




13. Nature Conservation


Research on Forest Environment and Resources 森林環境・資源研究		GROUP  0980749
Nature Conservation—Sustainable Use of Natural Resources		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 This program aims to upgrade knowledge and skills of researchers in the field of Forest Function Research, Forestry Research, and Forest Products Research. This year (2009), we focus on 'Forest Products Research'.</p> <p>【Expected Results】 To reach the objective, participants are expected to achieve the following: 1) Participants master basic methods of forest products research through experiment, practice, analysis, discussion and report writing. 2) Participants will be able to explain the world's research trend and the practical application in the field of engaging. 3) Participants will make a Technical Report as a result of the technical training in Japan. 4) Participants will formulate research proposal based on the inception report and obtained knowledge and skills from this training course.</p>	<p>【Target Organizations】 - Public research institutes, universities in the field of forest function research, forestry research, and forest products research</p> <p>【Target Group】 1) Research scientists in the field of forest function research, forestry research, and forest products research in the above-mentioned organizations 2) University graduates or equivalent qualification 3) Individuals with at least 3 years of research experience 4) Be proficient in spoken and written English (more than TOEFL 500 points) 5) Be less than forty (40) years of age in principle</p>	
CONTENTS	PROGRAM PERIOD	Aug.26.2009 ~ Nov.21.2009
<p>【Preliminary Phase】 Participants develop his/her research proposal under the supervision of the host researcher.</p> <p>【Program in Japan】 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. outline of the schedule is following : 1) General orientation and common lectures. (first week) 2) Research : laboratory work under the advice of the host-researchers. (second to last week) 3) Group Study Tour (once for every participants) and Field Research *depend on the laboratory 4) Presentation and Discussion (3times) *Academic conference attendance will be possible (once during the program).</p>	<p>IMPLEMENTING PARTNER</p> <p>Forestry and Forest Products Research Institute</p> <p>JICA CENTER</p> <p>JICA Tsukuba</p> <p>COOPERATION PERIOD</p> <p>2007~2009</p> <p>REMARKS</p> <p>Website: http://www.ffpri.affrc.go.jp/</p>	


Management for Eco-Tourism and Sustainable Use of Natural Park 自然公園の管理・運営と利用(エコツアー)		GROUP  0980756
Nature Conservation—Sustainable Use of Natural Resources		6 participants / English
Target Countries: Excluding tropical area		English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 To develop human resources who enhance the awareness on conservation of the environment and wise use of natural resources and promote them in the target country based on the idea of international environmental laws.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: (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, (2) To understand the systems, ideas and methods of eco-tourism, and to be able to formulate applicable plans to the target country in cooperation with international environmental laws, (3) To understand the importance of environmental education and to be able to formulate applicable plans to the target country in cooperation with community development.</p>	<p>【Target Organizations】 Central/regional governments that are responsible for nature conservation, and the management and administration of natural parks and promotion of environmental education</p> <p>【Target Group】 1) Middle-ranking administrators 2) Individuals with at 2-3 years of experience in the field 3) Those who are in good health mentally and physically and not pregnant because this program includes a lot of field work. 4) Age: 28-38 years old</p>	
CONTENTS	PROGRAM PERIOD	Aug.30.2009 ~ Oct.15.2009
<p>【Preparatory phase】 To submit a Job Report, which includes an introduction of work, problems faced in the target country, fields of particular interest and the reason, as well as a questionnaire.</p> <p>【Program in Japan】 1) National Parks in Japan, Eco-tourism policy in Japan, Monitoring method on wetland 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 3) Protection of wildlife and environmental education, Environmental education in local areas 4) To make a concrete Action Plan, which describes the objectives, outputs, major activities, etc. after returning home country.</p>	<p>IMPLEMENTING PARTNER</p> <p>Kushiro International Wetland Centre</p> <p>JICA CENTER</p> <p>JICA Obihiro</p> <p>COOPERATION PERIOD</p> <p>2007~2009</p> <p>REMARKS</p> <p>【Program in home country】 Submission of the Progress Report on the Action Plan within 6 months</p> <p>* Excluding tropical areas because the training field in Japan does not include tropical areas.</p>	


