japanese industry</li> <li>2. State of development on alternative technologies to reduce the consumption of ozone layer depleting substances</li> <li>3. Overview of technologies to reduce the ozone layer depleting substances</li> <li>4. Creating Action Plan</li> </ol> <p>&lt;Post-program phase&gt; 1. Presentation to supervisor and colleagues after returning to home country and discuss the feasibility of implementing action plan. 2. Submit a follow-up questionnaire.</p>	IMPLEMENTING PARTNER	Japan Industrial Conference for ozone layer and Climate Protection(JICOP)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Through the training course, participants are expected to gain the following outputs in order to manage the lakes (natural and artificial) and their basins appropriately for sustainable use of resources.</p> <p>1. To study local, regional, national and international programs for integrated basin management for lake and reservoir environments with particular reference to development and implementation of legal, administrative and institutional policy tools.</p> <p>2. To gain experience in field study, monitoring and techniques for analyzing and assessing lake and reservoir environment management.</p> <p>3. To acquire skills for developing sound programs of lake and reservoir management by properly integrating the components of the governance framework involving institutions, policies, stakeholder participation, technological investments, information, financing and other considerations.</p>	<p>1. University graduates or equivalent.</p> <p>2. Either technical officers in charge of lake/wetland water management (including management of rivers flowing into such water bodies) who are expected to assume executive administrative posts in that field, or researchers in water quality and ecosystem management who are expected to take leading roles in guiding the lake/wetland management programmes in their country.</p> <p>3. Individuals with more than five (5) years' occupational experience in the field.</p> <p>4. Individuals of between twenty-five (25) and forty (40) years of age.</p>	
CONTENTS	PROGRAM PERIOD	Jan.3.2009～Mar.15.2009
<p>1. Orientation Lecture and Practice</p> <p>2. Stage 1. Understanding the Resource</p> <p>Topic 1. Share Information about the State of Lakes</p> <p>Topic 2. Biophysical Characteristics</p> <p>Topic 3. Human Use of Lakes</p> <p>3. Stage 2. Meeting the Governance Challenge</p> <p>Topic 4. Institution</p> <p>Topic 5. Incentives and Regulations</p> <p>Topic 6. Involving People</p> <p>Topic 7. Technological Response</p> <p>Topic 8. Information</p> <p>Topic 9. Finance</p> <p>4. Stage 3. Synthesis (TBD)</p> <p>Topic 10. Plan to Action</p> <p>Topic 11. Towards the Future</p>	IMPLEMENTING PARTNER	INT'L LAKE ENVIRONMENT COMMITTEE FOUNDATION
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2005～2009
	REMARKS	<p>ILEC Homepage:  <a href="http://www.ilec.or.jp/">http://www.ilec.or.jp/</a>                      Required to bring each country report contained on CD-ROM.</p>

Target Countries: Asia

9 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of the training course is to propose a policy for constructing sound material cycle society for each country through understanding the current conditions in Japan. For this purpose, we set up the following 5 objectives:</p> <p>(1) To understand the concept of 3R (Reuse, Reduce, Recycle) and sound material cycle society                      (2) To understand how to reduce garbage                      (3) To understand how to recycle and collect the materials,                      (4) To understand the roll of stakeholders (central / local governments, private sector, residents, etc.)                      (5) To understand legislative and administrative measures for constructing the sound material cycle society.</p>	<p><b>【Target Organizations】</b>                      Central/Local governments or relevant agencies engaged in 3R (Reuse, Reduce, Recycle)</p> <p><b>【Target Group】</b>                      1) Belonging to an organization specified by G.I.                      2) Willing to work for current organization in the future (at least five years)                      3) More than 3 years experience in the field of environmental management or relevant fields                      4) A section chief or equivalent positioned personnel in the organization mentioned above                      5) Aged 25 to 50 years old</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Mar.3.2009～Mar.30.2009
<p><b>【Lecture】</b>                      1) Introduction to legal system for sound material cycle                      2) Administrative framework for environmental education                      3) Introduction to administration about domestic waste                      4) Administrative framework to promote recycling industry                      5) Introduction to cleaner production                      6) National policy about sound material cycle                      7) Administrative framework for hazardous waste                      8) Current state in recycle business                      9) Data collection and analysis for material cycle flow  <b>【Field visit】</b>                      1) Separate collection in offices/houses                      2) Visit to recycle factory                      3) Environmental education in schools / local community                      4) Compost activity for cooking garbage by citizen groups                      5) Visit to landfill site</p>	<b>IMPLEMENTING PARTNER</b>	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	<b>JICA CENTER</b>	JICA Kyushu
	<b>COOPERATION PERIOD</b>	2006～2008
	<b>REMARKS</b>	Expected number of participants per country: 3



