

16. Urban / Regional Development

Public Works Administration in Regional Government 地域土木行政		Group Trainers	1280212 Continuing
Target Countries :		9 participants	
Sector :Urban/Regional Development/Urban Development			
Sub-Sector :			
Language :English			
Appeal			
This training course focuses on administrative management in public works. Road will be mainly picked up as an example. The course leaders consult with participants carefully and give feedback to lecturers. This makes the training more effective so that participants can come up with solution for respective challenges in his/her own country/organization. In order to make effective action plan, time for discussion with course leaders, additional materials, complementary explanation will be prepared due to necessity.			
Objective/Output		Target Organization / Group	
<Course Objective> To learn the process of infrastructure development and the philosophy of public works in relation to the safety of daily living of people including the issues on environment,urbanization and disaster. To consider and propose the future vision of PW administration and the role of civil engineers that will be shared in his/her organization. <Objective for each unit> 1)To understand the plan of Hokkaido development, and linkage of infrastructure and economy. 2)To understand outline of regional public works administration in Hokkaido. 3)To understand the philosophy of public works engineering, and infrastructure development procedure through planning, design, construction and maintenance on road as an example. 4)To understand current administrative challenges and countermeasures, recognizing issues of environment, urbanization, and disaster prevention 5)To identify and analyze issues in public works in the participants' organizations and make Action Plan.		<Target Organization> Organization or Department in charge of regional public works administration <Expected Job Title> Civil Engineer works for Public works administration in Central/Regional Government <Expected Job Experience> More than 5 years	
Contents		Program Period	2012 / 9 / 5 ~ 2012 /10 /27
[Pre-Training] Prepare country report including the issues of belonging organization [Training in Japan] 1)Regional development Plan of Hokkaido, Relationship of infrastructure development and industrial economy 2)Legal procedure, budget system and tendering system on infrastructure development 3)Construction technique, Quality control, Quality inspection, Order system, Maintenance 4)City planning, Waste management, regeneration treatment of construction debris, environment on river development and on road sector 5)Country Report Presentation, Action plan Presentation, Discussion [Post-Training] Share and discuss among belonging organization and submit progress report of action plan		Implementing Partner	Hokkaido Government, Foundation of Hokkaido Construction Technology Center
		JICA Center	JICA Hokkaido (Sapporo)
		Cooperation Period	2011 ~ 2013
		Remarks and Website	Lectures and observations of this course mainly focus on roads since roads are common and important issues to most of the developing countries.

Urban Development (Focused on Land Readjustment Measures) 都市整備(土地区画整理手法を中心として)		Group Solution	1280325 Continuing
Target Countries : Countries trying to solve the problem about urban development		12 participants	
Sector :Urban/Regional Development/Urban Development			
Sub-Sector :			
Language :English			
Appeal			
You can learn the idea of city planning and urban development system and methods as Land Readjustment measures through lectures, field trips and seminars. And you can arrange the applicable urban development methods to correspond the policy of city planning in your own country by examination of problems.			
Objective/Output		Target Organization / Group	
<p><Program Objective> The objective of this program is to study the methods and systems of Japanese urban development systems/techniques, especially Land Readjustment (L/R) measures, and to examine the applicability of Japanese systems/techniques in participants' respective countries and to propose improvement plan of urban development systems/techniques.</p> <p><Expected Output> (1) To understand the outline of Japanese urban development system and Land Readjustment (L/R) techniques, (2) To identify current issues regarding urban development systems and techniques in their home countries, and (3) To study applicability of Japanese urban development systems/techniques and propose improvement plan of urban development system/techniques.</p>		<p><Target Organization> Central/local governments being responsible for the formulation of urban development policies or the implementation of urban development programs/projects.</p> <p><Target Group> 1) have more than 5 years of professional experiences 2) be between 30 and 45)years of age 3) be responsible for the formulation of urban development policies or the implementation of urban development programs/projects,</p>	
Contents		Program Period	2012 / 5/20 ~ 2012 / 7/7
<p><Preliminary Phase> To make Inception Report on city planning and urban development system/method, and problems/issues concerned.</p> <p><Core Phase in Japan> (1) Overview of city planning system in Japan (City planning system in Japan, Method of urban development, Legal system, etc.) (2) Introduction of Land Readjustment system in Japan (Implementation planning, Land registration system, etc.) (3) Particular subjects of urban development (Urban drainage with sewerage and river system, Environmental Impact Assessment, Urban renewal project, etc.) (4) Case study (Site visit of urban development projects in metropolitan area and other cities) (5) Land readjustment design practice (Preparation for implementation plan, Replotting design) (6) Interim Report preparation and presentation</p> <p><Finalization Phase> To disclose the Interim Report in the respective organization and to develop to Final Report</p>		Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
		JICA Center	JICA Tokyo(Economy&Env.)
		Cooperation Period	2011 ~ 2013
		Remarks and Website	It is recommended to select the nominee from the organizations involved in JICA projects.