Forest Management Through Coexistence 共生による森林保全		GROUP	0980919
		Nature Conservation—Sustainable Use of Natural Resources	
		12 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 To develop core human resources of forest conservation, forestation and coexistence of humans and forests.</p> <p>【Outputs】 To attain the objective, participants are expected to achieve the followings: (1) To be able to explain the coexistence of forest conservation and human activities, (2) To be able to explain the way to grasp the forest resources and its utility, (3) To be able to explain the roles of conservation of forests and its bio-diversity.</p>	<p>【Target Organizations】 Public agencies which are engaged in forest administration and management</p> <p>【Target Group】 1) Have general knowledge of forestry science and of social science 2) More than 5 years practical experience in the field of forest administration or forest management 3) Age: under 40 years old 4) Due to heavy field activities, a pregnant nominee is excluded.</p>		
CONTENTS	PROGRAM PERIOD	Aug.23.2009 ~ Nov.14.2009	
<p>【Preparatory phase】 Submit an Inception report which includes contents of work, facing problems, particular interest in the program and its reason. Fill out the questionnaire.</p> <p>【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents: (1) Outline of forests and forestry in Japan, local administration, coexisting of forest conservation and human activities in Japan (2) Forest resource survey, pilot forests, forest management, forestry products usage, woody biomass energy (3) Breeding and genetic resources of forests, management of subtropical forest, relation between vegetation and animals, role of forests toward global warming (4) Analyze the problems described in the Inception report and make a practical Interim report on activity objective after returning home, expected outputs and major contents of activities.</p>	IMPLEMENTING PARTNER	Japan Overseas Forestry Consultants Association	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2005~2009	
	REMARKS	<p>【Program in home country】 In accordance with the Interim report, submit the Final report including the progress of activities within 6 month.</p>	

Practical Case Studies on Sustainable Forest Management 持続可能な森林経営の実践活動促進		GROUP	0980968
		Nature Conservation—Sustainable Use of Natural Resources	
Target Countries: Countries with over one million ha. of forest		16 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>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.</p> <p>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</p>	<p>(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</p>		
CONTENTS	PROGRAM PERIOD	Aug.24.2009 ~ Nov.13.2009	
<p>(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</p>	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.	

Forest Management Policy in Asia – Sustainable Forest Management with Collaboration between Local Government and Community – アジア地域 森林管理政策～地方行政と住民との協働による持続的森林管理～		R/F		0984063
Target Countries: Participating Countries in Asia Forest Partnership (AFP)		Nature Conservation –Other Nature Conservation Issues		
		9 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP			
<p>【Objectives】</p> <p>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</p> <p>【Outputs】</p> <p>(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.</p> <p>(2) Participants are to consider and prepare an idea on sustainable forest management with collaboration of local government and community.</p>	<p>【Target Organizations】</p> <p>Central and local governmental organization which are responsible for forest policy administration</p> <p>【Target Group】</p> <p>1) Current Duties: be an senior official/manager in central/local administrative organization which is responsible for forest management policy</p> <p>2) Experience in the relevant field: have more than 15 years' experience in the field of forestry</p> <p>3) Education Background: university graduates</p> <p>4) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more</p>			
CONTENTS	PROGRAM PERIOD	Oct.12.2009 ~ Oct.27.2009		
<p>(1) •Role of central and local government, and forestry cooperatives</p> <p>•History, policy, law system, land system etc.</p> <p>(2) •Decentralization on forest management policy and necessary policy and law system to implement decentralized forest management</p> <p>•Sharing experience of participating countries by report presentation and discussion based on the presentation</p> <p>(3) •Role of local government for community-participatory forest management</p> <p>•Public awareness activities such as environmental education and volunteer activities</p> <p>•Sustainable natural resources management for poverty reduction</p> <p>(4) •Preparation and presentation of action plan</p> <p>•Project Cycle Management (PCM) and Participatory Rural Appraisal (PRA)method</p>	IMPLEMENTING PARTNER	Graduate School of International Development, Nagoya University		
	JICA CENTER	JICA Chubu		
	COOPERATION PERIOD	2008~2010		
	REMARKS			