Target Countries: Middle East

9 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Enable the participants (administrators in charge of controlling industrial environment) to formulate policies and programs for guiding industries by utilizing the analysis techniques, equipment control, and administrative measures taught in this course.</p> <p>To understand:</p> <ol style="list-style-type: none"> <li>1) air pollution control administration and pollution control technologies,</li> <li>2) water pollution control administration and pollution control technologies,</li> <li>3) waste treatment administration and effective treatment technologies,</li> <li>4) measurement of environmental pollutants and their effects upon the human body and the natural world, and</li> <li>5) environmental improvement techniques, and to design an environmental improvement activity plan to suit an issue in the participant's country.</li> </ol>	<p><b>【Target Organization】</b></p> <ul style="list-style-type: none"> <li>• Government Organization in charge of Industrial Pollution Control</li> </ul> <p><b>【Target Group】</b></p> <ul style="list-style-type: none"> <li>• Administrators with 3 or more years of work experience in industrial environmental management.</li> <li>• University degree from engineering department or comparable knowledge preferably in the fields of chemical engineering, sanitary engineering, environmental engineering, or civil engineering.</li> <li>• Under the age of 45</li> </ul>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Nov. 3,2008~Feb.27.2009
<ol style="list-style-type: none"> <li>1. Preliminary Phase in a participant's home country Preparation of Issue Analysis Sheet</li> <li>2. Core Phase in Japan (Lecture, practice and/or field study)                             <ol style="list-style-type: none"> <li>(1) Air pollution control administration and pollution control technologies,</li> <li>(2) Water pollution control administration and pollution control technologies,</li> <li>(3) Waste treatment administration and effective treatment technologies,</li> <li>(4) Measurement of environmental pollutants and their effects upon the human body and the natural world, and</li> <li>(5) Environmental improvement techniques, and design of an environmental improvement activity plan to suit an issue in the participant's home country.</li> </ol> </li> <li>3. Finalization Phase in a participant's home country Application and implementation of the action plan is discussed in the participant's organization and its result will be submitted by March, 2009 based on the follow-up questionnaire to be provided during the phase in Japan.</li> </ol>	<b>IMPLEMENTING PARTNER</b>	Kitakyushu International Techno-cooperative Association (KITA)
	<b>JICA CENTER</b>	JICA Kyushu
	<b>COOPERATION PERIOD</b>	2006~2010
	<b>REMARKS</b>	

<b>Waste Management Technologies and 3Rs for Central and South American Countries</b> <b>中南米地域 廃棄物処理技術および3R</b>		R/F 	0884026
		Environmental Management—Urban Solid Wastes	
Target Countries: Central and South America		10 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To acquire knowledge/skills of waste management(Disposal and 3R) and formulate Action Plans to improve waste management system in the participant's respective countries.</p> <p>(1)To learn waste disposal technologies and 3R policy in Japan  (2)To learn the roles/functions among organizations/stakeholders concerned to develop sound material-cycle society  (3)To propose feasible "Action Plan" for proper disposal of waste by making the best use of the learnt knowledge/technologies  (4)To establish the participants' network in order to exchange relevant information/knowledge after completion of the program in Japan</p>	<p>1) Technical or administrative personnel in central or local governments in the field of waste management and the 3Rs (Reduce, Reuse and Recycle)  2) Individuals with at least 5 years of practical work experience  3) University graduates or equivalent in sciences</p>		
CONTENTS	PROGRAM PERIOD	Aug.12.2008～Sep.27.2008	
<p>&lt;Preparatory Phase&gt;  Formulation of Country Report  &lt;Curriculum in Japan&gt;  1) Waste management administration  - Collection and transportation of waste on the city level  - The 3R policy (the 3R Initiative)  - Transition of waste management administration in Japan  2) Waste treatment techniques  - Industrial waste treatment techniques (intermediate, final disposal)  - Recycling and composting techniques  3) Public awareness  - Environmental education  - Discussions with citizens  &lt;Finalization Phase&gt;  Implementation of the Action Plan and the report of the progress.</p>	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center and Environmental Affairs Bureau, City of Sapporo	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

Target Countries: Southern and Eastern European Countries


9 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Participants will understand knowledge and techniques regarding cleaner production aiming to develop an action plan to promote cleaner production activities in their countries.</p> <p><b>【Outputs】</b> (1) To understand the definition, concept, necessity, role of governmental and private sector regarding cleaner production. (2) To understand the knowledge and techniques regarding technology to minimize environmental impact. (3) To understand the knowledge and techniques regarding energy conservation technology. (4) To understand the knowledge and techniques regarding resource saving technology. (5) To understand the knowledge and techniques regarding recycling technology.</p>	<p><b>【Target Organizations】</b> Enterprise including former national enterprise in energy consumption industry, governmental organization in charge of cleaner production, environment</p> <p><b>【Target Group】</b> (1) Individuals from above-mentioned organization (2) Individuals with more than 5 years occupational experience in this field</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Nov.10.2008～Dec.19.2008</p>
<p>(1) Definition, concept, necessity, role of governmental and private sector regarding cleaner production, Green productivity, Public awareness activity, Environmental law, Recycling society and global issue, Environmental administration and monitoring system, Inspection and guidance system for private sector (2) Zero emission, Wastewater treatment (Plating waste), Exhaust emission control system, Reduce of solid waste, Environment impact assesment (3) Energy conservation and global issue, Energy conservation law and its enforcement in Japan, Energy management in a plant, Case study - Energy conservation activities in a plant, Energy consevation technology on heating furnace, Machine condition diagnosis techniques (4) Production control, Program Evaluation and Review Technique (PERT), Quality Control using QC 7 tolls, Total Productive Management (TPM), Productivity and equipment maintenance, 5S activity (5) 3R(Reuse, Reduce, Recycle), Economy aspects of recycling, Support to private company for 3R, Reclaimer of scrap metal, Separation and collection of waste</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Kitakyushu International Techno-cooperative Association (KITA)</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