Comprehensive Urban Transportation Planning and Project 総合都市交通計画・プロジェクト		Group Solution	1280782 Continuing
Target Countries : Countries having cities with a population of 500,000 or more		20 participants	
Sector :Urban/Regional Development/Urban Development			
Sub-Sector :Transportation/Urban Transportation			
Language :English			
Appeal			
This program will provide an overview of urban transport policies and practices, urban transport planning and projects in Japan. Besides, the participants have opportunities to do exercise of traffic demand forecast, as well as to discuss and make their respective proposals through exchanges of views and experiences with Japanese experts. The program combines thematic lectures, site visits, practice and discussions with report writing.			
Objective/Output		Target Organization / Group	
<p><Program Objective> Feasible improvement plans are formulated against issues/problems regarding systems/methods of urban transport planning currently tackling in their respective organizations.</p> <p><Expected Output> (1) To clarify urban transport issues/problems currently tackling in respective organizations, preliminarily (2) To be able to explain the outline of urban transport planning and its system, and role of related organizations in Japan (3) To be able to forecast/analyze basic traffic demand by using JICA STRADA (Traffic Demand Forecasting/Analysis Program) (4) To identify main issues regarding urban transport planning under the current regulations/systems, and make proposals of improved urban transport approaches/methods in their respective organizations (5) To examine and review the proposals in their respective organizations and discuss towards the realization and implementation.</p>		<p><Target Organization> Central/local government in a city with a population of 500,00 or more, responsible for the formulation/implementation of urban transport planning</p> <p><Target Group> (1) have more than 3 years of professional experiences in urban transport planning and management (2) be responsible for the urban transport issues (3) be 40 years of age or under, in principle</p>	
Contents		Program Period	2012/10/ 9 ~ 2012/12/8
<p><Preliminary Phase> Preparation of Inception Report on policies, efforts, and issues on urban transport planning and projects in the respective countries.</p> <p><Core Phase in Japan> (1) Overview of city planning system (City planning law, Land use planning, Outline of urban development, Urban renewal/renaissance, etc.) (2) Introduction of urban transport planning (Development of cities and transportation in Japan, Concept of urban transport planning, Overview of survey and analysis of urban transport planning, etc.) (3) Conception of urban transport planning (Traffic demand management (TDM), Mobility management, etc.) (4) Exercise of JICA STRADA (software for future traffic demand forecast) (5) Case study (characteristics of urban transport system in several cities (6) Preparation for proposals as Interim Report</p> <p><Finalization Phase> Presentation of Interim Report and development to Final Report</p>		Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
		JICA Center	JICA Tokyo(Economy&Env.)
		Cooperation Period	2011 ~ 2013
		Remarks and Website	It is recommended to select the nominee from the organizations involved in JICA projects.

Comprehensive City Planning 都市計画総合		Group Solution	1280947 Continuing
Target Countries : Countries having cities of 500,000 population or more.		12 participants	
Sector :Urban/Regional Development/Urban Development			
Sub-Sector :			
Language :English			
Appeal			
This program is designed for the organizations of the cities with the population of 500,000 or more, responsible for city planning and urban development, to consider improvement plans regarding city planning and urban development against the issues facing developing countries. The emphasis is placed more on the general framework of city planning than on the detailed study of methods and laws related to individual projects.			
Objective/Output		Target Organization / Group	
<p><Program Objective> To consider improvement plans regarding city planning and urban development against the issues facing recipient countries.</p> <p><Expected Output> (1) To understand the concepts of urban planning, administration and financial systems, city environment and urban transportation in Japan, comprehensively, (2) To acquire the ability of comprehensive urban development planning, and (3) To identify the problems/issues relating to urban planning and propose an improvement plan of their countries' urban planning system.</p>		<p><Target Organization> Organizations in a city with a population of 500,000 or more, responsible for the formulation of city planning or implementation of urban development projects.</p> <p><Target Group> (1) have 5 years of professional experience (2) be administrative officers responsible for the formulation of urban development policies/regulations or the implementation of urban development programs/projects, (3) be in principle 45 years of age or under.</p>	
Contents		Program Period	2012 / 9 / 5 ~ 2012 / 10 / 27
<p><Preliminary Phase> To make Inception Report about overview of city planning system and urban development system/method, and problems/issues concerned.</p> <p><Core Phase in Japan> (1) Inception Report presentation (2) Overview of urban development issues (City planning of Japan in postwar days, City and regional planning, etc.) (3) System for city planning (City planning law, Land use planning, Building codes, Urban development and improvement, etc.) (4) Particular subjects of city planning (Urban transport policy and system, Water supply and sewerage system, Landscape design, Public housing system, etc.) (5) Case study (Site observation in several cities) (6) Interim Report preparation and presentation</p> <p><Finalization Phase> To disclose the Interim Report in the respective organization and to make Final Report</p>		Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
		JICA Center	JICA Tokyo(Economy&Env.)
		Cooperation Period	2010 ~ 2012
		Remarks and Website	It is recommended to select the nominees from the organizations involved in JICA projects.