Criteria & Indicators (C&I) and Forest Certification for Pan-Pacific Countries 環太平洋地域 C&I・森林認証		R/F		0984191
Target Countries: Pacific rim countries		Nature Conservation—Sustainable Use of Natural Resources		
		12 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&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 ;</p> <p>(1) To obtain basic knowledge and latest information on C&I and forest certification,</p> <p>(2) To develop a better understanding of good practices piloted in Japan,</p> <p>(3) To acquire practical knowledge on planning, implementation and monitoring of C&I and forest certification in participants' respective countries.</p> <p>(4) To draft Action Plan based on the acquired knowledge and experiences in the training program.</p>	<p>【Target Organizations】</p> <p>Governmental organization or research Institute engaged currently or soon to be engaged in C&I or forest certification.</p> <p>【Target Group】</p> <p>1) preferably to be an administrative official or researcher currently or soon to be engaged in C&I or forest certification,</p> <p>2) more than 5 years of practical experience in forest management/research or equivalent,</p> <p>3) university graduate or equivalent</p>			
CONTENTS	PROGRAM PERIOD	May.19.2009 ~ Jun.26.2009		
<p>[Preliminary Phase] Preparation of Inception Report</p> <p>〔Curriculum in Japan〕</p> <p>– Criteria & Indicators (C&I)</p> <p>– MAR (Monitoring, Assessment and Reporting)</p> <p>– Forest Certification Systems / Labeling Systems</p> <p>– Certified timber /Certified forest products</p> <p>– Case study of Sustainable Forest Management in which Forest Certification Systems are applied</p> <p>– Country Report Presentation</p> <p>– Discussions</p> <p>– Action Plan Presentation</p> <p>[Finalization Phase]</p> <p>Pprogress Report of Action Plan within three (3) months after the completion of the program in Japan</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		0984210
Target Countries: Asian and African Countries		10 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
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. At the end of the course, participants are expected to: (1) understand the ecological approaches and methods in rehabilitating degraded lands with a special emphasis on the uniquenesses of indigenous ecosystems (2) deepen understanding of integrated land use planning, natural resource management and public involvement through hands-on activities for ecological and rehabilitation.	【Target Organizations】 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) 【Target Group】 (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.			
CONTENTS	PROGRAM PERIOD	Nov.4.2009 ~ Dec.19.2009		
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 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.	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.		


Sustainable and eco-friendly food production (No implementation in JFY21) 環境保全型持続的食料生産(長期)(21年度休止)		L/T		0981130
Nature Conservation—Sustainable Use of Natural Resources		0 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
【Objectives】 Participants identify problems regarding environmental protection and food production in their countries and obtain capacity to plan and implement activities to promote sustainable and eco-friendly food production. 【Outputs】 (1) To identify current problems regarding environment protection and food production (2) To acquire basic theories on agriculture, forestry and fisheries studies (3) To acquire practical knowledge to deepen understanding of theories (4) To acquire technology and skills to practice theories (5) To systematize knowledge and skills acquired and make action plans	【Target Organizations】 Senior Development Officials of Central and Local Government Agencies 【Target Group】 Researcher/Engineer of Governmental Agency related to Agricultural Development Experience: more than 3 years of field experience in the relevant field			
CONTENTS	PROGRAM PERIOD	Sep.22.2010~Sep.22.2012		
(1) To identify problems regarding food production concerning environmental protection and bio-diversity and make inception report. (2) To take lectures and practices in the concerned fields (Course Example: Subtropical Agriculture (Subtropical Agriculture and Horticulture, Education and Research Center for Subtropical Field Science), Forest Science (Forest Resources Science, Forest Products Science), Aquaculture (Aquatic Bioscience, Deep Seawater Science), Environmental Engineering (Land Environmental Engineering, Maritime Environmental Engineering), Bioresources Science (Agro-Environmental Chemistry, Applied Biochemistry, Genetic Resources Science)) (2) To participate in seminars and academic meetings on the specific scientific fields of study (3) To take special experiments and exercise from planning and analysis of results on the specific scientific fields of study (4) To make and present master's thesis and make action plans to be implemented in their home countries.	IMPLEMENTING PARTNER	Kochi University, Graduate School for Agriculture		
	JICA CENTER	JICA Shikoku		
	COOPERATION PERIOD	2008~2010		
	REMARKS			