Target Countries: 10 countries receiving ODA out of 13 EANET member countries

3 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To develop the ability of mid-level engineers who are involved in EANET activities in each countries, in order to improve each countries' abilities to monitor and evaluate the current situation of damage by acid deposition, reduce the pollutants caused for acid rain.</p> <p><b>【Outputs】</b> (1) To analyze damage and countermeasures of acid deposition in each countries (2) To understand Japan's history, experiences, current situation and countermeasures in this field (3) To improve the technique and accuracy of monitoring through practical trainings (4) To make action plans that answer to each countries' challenges</p>	<p><b>【Target Organizations】</b> Organizations engaging in the operation of the Acid Deposition Monitoring Network in each countries in East Asia (EANET)</p> <p><b>【Target Group】</b> &lt;Position&gt; An engineering official or researcher engaged in the issue of acid deposition or air pollution and also related to EANET activities. &lt;Experience&gt; Experience in the relevant field: have more than 3 years' experience in the field of environmental management &lt;Others&gt; Educational Background: be equal or surpassing to a graduate of university</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.5.2008~Dec.20.2008
<p>Output(1) To present country reports and discuss current situation and problems in each countries.</p> <p>Output(2) • To study the role of central government, local government and business enterprises and their countermeasures, development of legal systems. • To conduct field research at smoke generation facilities, smoke treatment facilities and air environment observation facilities.</p> <p>Output(3) • To learn skills of monitoring on wet and dry deposition, monitoring on soil, vegetation and inland aquatic environment, monitoring on air pollutant. • Exercise of quality management and quality control • Transportation of air pollutants and generation source inventory.</p> <p>Output(4) • To review the training • To formulate an action plan for solving problems analysed at the beginning. • To discuss for the regional cooperation in East Asia</p>	<b>IMPLEMENTING PARTNER</b>	Hyogo Environmental Advancement Association
	<b>JICA CENTER</b>	JICA Hyogo
	<b>COOPERATION PERIOD</b>	2008~2010
	<b>REMARKS</b>	The result of this training course is highly evaluated for capacity-building of participating countries at the EANET governmental conference.

Capacity Development for Adaptation to Climate Change –Climate Modeling and Analysis アジア地域 気候変動への適応にかかる能力開発 –気候変動予測解析		R/F  0884141
Target Countries : Bangladesh,Thailand,Vietnum,Indonesia,Philippines,Laos,Pakistan		Environmental Management—Global Warming 7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】</p> <ul style="list-style-type: none"> <li>•to develop a capacity for adaptation to climate change,particularly forecast and impact assessment</li> <li>•in the first two years: be focused on climate change forecast where a technique of climate modeling based on the 'Earth Simulator' and a downscaling method will be learned</li> <li>•in the last year:impact assessment by using the climate change forecast and</li> </ul>	<p>【Target Organizations】 University of Technology and Engineering ,Meteorological Inatitute</p> <p>【Target Group】 Meteorological Reseachers in charge of climate change model ilng</p>	
CONTENTS	PROGRAM PERIOD	Oct.27.2008～Nov.22.2008
<p>(1)Lectures (a)Adaptation policy in Japan (b)Basic concept of Climate Change Model (c) and other related lectures</p> <p>(2)Exercise (a)Data analysis of Climate Change Model (b)Data modeling of Climate Change (c) and other related research</p>	IMPLEMENTING PARTNER	Meteorological Research Institute
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008～2010
	REMARKS	Applicants are expected to nominate from same organization and/or person each year(3years) as far as possible

<b>Waste Management for Promoting Recycling-oriented Societies in Central and South America</b> <b>中南米地域 循環型社会形成促進のための廃棄物総合管理</b>		 0884146
Target Countries : BV, CR, DN, EL, GU, HD, MX, NC, PM, PG, PE, VE, CB		Environmental Management—Urban Solid Wastes 16 participants / Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>            Comprehensive master or related action plan on SWM will be planned then accordingly, the SWM system shall be improved. Thus, current problems/ challenges in the said field will be solved and recyclable society is further promoted in Central and South America.</p> <p><b>【Outputs】</b>            1) To understand the present system and the characteristics of SWM administration to compare with their own and to extract hints for improvement            2) To understand various techniques and measures in waste treatment and recycling            3) To learn methods of environmental awareness raising through the experience of case study in waste management            4) To make and report Action Plans for improvement of SWM system in each country/ local administration including role or responsibility of participants themselves</p>	<p><b>【Target Organizations】</b>            Central and local governments who are facing the solid waste problem in Central and South America. Local government officials are rather encouraged to participate in.</p>	
CONTENTS	PROGRAM PERIOD	Jun.30.2008～Aug.8.2008
<p>(1)–Recognition of conditions and/or problems in waste generation            –Laws, regulations and plans in waste management and treatment (National and/or local administrations)            –The 3R Policy (The 3R initiative) in Japan            –Conditions of solid waste collection and transportation            –International Laws such as PRTR, etc.            (2)–Waste Treatment Technologies            –Site visit of Reduce, Reuse and Recycle, and recognition as “resources”            –Hazardous waste treatment            –The concepts of Eco-town and Recycle business            (3)–Strategic approach and Tool making for public awareness raising            –Public awareness raising for Environmental protection at households            –Environmental education and learning at school            –Voluntary environmental protection mind at enterprises            –Citizen groups activities            –Role of mass medias and support systems by Government, etc.            (4)–Making and Presentations on Waste management Masterplans and /or Action Plans</p>	IMPLEMENTING PARTNER	International Center for Environmental Technology Transfer (ICETT)
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2008～2008
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      The participants are expected to improve/acquire the capacity to formulate and execute the policy and regulations in the field of air and water pollution control.</p> <p><b>【Outputs】</b>                      (1) to identify environmental problems of participating countries and obtain hints for the improvement of the situation                      (2) to learn from the experience of Osaka and other cities in Japan about air/water pollution and countermeasures thereof                      (3) to obtain applicable knowledge on environmental communication                      (4) to produce Action Plan while in Japan and explain it to stakeholders in respective countries after returning</p>	<p><b>【Target Organizations】</b>                      National/Local Governmental Organization engaged in Environmental Administration</p> <p><b>【Target Group】</b>                      Administrative Engineers working in National/Local Government Organizations</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan.12.2009~Mar.14.2009</p>
<p>(1) •in preparation, participants are expected to write Country Report on the present situation and problems                      •At the Presentation of Country Report, through information exchange and discussion, participants obtain hints for improvement</p> <p>(2) •through lectures, practices and observation, participants gain knowledge on environmental management systematically, from identification, analysis, planning through guidance</p> <p>(3) •participants learn various methods of communication such as information disclosure, cooperation with stake holders, environmental education etc.</p> <p>(4) •participants are to discuss countermeasures to pollution problems of each country with co-participants and Japanese lecturers and produce an Action Plan as fruits of this program,</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Global Environment Centre Foundation</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