Improvement of Housing and Living Environments 住宅・住環境改善		Group Leaders	1280950 Continuing
Target Countries :		12 participants	
Sector :Urban/Regional Development/Urban Development			
Sub-Sector :			
Language :English			
Appeal			
Inhabitation is one of the fundamental human rights. The text of the Universal Declaration of Human Rights adopted in 1948 at the General Assembly of the United Nations proclaims that everyone has the right to an adequate standard of living including food, clothing and housing. On the other hand, the rapid urbanization and population growth has been causing lack of housing and degradation of living environments in developing countries. Under these circumstances, important challenge for the developing countries is to formulate and develop adequate policies for improvement of housing and living environments according to their respective situations. This program is designed for governmental organizations for improvement of housing and living environment to improve related policies and systems.			
Objective/Output		Target Organization / Group	
<Program Objective> To improve the capability of the officials who are responsible for housing conditions and living environment policy in central/local governments or related governmental organizations in developing countries.		<Target Organization> Governments or relevant organizations responsible for improvement of housing and living environment	
<Expected Output> (1) To understand policies and systems regarding housing of Japan. (2) To identify effective policies and systems for the improvement of living environment of Japan and the points to be considered for the implementation. (3) To describe problems and issues regarding the systems and policies for housing and living environment of their home countries, and propose a plan to improve those systems and policies.		<Target Group> (1)be officials who are involved in the planning of policies and systems for the improvement of housing and living environment (2)have 3 year experience in implementing development projects on housing or living environment (3)be between 35 and 50 years of age	
Contents		Program Period	2012 / 10 / 21 ~ 2012 / 12 / 1
<Preliminary Phase> Preparation of Inception Report on policies, efforts, and issues on housing and living environment matters in the respective countries.		Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
<Core Phase in Japan> (1) Policies and systems regarding housing in Japan (Housing situation and policy in Japan, Housing loans, Public housing, Town development by urban development corporation, Building standard, City planning, Urban renewal, Improvement of living environment, Land readjustment, etc.) (2) Improvement of housing and living environment in developing countries (Comparison of housing and living environment in developing countries, Comparison of housing problems between Japan and developing countries, Activities of United Nations Centre for Human Settlements, etc.) (3) Site visits (Renewal projects in dense residential areas, Urban renewal projects in waterfront areas, etc.) (4) Report preparation (Presentation and discussion of Inception Report, Preparation and discussion of Action Plan)		JICA Center	JICA Tokyo(Economy&Env.)
		Cooperation Period	2010 ~ 2012
		Remarks and Website	(1)This program covers comprehensive housing and living environment issues, not specific techniques on city planning and urban engineering. (2)It is recommended to select the nominees from the organizations involved in JICA projects.

Construction Technology Introduced and/or Applied to Developing Countries 開発途上国において導入、あるいは応用・開発可能な建設技術		Group Leaders	1280979 Continuing
Target Countries : <input type="text"/>		11 participants	
Sector :Urban/Regional Development/Urban Development			
Sub-Sector :			
Language :English			
Appeal			
This program is designed for mid-career officials or researchers of central/local government in charge of civil engineering for infrastructure development. It aims to contribute to civil engineering improvement and to motivating the participants to work for establishment of technical standard & system in their countries. The program covers Standard & System for Construction Engineering, New Technology, Environmental Preservation, and Maintenance Technology.			
Objective/Output		Target Organization / Group	
<p>This course is aimed for leading and mid carrier officials who are in charge of infrastructure development (except building and housing work) in public organizations such as central and local governments. Through lectures and field visits on the below-mentioned subjects, participants are expected to acquire knowledge and experience necessary to establish the technical standard and system suitable for their own countries.</p> <p>(1)Standard and system for construction technology (2)Newly developed survey, design and construction engineering (3)Environmental preservation in infrastructure development (4)Maintenance technology (5)Formulation of Action Plan</p>		<p>(1)Central and local government in charge of infrastructure development</p> <p>(2)Leading and mid carrier officials belonging to post which is in charge of planning system / policy and implementing project of infrastructure development</p> <p>(3)University graduate or equivalent in civil engineering</p> <p>(4)Occupational experience: 8-18 years</p>	
Contents		Program Period	2012 / 5 / 13 ~ 2012 / 6 / 30
<p>(1)The characteristic and condition of infrastructure development in Japan and the international standard of construction materials and environmental issue through comparing developing countries, Japan and the world.</p> <p>(2)The fundamental theory and implementation of newly developed survey / design / construction technology such as tunneling, slope protection, countermeasure for soft ground, earth retaining and etc.</p> <p>(3)The environmental issues which are restoration of native forest and construction waste recycling.</p> <p>(4)The investigation and maintenance method for the deterioration of concrete, steel and other members of existing structure such as bridge.</p> <p>(5)Drawing up action plan comparing your condition / problem and the technology acquiring thorough this course, and hold the presentation and discussion for deeply understanding.</p>	Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan Construction Training Center(JCTC)	
	JICA Center	JICA Yokohama	
	Cooperation Period	2010 ~ 2012	
	Remarks and Website	HP of JTCT:URL http://www.jctc.jp	

General Management for Regional Development and Planning 地域開発計画管理		Group Solution	1280764 Continuing
Target Countries : <input type="text"/>		11 participants	
Sector :Urban/Regional Development/Regional Development			
Sub-Sector :			
Language :English			
Appeal			
Hokkaido succeeded in creating the society and economy being equal to country size although its area had been almost untouched from modern industrialization and being left far behind from other Japanese regions 140 years ago. This seminar offers the opportunities to consider about the regional development method to the developing countries by the introduction of comprehensive development plan, implementation and monitoring methods accumulated through this precious case Hokkaido Development.			
Objective/Output		Target Organization / Group	
<p>【Objectives】 Participants' organizations start to consider regional development in a comprehensive manner, based on Action Plans formulated and shared by participants</p> <p>【Expected Outputs】 1) Identify current situation and issues in regional development. 2) Understand the basis of Hokkaido development, then consider those applicability to participants countries 3) Understand actual methods of regional development 4) Analyze and evaluate regional development 5) Formulate appropriate regional development methods for each participants as "Action Plan"</p>		<p>【Organization】 Organization working for regional development in developing countries.</p> <p>【Personal Qualification】 <Position> Senior administrative officer engaged in regional development.</p>	
Contents		Program Period	2012 / 10 / 10 ~ 2012 / 12 / 1
<p>【Pre-Training】 Each participant prepares pre-training report to identify each issues</p> <p>【Training in Japan】 (1) Pre-training report presentation/discussion/problem identification (2) Basic objectives and administrative framework of Hokkaido comprehensive development plan, Promotion and management of Hokkaido comprehensive development plan, Roles of the central and local government for coordinating regional development (3) Industrial promotion/Environmental conservation/Public works in Hokkaido, Field Trip (4) Case study of regional developments in other areas, evaluation of the Hokkaido comprehensive development (5) Discussion, consultation, and formulation of "Action Plan"</p> <p>【Post-Training】 Within 6 month, every participant is requested to present action plan and share its experience in Japan at home organization, then submit Progress Reports</p>		Implementing Partner	Hokkaido Regional Development Bureau
		JICA Center	JICA Hokkaido (Sapporo)
		Cooperation Period	2011 ~ 2013
		Remarks and Website	