Subtropical Marine Science (Master's degree: Science) (No implementation in JFY21) 亜熱帯海洋科学(長期)(21年度休止)		L/T	0981149
		Nature Conservation—Nature Conservation	
		0 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】</p> <p>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.</p> <p>【Outputs】</p> <p>One out of three outputs below will be chosen by a participant.</p> <p>(1) Obtaining necessary theory in biological science. Formulating thesis, which contains issues and solution in bioscience in each country.</p> <p>(2) Obtaining necessary theory in environmental science. Formulating thesis, which contains issues and solution in environmental science in each country.</p> <p>(3) Obtaining necessary theory in material and mathematical science. Formulating thesis, which contains issues and solution in material science and mathematics in each country.</p>	<p>【Target Organizations】</p> <p>Central and local governments which are related with environmental conservation and management.</p> <p>【Target Group】</p> <p>(1) Technical officer in a field of environmental management in the central government and/or local government.</p> <p>(2) Having 3 years working experience in the related field</p> <p>(3) Having fine command of English</p>		
CONTENTS	PROGRAM PERIOD	Under Planning	
<p>Followings are subjects provided at each output mentioed above:</p> <p>(1) Life's diversity, Biological productivity, Physiology, Organism species, Coral and island biogeocenosis</p> <p>(2) Marine science, Atmospherical science, Hydrosphere science, Marine science, Biological and physical cycle, Marine productivity</p> <p>(3) Physics (Theoretical physics), Mathematics, Information science (Computational science), Marine resource, Natural mineral, Functional material, Natural logic</p>	IMPLEMENTING PARTNER	Graduate School of Engineering and Science, University of the Ryukyus	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008～2010	
	REMARKS	Topics of mater thesis will be issues related to marine in home country.	


Leadership Program for Development of Sustainable Society (Master's Degree: Sustainability Science) 持続可能な社会の構築をめざしたリーダー育成(サステナビリティ学)(長期)		L/T	0981204
		Nature Conservation—Other Nature Conservation Issues	
Target Countries: Countries with JICA-Net system		1 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】</p> <p>To propose and have the approval of action plan for solving issues on regional development/environmental management/nature conservation in respective countries through acquisition of knowledge of viewing the social systems and taking various elements of sustainability.</p> <p>【Expected Results】</p> <p>1. Understanding ideal of sustainability</p> <p>2. Obtaining basic knowledge, concepts and skills on natural and social science, which consist core componet of sustainability science</p> <p>3. Obtaining individual knowledge and methods required for sustainable society, for example regional development, environmental management and conservation of natural environment</p> <p>4. Writing master's thesis based on above knowledge and skills.</p> <p>5. Making action plan based on knowledge and skills of development added to those mentioned above</p>	<p>【Target Organization】</p> <p>Governmental organization related to regional development ,environmental management and nature conservation (eg. Ministry of Environment)</p> <p>【Target Group】</p> <p>1) Current Duties: be officers or researchers of central / local governments in the field of issues on regional development / environmental management / nature conservation.</p> <p>2) Educational Background: must hold a degree from an accredited institution comparable to the bachelor degree offered at the University of Tokyo.</p> <p>3) Age: be between the ages of twenty-five (25) and thirty-five (35) years</p>		
CONTENTS	PROGRAM PERIOD	Aug.31.2009 ~ Sep.30.2011	
<p>To promote solving issues on regional development through skill acquisition for proposing new systems of sustainable society.</p> <p>1. environmental ethics, Ethics on Science and Engineering, Recycling Society, Reproduction process in ecosystem, sustainable system in industry, Sustainable energy society, climate system, world population, food and water</p> <p>2. environmental economics, Environmental Business, Natural Environmental Studies, Urban Sustainability in Relation to Water Sector, etc</p> <p>3. Bio-environmental Studies II, Marine Resource and Environment, Mineral Resources Development and Environment Protection, Socio-environmental Systems, Residential Environment, etc</p> <p>4. to conduct specific research relating to sustainability through individual meeting with a supervisor, presentation at research group, presentation at the end of every semester, submission of master's thesis, and defense.</p> <p>5. to make Action Plan with the concept of Project Cycle Management and its presentation</p>	IMPLEMENTING PARTNER	Institute of Environmental Studies, Graduate School of Frontier Sciences, the University of Tokyo	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2009～2011	
	REMARKS	Participants of this training program will obtain a Master's degree of Sustainability Science by the University of Tokyo with fulfilling certain conditions.	