Target Countries: Latin American Countries

15 participants ★ /

Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      To be able to set the plan and goal in order to utilize Cleaner Production method in the production process of industrial material in order to solve the environmental problem, caused by industrialization in developing countries</p> <p><b>【Outputs】</b>                      (1) To observe the real state of Cleaner Production in Japan and to learn the method of executing Cleaner Production                      (2) To learn the basic technologies of engineering for process industries                      (3) To learn how to implement effective maintenance management and to acquire the useful technologies for it</p>	<p><b>【Target Organizations】</b>                      central or national organization of industry, public or private consultant company, research institute of related areas</p> <p><b>【Target Group】</b>                      Managers or engineers in the field of process industries such as chemical, petroleum refinery, iron and steel, food and ceramic plant</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.4.2008～May.22.2008</p>
<p>(1) Recent situation of global environment, Cleaner Production, TPM, 5S, Kaizen Activity, New QC Seven Tools, PCM, Plant Visit                      (2) Selection of Equipment, Selection of Motors, Selection of Materials, Corrosion and Protection, Sequence Control, Process Control, Plant Visit                      (3) Maintenance Management, Maintenance in Actual Plant, Visual Maintenance Management, Diagnosis Technique Plant Visit                      (4) Orientation of training course, instruction of making action plan, instruction of presentation, presentation of action plan                      (5) Report to JICA the progress of knowledge/skills sharing among the respective organization.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Kitakyushu International Techno-cooperative Association (KITA)</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Feb.4.2009 to May.22.2009 in the same content. (The term of this training course is not yet determined.)</p>



Target Countries: Project staff in charge of the ODA loan project

12 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Capacity building for making project design documents ("PDD") of ODA loan project towards implementation of the CDM.</p> <p><b>【Outputs】</b>                      (1) To deepen understandings on causes and bad effects of climate change issues and measures taken under the international society.                      (2) To deepen understandings on the framework and rules of CDM                      (3) To acquire knowledge of environmentally friendly technologies, including for the energy conservation and introduction of renewable energies                      (4) To develop understandings on roles of developing countries and enhancement of implementation capacity in the context of CDM</p>	<p><b>【Target Organizations/Target Group】</b>                      Organizations in charge of the following ODA loan projects (2 from each project);                      ○Indonesia: "Semarang Power Plant Rehabilitation and Gasification Project," "Muara Karang Gas Power Plant Project," "Asahan No.3 Hydroelectric Power Plant Construction Project," "Peusangan Hydroelectric Power Plant Construction Project"                      ○Tunisia: "Photovoltaic Rural Electrification and Water Supply Project"                      ○Kenya: Sondu-Miriu Hydropower Project Sang'oro Power Plant</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jan. 12. 2009~Jan. 31. 2009</p>
<p>〈Preparatory Phase〉                      Formulation of draft PDD.                      〈Phase in Japan〉                      1) Overview of the UNFCCC and the Kyoto Protocol, Fourth Assessment Report of the Intergovernmental Panel on Climate Change ("IPCC").                      2) Basic concepts of CDM and its work flow. Each role of stakeholders such as project participants, validators, credit buyers and sellers under CDM. Arguments relating to CDM and recent movements of CDM market activities.                      3) Efforts being made by Japanese industries and citizens to reduce consumption of energies and resources, etc. Visiting sites (plants, etc) where efforts for the energy/resource conservation is actually taking place                      4) Presentation of policies in participants' countries to tackle climate change and roles participants are playing in implementing such policies. Preparation, formulation, presentation and finalization of PDD. To review and modify PDD</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>·</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2008</p>
	<p><b>REMARKS</b></p>	