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		Region-Focused Trainers	1284212 Continuing
Target Countries : Central Asia		9 participants	
Sector :Urban/Regional Development/Regional Development			
Sub-Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion			
Language :Russian			
Appeal			
Realizing the importance of economic development by local leadership with local resources, traditional culture and technology and learning necessary measures and methods for the spread of feasible activities.			
Objective/Output		Target Organization / Group	
<p>[Course Objective] Forming and improving a business plan from the viewpoint of endogenous local development</p> <p>[Expected Module Output] (1) Understanding the supporting system and measures to promote Japanese endogenous local development and examining their applicability (2) Understanding the methods and know-how to develop products and services and make business chances by analyzing the local resources and connecting available resources and market needs. (3) Comparing and analyzing the development of local specialty products and local industry promotion through case studies of both Japan and developing countries. Examining the applicability to countries and areas concerned (4) Making an action plan to diffuse local promotion measures (5) A promotional plan is reviewed and approved by departments</p>		Central/local government departments/organizations in charge of supporting (providing extension service to) groups of workers in agriculture/livestock/forestry and small-and-micro enterprises engaged in agricultural/livestock/wood-processing . Experience in the relevant field: have more than 5 years' experience in the related field	
Contents		Program Period	2012 / 11 / 13 ~ 2012 / 12 / 15
Inception Report presentation and discussion Lecture; Japanese administration and finance systems Lecture; Local development in Japan, Local plans in Aichi prefecture Lecture; Properties and applications of local resources Lecture; Sustainable livelihood and social infrastructures Lecture; Marketing methods of special products, etc. Exercise; SWOT analysis Observation; Antenna shop and ORIBE style, etc. Lecture; Supporting policies for promotion of special products, etc. Case study; Thai OTOP Observation ; Gifu prefecture: Local promotion activities utilizing the third sector Lecture; Endogenous local promotion policies with local resources Making an action plan, presentation and discussion Workshop in their departments, submitting a progress report		Implementing Partner	United Nations Centre for Regional Development
		JICA Center	JICA Chubu
		Cooperation Period	2010 ~ 2012
		Remarks and Website	

Endogenous Regional Economic Development Utilizing Local Resources in Central and South America 中南米地域 地域資源を活かした内発的地域経済開発		Region-Focused Trainers	1284276 Updated
Target Countries : Latin American Countries		12 participants	
Sector :Urban/Regional Development/Regional Development			
Sub-Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion			
Language :Spanish			
Appeal			
This program is designed for planning officers to disseminate measures/methods to promote economic development based on local initiatives and recourses.			
Objective/Output		Target Organization / Group	
<p>【Objective】 With full understanding of the importance of Endogenous Regional Development (EnRD), knowledge and skills necessary to plan and implement program and projects for developing local industries and specialty products are obtained by participants and also shared by their organization and other stakeholders.</p> <p>【Objective for each unit】 Knowledge of Japanese policy and support program for promoting Endogenous Regional Development(EnRD). Knowledge of methods and know-hows for linking local resources with market needs to develop new services and products and create business opportunities. Developing local industry/ specialty products into their countries is examined and action plans based on the training inputs are formulated. The importance of EnRD is fully understood by participants and issues and problems facing them are analyzed and examined in the EnRD context. Action plans are reported and shared by relevant organization and stakeholders.</p>		<p>Local government offices, division of rural/economic/agriculture development Officer for Local government offices, division of rural/economic/agriculture development, and supporting the farmers groups and small farm producers</p> <p>Have over 3 to 5 years of experience in the regional development field.</p>	
Contents		Program Period	2013 / 1 / 6 ~ 2013 / 2 / 6
<p>Inception Report presentation and discussion Lecture; Japanese administration and finance systems Lecture; Local plans in Aichi prefecture Lecture; Local development in Japan Lecture; Properties and applications of local resources Lecture; Sustainable livelihood and social infrastructures Lecture; Marketing methods of special products, etc. Exercise; SWOT analysis Observation; Antenna shop and ORIBE style, etc. Lecture; Supporting policies for promotion of special products Lecture; Promotion of local industries in Hida area, etc. Case study; Thai OTOP Observation; Meihou in Gifu prefecture :Local promotion activities utilizing the third sector Lecture; Endogenous local promotion policies with local resources Making an action plan Action plan presentation and discussion Workshop in their departments Submitting a progress report</p>		Implementing Partner	United Nations Centre for Regional Development
		JICA Center	JICA Chubu
		Cooperation Period	2012 ~ 2014
		Remarks and Website	