Target Countries: Southeast European and CIS countries


7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective] The objective is to enhance the capabilities for efficient formulation of CDM/JIB projects.</p> <p>To reach the objective, participants are expected to achieve the following:                      (1) To understand the overview of the UNFIT and the Kyoto Protocol, including the Kyoto Mechanisms such as CDM/JIB                      (2) To understand effective measures to promote CDM/JIB                      (3) To acquire skills to develop CDM/JIB projects                      (4) To create and strengthen a network among participating countries, as well as with major stakeholders in Japan                      (5) To elaborate a report on plan of actions that would be implemented after returning home, in view of prioritized needs of each country</p>	<p>【Target Organizations】                      1) National governmental offices in charge of CDM/JIB                      2) Relevant organizations dealing with CDM/JIB                      3) Person from DNA (Designated National Authorities) is highly desirable.</p> <p>【Target Group】                      1) Administrative officers in charge of CDM/JIB issue in national governmental offices                      2) Staff of relevant organizations supporting its national government                      3) University graduates or equivalent qualification</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug. 14, 2008 ~ Sep. 4, 2008</p>
<p>Preparatory phase: – Participants will make a report on the current situation of CDM/JIB in their country.</p> <p>Program in Japan: – The program in Japan consists of the following topics:                      1) Lecture on the transition of efforts for solving global warming issue, the role and mechanism of CDM/JIB, and the policy on CDM/JIB in Japan                      2) Lecture on the process of formulation and the way of proposition for CDM/JIB projects                      3) Exercise on drafting the projects of PD. and CDM                      4) Visiting the government-affiliated agency and the private company                      5) Considering what should be focused on in each country, throughout the discussion on draft of action plan made by participants based on the lectures and exercises</p> <p>Development phase: – The draft of the action plans made during the program in Japan should be shared in the organizations of participants and should be elaborated as feasible action plans. – Six months after leaving Japan, participants will report the progress of the final action plans to ICA.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Overseas Environmental Cooperation Center, Japan</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	

Waste Effluent Pollution Control Caused by Mining and Manufacturing Industries for Central and South America 中南米地域 鉱工業による廃水汚染対策		R/F  0884246
Target Countries: Central and South America		Environmental Management—Water Pollution 12 participants / Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed for participating countries to recognize the negative impacts of hazardous substances on environments and human bodies, and propose effective measures to reduce or prevent the environmental disruption or deterioration of environment caused by these substances. These objectives will be achieved through the following outputs;</p> <p>(1) Recognize potential or tangible deep risks to the environment, soil or lives caused by hazardous chemical substances.</p> <p>(2) Moreover, to study past experience of environmental problems caused by heavy metals such as chromium, organic mercury, and cadmium, or asbestos and dioxin as hazardous chemical substances.</p> <p>(3) Furthermore, participants shall study how to reduce hazardous substances into the environment, or learn the outline of cleaner production systems and practical techniques.</p>	<p><b>【Target Organizations】</b> Some ministries related to heavy industries, or basic industries integrated on petrochemistry, chemistry, mining, medicine, leather, metal finishing etc.....</p> <p><b>【Target Group】</b> Technologists on the administrative level • Individuals with more than 5 years vocational experiences in charge of hazardous chemical substances treatment (in enterprises, public organizations, etc.) • Individuals with official requests, majoring in chemistry, between 30 and 40 years old</p>	
CONTENTS	PROGRAM PERIOD	Under Planning
<p>〈Preparatory Phase in participants' home countries〉 Formulation of country reports by team of 3 members in each country. 〈Core phase in Japan〉 Participants will learn following items through lectures, observations and discussion</p> <p>① Generating mechanism, countermeasures and compensation issue of pollution-related diseases (based on Japanese experience)</p> <p>② Effect of hazardous substances on human body</p> <p>③ Overview of pollution due to hazardous substances</p> <p>④ Laws and regulations for environmental management</p> <p>⑤ Environmental measures by local governments</p> <p>⑥ Environmental protection measures and technologies in chemical industries</p> <p>⑦ Cleaner production technologies</p> <p>⑧ Sharing the problems, draft Action Plan presentation and discussion</p> <p>〈Finalization Phase in participants' home countries〉 Sharing and developing Action Plan, Report to JICA regional office</p>	IMPLEMENTING PARTNER	Global Environment Center Foundation
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2007~2009
	REMARKS	

# 18.Aid Approach

International Development and Cooperation 国際開発協力(長期)		L/T  0881137
		Aid Approach—Aid Approach 3 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To improve the ability of core governmental agencies in the field of international development and cooperation. DID is a course for a major of Economic Development, Rural Development, and Educational and Human Resources Development. DICOS is a course for a major of Law, Politics, and Social Science in Development including Peace Reconstruction, Gender and Development, and Theory of NGO.</p> <p><b>【Outputs】</b> (1) To learn the theory and practice of international development. (2) To learn the theory and practice of international cooperation. (3) Overseas and domestic fieldwork (4) To write a thesis as a product of individual research on the basis of the knowledge acquired by course work</p>	<p><b>【Target Organizations】</b> Senior Development Officials of Central and Local Government Agencies <b>【Target Group】</b> Current Duties: be engaging in the decision of policies and plans of development. Experience in the Relevant Field: have more than 5 years experience in this field. Others: be under 35 years of age, have official certification of English (at least TOEFL 550 in PBT / 213 in CBT / 79 in IBT, or TOEIC 730, or IELTS 6.0).</p>	
CONTENTS	PROGRAM PERIOD	Mar. 2009 – Mar. 2011/2012
<p>(1) Development Economics, Development Finance, Rural Development, Endogenous Development and Capacity Building in Rural Area, Educational Development Policies, Educational Development and Cooperation. (Although the courses listed are offered by DID, students of DICOS can take some of them.)</p> <p>(2) Public Policy of Developing Countries, Law and Development Studies, Peacebuilding, Human Security and Law, Development Sociology, Poverty Reduction Strategies. (Although the courses listed are offered by DICOS, students of DID can take some of them.)</p> <p>(3) Overseas Fieldwork, Domestic Fieldwork</p> <p>(4) Seminar</p>	IMPLEMENTING PARTNER	Graduate School of International Development, Nagoya University
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2008～2010
	REMARKS	3 seats each are available for both "DID" and "DICOS". Please refer to <a href="http://www.gsid.nagoya-u.ac.jp/global/index-en.html">http://www.gsid.nagoya-u.ac.jp/global/index-en.html</a> for further information.

Improvement in the Capability for using Aid for Central Asia and Caucasus Region 中央アジア・コーカサス地域 援助活用能力向上		R/F  0884086
Target Countries: Central Asia and Caucasus		Aid Approach—Aid Effectiveness/Aid Modalities 11 participants / Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>(Outcome) 1. To enable participants to formulate strategic national development plans based on Japanese development history, utilization and operation of Aid.</p> <p>(Output) 1. Participants understand Japan's experience on economic development and utilization of aid 2. Participants analyse the challenges in utilizing and implementing aid in their country 3. Participants formulate a concrete action plan for the more efficient use of Aid.</p>	<p>a) Division heads or specialists in the central government in charge of formulating or coordinating national development plans (PRSP, etc). b) Individuals with 3 or more years of work experience in the above field. c) University graduates or equivalent educational qualifications. d) Aged 45 or younger.</p>	
CONTENTS	PROGRAM PERIOD	Jan.18.2009～Feb.7.2009
<p>&lt;Before Coming to Japan&gt; Making a Country Report &lt;In Japan&gt; 1) Experiences of Japan and other countries in implementing ODA •History and current system of Japanese ODA •Lessons learned from experiences of developing countries in utilizing aid 2) Analysis and outlining of problems in utilizing assistance •Presentation on challenges on development in Central Asian countries based on the Country Report •Analysis on the challenges by the method of Project Cycle Management 3) Formulate an action plan for the effective utilization of aid</p>	IMPLEMENTING PARTNER	TAKUSHOKU University
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005～2009
	REMARKS	

Target Countries: Countries that are eligible for Japanese ODA loans.

22 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants and participating organizations are expected to identify issues that hinder effective use of Japanese ODA loans, and propose and share the measures to improve such issues with relevant parties. To reach this goal, they will achieve the following;</p> <ol style="list-style-type: none"> <li>1. To understand Japan's development experience and the current ODA policy ,</li> <li>2. To understand the functions of the new JICA, Japan's ODA loan strategy and country specific strategy to be able to coordinate with the Japanese side efficiently,</li> <li>3. To understand the backgrounds and procedures at each step of the project cycle of Japanese ODA loan implementation, and be able to disseminate the information to those involved in the participant's country, and</li> <li>4. To analyze the issues hindering effective implementation of Japanese ODA loan projects in home country and propose the measures to improve identified issues as an action plan.</li> </ol>	<p><b>【Target Organizations】</b> Agencies closely involved with Japanese ODA loan projects, including but not limited to window agencies and implementing agencies</p> <p><b>【Target Group】</b> 1. High ranking official (Director of department or above) in the above mentioned organization. 2. Excellent command of English to be able to discuss various topics with peers, lecturers and staff of New JICA</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.8.2009~Feb.21.2009</p>
<p>&lt;Preliminary phase in home country&gt; The participant is required to analyze the planning and implementing process of on going or planned ODA loan projects and identify problems or issues. The results of analysis should be compiled as an inception report, whose information will serve as a basis for the draft action plan, which the participant will produce in the core phase of the program.</p> <p>&lt;Core phase in Japan&gt; 1. Japan's ODA Policy "Japan's Economic and Social Development", "Japan's ODA Policy" etc, including site visit. 2. Japan's ODA Loan Policy "Functions of the New JICA", "Japan's ODA loan strategy", "Country specific strategy" etc. 3. Implementation of Japanese ODA Loan Project "Criteria and Process of Project Appraisal", "Special Assistance Facility and Project Cycle of Japanese ODA loans", "Procurement Procedures", "Social and Environmental Considerations", "Debt Management", "Project Evaluation" etc. 4. Formulation of Draft Action Plan "Drafting and presenting the participant's plan of action towards overcoming the problems and issues in ODA loan implementation", "Individual consultations and discussions with relevant people (including fellow participants and JICA officers)"</p> <p>&lt;Final phase in home country&gt; The participant is required to share and discuss the draft action plan with officials and authorities concerned in his/her country, finalize the action plan reflecting the results of discussions and submit it to JICA.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>JICA CENTER JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