Supporting Regional Development by Utilizing Local Resources in Africa アフリカ地域 地域資源を活用した地域振興支援政策		Region-Focused Leaders	1284277 Updated
Target Countries : African Countries		13 participants	
Sector :Urban/Regional Development/Regional Development			
Sub-Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion			
Language :English			
Appeal			
This program is designed for officers involved in OVOP or Michinoeki projects/programs to provide fundamental skills to utilize local resources.			
Objective/Output		Target Organization / Group	
<p>【Objective】 Develop a concrete promotion plan of regional development among 3 stakeholders based on local community and existing resources.</p> <p>【Module Output】</p> <ol style="list-style-type: none"> To explain about the role and function which the local government or other promotional organizations have to assume in order to encourage the initiatives of the community. To select from options of utilization of local resources, and demonstrate multiple approaches which meet the local diversity and characteristics. To explain about risks in products commercialization, and how to avoid the risks. To review the mechanism of securing wide-area operation and sustainability. To acquire the methods of communicating the useful information to the community (supportive measures,market situation, etc.). To formulate concrete actions for implementing policies of regional promotion, and analyze risks and limitations. 		National/Local govt., and Community Based Organization including NGO/NPO. Suitable candidate would be a planning officer for regional development from national/local govt. and community leaders with minimum of 5 years of working experience in the relevant field.	
Contents		Program Period	2012 / 5/28 ~ 2012 / 6/30
<ul style="list-style-type: none"> Initiatives of the community, roles of public administration and promotional organizations. Role of public administration, supportive systems and measures Characteristics and utilization of local resources To know intermediate stakeholders like promotional organizations, etc. Basics of product marketing Risk Management Social corporatization of supportive organizations, etc. Analysis of organization, stakeholder, and market Risk analysis by brain storming 		Implementing Partner	HITONOMORI Co.,LTD
		JICA Center	JICA Chubu
		Cooperation Period	2012 ~ 2014
		Remarks and Website	

Global Mapping for Sustainable Development 環境地図(地球地図)作成		Group Trainers	1280874 Continuing
Target Countries :		8 participants	
Sector :Urban/Regional Development/Geographical Information			
Sub-Sector :Urban/Regional Development/Geographical Information			
Language :English			
Appeal			
To deepen the understanding of Global Mapping project and share skills including. GIS and Remote Sensing to develop or update Global Map to cope with global environmental issue.			
Objective/Output		Target Organization / Group	
<p>【Objectives】 Based on the action plan, Global Map data of participating country will be developed and updated continuously, at the same time, application way of Global Map for environmental problems will be shared with the participating organization.</p> <p>【Preliminary Phase】 To clarify the priority issues by analyzing the ongoing activities concerning the Global Map and define the objective of participating this course.</p> <p>【Program in Japan】 1. Be able to explain the overview of Global Map, GIS/R.S. and global standards. 2. Be able to develop and update Global Map data. 3. Be able to explain the outline of global environmental issues and utilization of Global Map for addressing them. 4. To make an action plan draft and to be able to explain the details of development, update and utilization of Global Map for his/her country.</p> <p>【Finalization Phase】 To implement the progress of action plan and submit the final report.</p>		<p>【Target Organizations】 National Mapping Organization involved in Global Mapping Project.</p> <p>【Target Group】 1) Be a member of National Mapping Organization, be working in or be going to work in the Global Mapping Project 2) To have more than 3 years' experience in the field of GIS, Remote Sensing 3) University graduate or equivalent 4) Must not be serving any form of military service</p>	
Contents		Program Period	2012/ 5/14 ~ 2012/ 8/2
<p>【Preliminary Phase】 Formulation and Submission of Inception Report.</p> <p>【Program in Japan】 Lectures, visits and workshops etc. related the following topics will be implemented. 1. Overview of Global Map, Outline of GIS/Remote Sensing, Geographic information standards, Environmental GIS, Global environment and land use changes 2. Outline of GIS software and its operation, Specifications, digitizing/compilation and production of output Global Map, Development and update of Global Map using satellite images, Development and validation of Global Land Cover dataset 3. Overview of global environmental issues, Application of GIS/Remote Sensing to global environmental field, Utilization of Global Map in environmental field 4. Preparation of an action plan for the development, update and utilization of Environmental Map</p> <p>【Finalization Phase】 To revise and implement of the Action Plan in the participant's country and submit its Final Report</p>		Implementing Partner	Geospatial Information Authority of Japan, Ministry of Land, Infrastructure, Transport and Tourism
		JICA Center	JICA Tsukuba (Training&Partnership)
		Cooperation Period	2010 ~ 2012
		Remarks and Website	<Global Mapping Project> http://www.iscgm.org/

Planning and Management of National Mapping and Surveying 国家測量事業計画・管理		Group Solution	1280922 Continuing
Target Countries : [REDACTED]		8 participants	
Sector :Urban/Regional Development/Geographical Information			
Sub-Sector :Urban/Regional Development/Geographical Information			
Language :English			
Appeal			
To develop core personnel in charge of planning and management for surveying and mapping.			
Objective/Output		Target Organization / Group	
<p>【Objective】 Planning and Management capacity of National Surveying and Mapping Organization will be strengthened so that they can provide reliable Geospatial Information adequately.</p> <p>【Preliminary Phase】 To make an analysis of the relevant agenda in participant's respective countries.</p> <p>【Program in Japan】</p> <ol style="list-style-type: none"> To deepen understanding on the fundamental theory of each specialized field. To understand the relationship with the administration and legal framework in Japan and to consider the proper form of those methods for each country. To understand the latest trends and application of survey technology and to sort out its utilization in each country. To prepare an action plan aiming at utilizing learned knowledge and technologies for improvement of surveying and mapping administration of the respective country. <p>【Finalization Phase】 To implement the action plan and submit the Final Report.</p>		<p>【Target Organizations】 National Surveying and Mapping Organization</p> <p>【Target Group】 Technical official in management levels (Head or Deputy Head of a division) in national mapping organization or be engaged in equivalent work, but not be working in cadastral survey.</p> <p>Have more than 7 years of experience in the field in each country. of surveying and mapping. University graduate or equivalent</p>	
Contents		Program Period	2012 / 8/22 ~ 2013 / 2 / 9
<p>【Preliminary Phase】 Formulation and submission of an Inception Report.</p> <p>【Program in Japan】 Lectures, visits and workshops etc related the following topics will be implemented.</p> <ol style="list-style-type: none"> Trend of education, Culture, Science and Technology, Global environment, etc. Survey operation, Survey administrative system, Issues of Survey administration, Cadastral Survey etc. Global Positioning System (GPS), Geographical Information System(GIS), Digital Photogrammetry, Remote sensing etc. Project Cycle Management (PCM), Individual study, Formulation of Action Plan, Technical presentation. <p>【Finalization Phase】 (the middle of June 2011) TV conference for midterm monitoring is planned. (the middle of September 2011)Submission of Final Report.</p>		Implementing Partner	Geospatial Information Authority of Japan, Ministry of Land, Infrastructure, Transport and Tourism
		JICA Center	JICA Tsukuba (Training&Partnership)
		Cooperation Period	2010 ~ 2012
		Remarks and Website	http://www.gsi.go.jp/ENGLISH/index.html

Project Management in Infrastructure Development for Civil Engineers 社会基盤整備における事業管理		Group Leaders	1280230 Continuing
Target Countries : <input type="text"/>		12 participants	
Sector :Urban/Regional Development/Other Urban and Regional Development Issues			
Sub-Sector :			
Language :English			
Appeal			
In late years, the procedures for public works in developing countries become more complicate, due to the intermingling of ODA projects and their own system. This course is offered for executive officers in charge of project management in central government and so. Each participants reviews the own condition and problem and summarizes the Action Plan utilizing the knowledge and technology of project management in Japan learned through this course.			
Objective/Output		Target Organization / Group	
<p><Course Objective> This course brings on executive officers and candidates who belong to central government and governmental body in drawing up their system and policy for project management of infrastructure development.</p> <p><Objective for each unit> (1) To obtain project management on infrastructure development (2) To obtain contract and evaluation system on infrastructure development (3) To obtain method and procedure of accountability (4) To obtain site management (5) To consider the application and possibility in order to establish their own standard and system utilizing the technology through this course, and draw up the action plan</p>		<p><Target Organization> The organization for executing infrastructure development</p> <p><Expected Job Title> Executive officer in charge of infrastructure development in central government and governmental body</p> <p><Expected Job Experience> At least eight years' experience in infrastructure development</p> <p><Other Qualifications> Be a graduate of university or equivalent in the field of civil engineering</p>	
Contents		Program Period	2012 / 9 / 18 ~ 2012 / 11 / 17
(1) To understand the characteristic and condition of infrastructure development in Japan and to obtain project management such as ensuring quality of public works, utilizing information technology, construction waste recycling, land acquisition and etc. (2) To obtain the contract system in Japan, supervision/inspection system, standard specification, role of consultant and project evaluation methods at each step of infrastructure development (3) To learn the process to obtain the support and agreement of citizens through accountability in infrastructure development (4) To study the updated site management, including quality, schedule and safety control (5) To draw up their action report comparing their condition/problem and the technology acquiring thorough this course, and hold the presentation and discussion for deeply understanding	Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan Construction Training Center(JCTC)	
	JICA Center	JICA Yokohama	
	Cooperation Period	2011 ~ 2013	
	Remarks and Website	HP of JTCT:URL http://www.jctc.jp	