Target Countries: Asian region

14 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Japanese leading companies and public organizations which are competitive and resilient, have built initiatives based on the concepts outlined in organizational knowledge creation theory to improve innovation and learning (knowledge-based management). In other words, they are good at sharing individual experiences and knowledge within an organization to connect them to concept development and strategies (organizational knowledge), creating new values and improving the organization continuously to survive in changing environment and to provide best services. Such process is led by "phronetic" leaders who continuously ask themselves "for what does this organization exist?"</p> <p>In this seminar, participant is required to understand what the real leadership is in order to contribute to the organization and the society, through learning the theory of knowledge-based management and various cases both in Japan and other Asian countries. Then, he/she is expected to practice continuously with commitment what he/she learned in the seminar to grow into a phronetic leader who will influence others, respective organization and the society.</p> <p>To this end, at the end of the seminar, the participant will:</p> <ol style="list-style-type: none"> <li>1. Understand the concept of knowledge-based management, knowledge creation theory and phronetic leadership,</li> <li>2. Re-articulate visions of respective organization and re-enforce commitment as a future leader of the organization based on reflection, and</li> <li>3. Set a short-term action plan.</li> </ol>	<p><b>【Target Organization】</b> Organization which has an important role to play in development of the respective society.</p> <p><b>【Target Group】</b></p> <ol style="list-style-type: none"> <li>1. Young leader who is expected be influential in the respective organization and the society (eg, young politician, young manager of an organization)</li> <li>2. Age: 35-45</li> <li>3. English proficiency to be able to engage in highly philosophical discussions</li> </ol>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>2008/11/21~2008/12/1</p>
<p>&lt;Preliminary phase in home country&gt; The participant is required to study a text and a DVD of case studies, to re-examin the role of the respective organization in the society and its visions and to reflect on himself/herself.</p> <p>&lt;Core phase in Japan&gt;</p> <ol style="list-style-type: none"> <li>1. Knowledge-based management -theory and practice-</li> <li>2. SECI model and concept of Ba</li> <li>3. Phronetic leadership</li> <li>4. Case studies (Site visits and discussions)</li> <li>5. Exercises (observation, conceptualization and modeling)</li> </ol> <p>&lt;Core phase in Thailand&gt;</p> <ol style="list-style-type: none"> <li>1. Site visits in Doi Tung Development Project (DTDP)</li> <li>2. Discussions and exchanges with DTDP leaders</li> </ol>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hitotsubashi University Graduate School of International Corporate Strategy</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	

Target Countries: Africa

9 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course aims to provide the participants with practical knowledge of Human Security. Through the course, Participants will become able to manage the concepts and put them into practice in the participants' fields where they are faced to "down side risk".Participants from the neighboring countries will also deepen mutual understanding of the way to cope with the common risks in the region.</p> <p><b>【Outputs】</b>                      Participants will:</p> <ol style="list-style-type: none"> <li>1. Gain an understanding of the concept of human security</li> <li>2. Enhance their skills in dealing with human security issues</li> <li>3. Gain insights and learn by sharing experiences with fellow participants</li> <li>4. Draft and implement action plans to strengthen the capacity of their workplaces/offices in dealing with human security issues</li> <li>5. Reflect on the implementation of their action plans, share lessons learned, and prepare strategies for the improvement of future practice</li> </ol>	<p><b>【Target Organizations】</b>                      Organizations directly engaged in capacity development in the field of development such as local governments, NGOs and educational/research institutions.</p> <p><b>【Target Group】</b>                      Current Duties: Civil servants involved in hands-on community development work (in fields such as health and education) who are able to commit to training on behalf of their office/work group. Candidates should be in a decision making position within their office/work group.                      Age: Be between the ages of twenty-five (25) and forty (40) years.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Oct.6.2008～Nov.1.2008</p>
<p>Share common understanding about "Human Security" and "Capacity Development" through the following process:</p> <ol style="list-style-type: none"> <li>(1) Lecture: Backgrounds of formulation of the concepts, "Human Security" and "Capacity Development"</li> <li>(2) Lecture: Japan's peace building activities, protection against infectious diseases, urban disaster protection</li> <li>(3) Discussion: Visualization of risks in each area that respective participant belongs to</li> <li>(4) Workshop: PLA (Participatory Learning and Action), Empowerment Evaluation, improvement of communication skills</li> <li>(5) Communication: Various grassroots activities in Japan's local governments and NGOs</li> <li>(6) Presentation: All participants are requested to present their achievement from the seminar in their own working places. Various support will be provided through cyber media.</li> </ol>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Global Collaboration Center, Osaka University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	



Target Countries: Central and South American Countries

18 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>In order to share understanding on how to utilize Japan's ODA more strategically and efficiently, the participant will achieve the following;</p> <ol style="list-style-type: none"> <li>1. To understand the policy of Japan's ODA for Latin American Countries (LAC),</li> <li>2. To understand JICA and JBIC's cooperation policies for LAC,</li> <li>3. To understand the fundamental concept of Japan's ODA and discuss the key issue LAC face, and</li> <li>4. To formulate an output document of the seminar</li> </ol>	<p><b>【Target Organizations】</b>                      Organization which plays a key role in the coordination of official development assistance and development activities.  <b>【Target Group】</b>                      Director of Department or above.</p>	
CONTENTS	PROGRAM PERIOD	Jun.8.2008~Jun.21.2008
<p>&lt;Preliminary phase in home country&gt;                      The participant is required to produce a country report which analyzes current situation of his/her country regarding the discussion topic presented by JICA (small and medium size enterprises promotion in 2008) or the seminar.</p> <p>&lt;Core phase in Japan&gt;                      1. Lectures and discussions                      •Japan's Policy of economic cooperation for LAC                      •JICA's cooperation strategy for LAC                      •JBIC's cooperation strategy for LAC                      •Strategic program formation for development cooperation                      •Individual Consultation                      2. Site visit                      •SME promotion of Japan                      3. Formulation of the output document of the seminar.</p>	IMPLEMENTING PARTNER	
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	

Target Countries: Africa

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To share information and experience on Japanese government and JICA's policy and strategy toward African Development(Human Security, Harmonization, Alignment and the role of Projects and Technical Cooperation in these fields) and to establish "common vision for more effective &amp; efficient development" between African and Japanese participants.</p>	<p>Heads of Section/Department in Ministries in charge of international cooperation</p>	
CONTENTS	PROGRAM PERIOD	Feb.12.2009~Feb.20.2009
<ol style="list-style-type: none"> <li>1. To share information and experience on Japanese government and JICA's policy and strategy toward African Development, and TICAD follow(such initiatives and follow-up mechanisms)</li> <li>2. Discussion between African and Japanese participants from MOFA, JICA, private sector, civil society organizations, academic sector                          *Theme is under consideration</li> <li>3. At the end of the seminar "Consensus Document" will be drafted</li> </ol>	IMPLEMENTING PARTNER	The Ministry of Foreign Affairs, Osaka University, Kobe University
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2008
	REMARKS	*Senior Level

# 19. Evaluation

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This training course aims that a participant and participating organization, who implement development projects utilizing Japanese ODA loans, will promote knowledge sharing within the organization on project evaluation methods. To achieve the above outcome, the participant and participating organization are required to fulfill the following outputs;</p> <p>1. The participant acquires the knowledge on project evaluation methods, especially for development projects utilizing Japanese ODA loans,                  2. The participant completes an evaluation summary sheet for a case study of post project evaluation of Japanese ODA loan project based on the knowledge of project evaluation, and                  3. The participating organization will promote disseminating knowledge on project evaluation methods through efforts such as evaluation training, establishing evaluation guideline and so on as proposed in the action plan of the participant.</p>	<p>1) Division chief level of the government agencies, responsible for Japanese Official Development Assistance (ODA) loan projects (especially in charge of evaluation)</p> <p>2) University graduates or equivalent academic background, with excellent command of spoken and written English</p>	
CONTENTS	PROGRAM PERIOD	Mar.29.2009～Apr.11.2009
<p>&lt;Preliminary phase&gt;                  The participant reads the textbook on project evaluation, completes and submits the exercise distributed by JICA,</p> <p>&lt;Core phase in Japan&gt;                  (1) Introduction of Evaluation Methods                  ① Project evaluation methods for Japanese ODA loan projects                  ② Project evaluation methods for technical cooperation projects                  ③ Evaluation methods of International Organizations                  ④ Japan's policy evaluation system</p> <p>(2) Workshop on Evaluation Method for Japanese ODA Loan Projects                  ① Case study on ODA loan project ex-post evaluation                  ② Introduction of joint evaluation cases of Japan Bank for International Cooperation (JBIC) and implementing agencies, and its effort for M &amp; E capacity development through the joint evaluation                  ③ Preparing an action plan to enhance evaluation capacity of the participating organization (such as holding an evaluation training or compiling an evaluation guideline), together with the consideration of its feasibility.</p> <p>&lt;Final phase&gt;                  The participant will carry out his/her action plan in his/her organization and report the results to JICA.</p>	<p><b>IMPLEMENTING PARTNER</b>                  Japan Bank for International Cooperation (JBIC)</p> <p><b>JICA CENTER</b>                  JICA Tokyo</p> <p><b>COOPERATION PERIOD</b>                  2006～2010</p> <p><b>REMARKS</b></p>	

Target Countries: Countries which have introduced policy evaluation system in Asia

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This forum aims at the goal that a reform strategy to improve evaluation system to be more useful, reliable and affordable in the policy cycle is shared within an authorities concerned and discussed in participant's countries.                      To reach that point, the participating organization and participant need to achieve the followings;</p> <ol style="list-style-type: none"> <li>1. To acquire knowledge to be able to design and conduct evaluations which generate useful information to contribute to better policy formulation and implementation,</li> <li>2. To acquire knowledge to be able to design an evaluation system to produce timely and useful information for policy planning,</li> <li>3. To understand how policy evaluation is conducted in Japan and issues encountered, and examine if lessons from Japanese experiences can be applied to participants' countries, and</li> <li>4. To make a diagnosis of the present evaluation system in the organization, identify strength and weakness, and propose concrete strategy to overcome weaknesses.</li> </ol>	<p><b>【Target Organizations】</b>                      Governmental ministries or local governments who need to strengthen effective utilization of existing M&amp;E system in policy and budget decision making.  <b>【Target Group】</b>                      1. Middle executive manager class who is responsible for running evaluation system and producing quality evaluations and/or is responsible for policy planning utilizing evaluation information.                      2. Work experiences: working in the field of evaluation and/or policy planning for more than one year and expected to continue the work for coming years.                      3. 30—45 years of age</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Feb.25.2009～Mar.12.2009</p>
<p>&lt;Preliminary phase in home country&gt;                      The participant diagnoses the present evaluation system in their organization and compile an inception report.</p> <p>&lt;Core phase in Japan&gt;                      Module 1: Concept and methods of evaluation                      1-1. Concept of evaluation and policy structure                      1-2. Methods of evaluation                      1-3. Evaluation Techniques                      Module 2: Institutionalization of evaluation                      2-1. Institutionalizing evaluation systems and role of each actor                      2-2. Utilization of evaluation results in policy cycle                      2-3. Evaluation capacity development                      Module 3: Policy evaluation in Japan and the relevance of Japanese experiences for developing countries                      3-1. Policy evaluation in Japan                      Case studies: Evaluation in the local government and the central government (including site visits)                      Module 4: Interim report writing</p> <p>&lt;Final phase in home country&gt;                      The participating organization discusses the strategy for improvement proposed in the interim report by the participant, and the participant reports the finalized strategy to JICA by sending the Final Report.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

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