Disaster Prevention of Buildings (against Earthquake,Tsunami,Fire, etc.) 建築防災(地震、津波、火災等に対して)		Group Solution	1280278 New
Target Countries : [REDACTED]		12 participants	
Sector :Urban/Regional Development/Other Urban and Regional Development Issues			
Sub-Sector :Water Resources/Disaster Management/Comprehensive Disaster Management			
Language :English			
Appeal			
In this decade, extremely large disasters of earthquake and tsunami happen in the world, causing a lot of casualties. Furthermore, after large scale of buildings became popular and common in the world, there are large fire incidents in these buildings, also causing a lot of casualties. In case of earthquake, tsunami or fire, safe buildings protect people, while disorderly constructed buildings kill people. Safe buildings can be constructed through appropriate building codes and regulatory systems. This course aims to learn about the improvement of building codes, regulatory systems and disaster prevention policies through Japanese experiences.			
Objective/Output		Target Organization / Group	
<p><Program Objective> Building codes and regulatory systems are improved to expand the disaster-proof buildings in the participants' country.</p> <p><Expected Output> (1) To understand the outline of Japanese building codes and regulatory systems especially in the field of earthquake resistance and fire prevention, and to understand the Japanese disaster prevention policies of buildings. (2) To identify the problems to be solved in the participants' country and to examine the applicability of Japanese system to each country. (3) To make proposals to improve the building codes and regulatory systems necessary to expand the disaster-proof buildings in the participants' country.</p>		<p><Target Organization> Government or related organizations responsible for improvement of building codes and regulatory systems, and disaster prevention policies in the field of buildings. <Target Group> (1)be officials in the government or related organizations currently in charge of establishment of building standards/improvement, application of regulatory systems and disaster prevention policies in the field of buildings, and also expected to assume a leading position (2)have more than 5 years of experience with the general knowledge in the above mentioned field. (3)be under 50 years of age</p>	
Contents		Program Period	2012 / 7 / 8 ~ 2012 / 8 / 11
<p><Preliminary Phase> Preparation of Inception Report on policies, efforts, and issues on building codes and regulatory system, disaster prevention policies in the field of buildings in the respective countries. <Core Phase in Japan> (1)Inception Report Presentation (2)Basic Information (Building and housing situation in Japan, Building regulation, Mechanism and characteristics of disasters, etc.) (3)Structural Safety (Building methods from the viewpoint of structural safety, Seismic Codes of buildings, Building Codes on Japanese conventional wooden houses, etc.) (4)Fire Safety (Fire resistance, Fire evacuation, Fire defense, etc.) (5)Lessons from the disasters and disaster mitigation policies (The Great Hanshin-Awaji Earthquake and restoration, The Great East Japan Earthquake and restoration,Earthquake disaster countermeasures, Seismic retrofitting of buildings, etc.) (6)Sustainability (Energy conservation policies, Sustainable building technology, etc.) (7)Operation on Building Control (Administration of local governments, Operations of bodies related to building control, Inspection on building construction, etc.) (8)Formulation of Action Plan <Finalization Phase> Presentation of Action Plan and development to Final Report</p>		Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
		JICA Center	JICA Tokyo(Economy&Env.)
		Cooperation Period	2012 ~ 2014
		Remarks and Website	

Theoretical and Practical Techniques on Mechanized Construction Method and Repair and Maintenance of Construction Equipment 建設機械整備及び建設施工に関する理論的知識及び実務技術の習得		Group Trainers	1280708 Continuing
Target Countries :		10 participants	
Sector :Urban/Regional Development/Other Urban and Regional Development Issues			
Sub-Sector :			
Language :English			
Appeal			
During this training, the trainees will be able to learn the knowledge and experiences for immediate use in the field through theoretical lecture and the practical training with real machines. The technical level of the construction machines in Japan is the highest in the world such as hybrid machines. Trainees will learn widely the history and trend of the equipment development in Japan. Also they can refer to their own development in the future.			
Objective/Output		Target Organization / Group	
<p><Course Objective> Improved action plans of the construction management and the maintenance of construction equipment made by central governments in developing countries are to be proposed by the section which trainees belong to.</p> <p><Objective for each unit> 1.Trainees become able to explain the following points (1)Japanese construction policy. (2)quality control and process management about construction of the pre-stressed concrete bridge. (3)foundation engineering and soil improvement. (4)tunnel construction. (5)environmental impact assessment. (6)road maintenance. (7)Project Control. (8)the outline of Construction Equipment and the theory of hydraulics. (9)the equipment maintenance and repair.</p> <p>2.To make action plans to improve the construction management and the maintenance of construction equipment.</p>		<p><Target Organization> Construction Planning division of the government</p> <p><Expected Job Title> Supervision and control of the construction management</p> <p><Expected Job Experience> At least 8 years of experience in the construction field.</p> <p><Other Qualifications> To be a graduated of university or equivalent in the field of mechanical engineering. Be over 30 years old</p>	
Contents		Program Period	2012 / 8/28 ~ 2012 / 11 / 23
(Lectures)1.Construction project development, local load, governmental procurement system ,and unmanned operation in dangerous area 2.Basic characteristics, durability, problems in maintenance of concrete structures. 3.Production method, quality control,process management of the pre-stressed concrete bridge 4.Method of ground survey for foundation construction. Method of improvement of soft subsoil and testing 5.Idea for environmental preservation, governmental policy for environmental preservation, evaluation of environmental impact,measures for environmental preservation on the road		Implementing Partner	Japan Construction Mechanization Association
		JICA Center	JICA Yokohama
(Lectures & Observations)1.Basic knowledge of the tunnel construction and obstruction under the construction, process of NATM method, and dynamic background 2.Road construction and improvement of freeway in Japan, machines for maintenance of asphalt road, and method of the repair and maintenance. 3.Classification and performance of construction equipment, theory of hydraulics, technique of maintenance and inspection, and repair, maintenance and management of the equipment 4.Control system, inspection for the parts of hydraulics and electric circuit, assemble and disassemble of the transmission, structure and function of engine, and maintenance of construction equipment		Cooperation Period	2011 ~ 2013
		Remarks and Website	Japan Construction Mechanization Association http://www.jcmanet.or.jp
(Lecture & Practice)Method of systematization of project planning ,management, scheduling models.			

National and Regional Development Policy 国土・地域開発政策		Group Solution	1280980 Continuing
Target Countries : Countries with population of more than 1 million .		10 participants	
Sector :Urban/Regional Development/Other Urban and Regional Development Issues			
Sub-Sector :			
Language :English			
Appeal			
Participants are supposed to be government officials engaged in national/regional development projects/policy. In Japan they learn policies, strategies and systems, best practices in national & regional development plan and projects, as well as effective management of local and regional development. Participants make a study report for the improvement of national & regional development systems relating to their ongoing activities.			
Objective/Output		Target Organization / Group	
To have participating government officers master practical ways of planning and management capacity, so that they can plan national and regional development policies or schemes useful for regional development of their countries in an appropriate manner according to a particular social situation		Central and Regional government organizations responsible for planning or implementation of national or regional development projects or policies.	
To be able to explain basic concepts and theories of Japan's national spatial planning and policies towards applying them to the national and regional development policies of their own country		(target group) Have more than 2 years' experience in the above.	
To be able to explain problems and weakness of the national and regional development policies of their own country by applying Japan's national and regional development policies		Be University graduate or equivalent educational background.	
To be able to make a study report, applying the knowledge obtained through the above two items to the solution of their country's problems			
Contents		Program Period	2012/ 9/ 4 ~ 2012 /10 /20
1. Lecture: Policy ・ Institution (1)National Planning Systems & its Process in Japan (2)Formation Sustainable Regional Development Strategy (3)Development of Japanese Economy and the Role of Government Policies (4)New National Land Sustainability Plan (5)National Transportation Plan (6)Policy Evaluation and Community Governance (7)Urban Development in Japan (8)Globalization and Regional Development (9)Development Plan for the National Capital Region (10)Regeneration of Provincial Cities 2. Lecture: Individual Policy (1)Local Public Finance (2)Promotion of Regional Economic and Industrial Cluster Policy (3)Environmental Policy (4)Disaster Management (5)Rehabilitation and Reconstruction after the East Japan Earthquake (6)Overview of Tourism Policy (7)Agricultural Policy (8)Development and Application of Geographic Information System (9)Project Finance and Project Management 3. Case Studies . . . One-village ,One Product Movement (Oita Prefecture) 4. Study Visits (1)Kyoto City(Preservation of Old Capitol City, Innovation Policy) (2)Osaka City (Industrial Policy, Community Development) (3)Yokohama City (Urban Development) (4)Sendai City (Rehabilitation from the Earthquake) 5. Presentation and discussion		Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism (MLIT), National Land Planing Association(NLPA)
		JICA Center	JICA Yokohama
		Cooperation Period	2010 ~ 2012
		Remarks and Website	MLIT HP http://www.mlit.go.jp NLPA HP http://www.kok.or.jp/

Public Participation, Consensus Building and Resettlement in Public Works Project for Asian Countries アジア地域 公共事業における市民参加、合意形成および住民移転		Region-Focused Solution	1284134 Continuing
Target Countries : Asian countries		10 participants	
Sector :Urban/Regional Development/Other Urban and Regional Development Issues			
Sub-Sector :Governance/Other Governance Issues			
Language :English			
Appeal			
This program aims at formulation of Process Guideline for Public Involvement in public works projects which is to involve citizens from the planning stage with the environmental and social consideration in order to resolve troubles among residents in the target area, such as relocation, land acquisition and compensation by implementing the projects.			
Objective/Output		Target Organization / Group	
<p>[Course Objective] Administrative officers of central governments who are engaged in public works are able to make proposals of guideline/regulation for the process of citizens participation/consensus building in the planning stage of public works projects, which includes the execution of environmental and social consideration related to the relocation of residents and land expropriation.</p> <p>[Expected Module Outputs] (1) To be able to understand and execute Public Involvement (PI) methods in the planning phases of public works projects. (2) To be able to understand appropriate ways to conduct involuntary resident relocation and loss compensation based on environmental and social considerations, and to be able to analyze problems of systems in the participant's country, (3) To be able to make a proposal on guideline/regulation based on the processes of public involvement and environmental and social considerations in the planning stage of public works projects.</p>		<p>[Target Organizations] Ministries in charge of planning and execution of the public works infrastructure projects</p> <p>[Target Group] (1) Administrative officers engaged in the execution of public participation, consensus building and resettlement in public works projects in the related department/Ministries (2) Have more than five years of experience</p>	
Contents		Program Period	2012 / 8/27 ~ 2012 / 9/28
<p>[Preliminary Phase in home country] Submit Inception Report</p> <p>[Core Phase in Japan] (1) History and present status of infrastructure development, Public involvement in planning stage of road projects in Japan, Practical public involvement methods, Examples of public involvement in public works projects (2)-1 Basic policy: 1) Resident relocation policy, public compensation system in Japan; 2) Responses to involuntary resident relocation caused by public works projects; (2)-2 Realities of involuntary resident relocation based on environmental and social considerations: 1) Responses in environmental and social considerations; 2) Project execution method understanding problems and challenges facing each aspect of execution as well as how to cope with them (3) Discussion on the state of progress and challenges in developing systems in participants' countries, Workshop on case study, Role playing for resident discussions etc., Consultation for proposal making</p> <p>[Finalization Phase in home country] Submit the Progress Report after returning home country within six months after the training in Japan.</p>		Implementing Partner	Hokkaido University, Ministry of Land, Infrastructure and Transport, Obihiro City Government
		JICA Center	JICA Hokkaido (Obihiro)
		Cooperation Period	2011 ~ 2013
		Remarks and Website	Solution creation type Applicants should be nominated from the same organization since the program objective is achieved through an accumulation of each year's achievement over three years.