Improvement of Capacity for Tropical Forest Management to react Climate Change (Master's Degree: Forestry) 気候変動対応に向けた熱帯林管理技術のキャパシティ向上(長期)		L/T	0981205
		Nature Conservation—Sustainable Use of Natural Resources	
		2 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 To improve participants' capacity in tropical reforestation and forest carbon budget measurement.</p> <p>【Expected Results】 (1)To identify problems and draft research plan (2)To be able to explain global warming and deforestation (3)To be able to explain concepts and concerns regarding forest ecology, physiology and forest carbon budget (4)To be able to practice reforestation, seedling cultivation and carbon budget measurements (5)To write M.Sc.(Master of Science) thesis</p>	<p>【Target Organization】 Research institutions, government ministries and agencies involved in environment and forest management.</p> <p>【Target Group】 Current Duties: be a researchers working in institutions, government ministry and agency related to environment and forest management Experience: more than 5 years of field experience in the relevant field Age(preferred): be under the age of thirty-five (35)</p>		
CONTENTS	PROGRAM PERIOD	Sep.23.2009 ~ Sep.29.2011	
<p>This program is designed to help develop capacities of reforestation and carbon budget measurement of tropical forests through the research for master's degree.</p> <p>(1) (a)Review present status of and problems with forest management of their respective country, and make research proposal (b)Make an inception report on current situation and problems in respective research field (2)Lectures on and read trends in climate change and deforestation and write up reports on global warming and condition of world forests (3)Lectures on and read forest ecology, physiology and carbon sequestration of tropical forests and write up reports of their learning (4)(a. in Japan)Acquire techniques for reforestation, seedling cultivation and carbon budget measurement by practices (b. in Indonesia)Acquire real-world techniques for actually practicing reforestation, seedling cultivation and forest carbon budget measurement (5)Conduct reforestation, seedling cultivation and/or forest carbon budget measurement research, and write M.Sc. thesis.</p>	IMPLEMENTING PARTNER	Faculty of Agriculture, Ehime University	
	JICA CENTER	JICA Shikoku	
	COOPERATION PERIOD	2009~2011	
	REMARKS		


Management and Conservation of Coral Reef Ecosystem in Asia Pacific Region サンゴ礁生態系の保全管理(アジア・太平洋地域)		GROUP 	0980011
Target Countries: Asia and Pacific countries with coral reefs		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>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 ecosystem.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand the functions of coral reefs, the relationship between coral reefs and human activities, economic values and importance of their conservation and management.</p> <p>(2) To understand the theory and methodology of the conservation and restoration of coral reefs.</p> <p>(3) To understand the tourism in coral reefs and the environmental education of coral reefs.</p> <p>(4) To understand the importance of monitoring coral reefs, and the monitoring techniques.</p> <p>(5) To understand the planning of Integrated Coastal Zone Management (ICZM), and produce practical action plan of their countries.</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>		
CONTENTS	PROGRAM PERIOD	May.26.2009 ~ Jul.25.2009	
<p><Preliminary phase (activities in home country)></p> <p>(1) 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><Core Phase (activities in Japan)></p> <p>This program consists of lectures, practical exercises, discussions, report-making, presentation, and observation tours.</p> <p>The main subjects are as follows:</p> <p>(1) Conservation and sustainable management of coral reef ecosystems</p> <p>(2) Methods of monitoring and conserving coral reef areas</p> <p>(3) Tourism and environmental education of coral reefs</p> <p>(4) Collaborative management of coastal areas with stakeholders</p> <p>(5) Making and presenting the action plan</p> <p><Finalization Phase (activities in home country)></p> <p>(1) Share and discuss the action plan in respective organizations</p> <p>(2) Modify the action plan</p> <p>(3) Formulate and submit the progress report and completion report</p>	IMPLEMENTING PARTNER	University of the Ryukyus	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Conservation and Sustainable Management of Mangrove Ecosystems マングローブ生態系の持続可能な管理と保全		GROUP 	0980015
		Nature Conservation—Sustainable Use of Natural Resources	
Target Countries: Countries with mangrove area		6 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 importance of conservation, monitoring, and sustainable utilization of mangrove resources, including nondestructive utilization such as eco-tourism.</p> <p>(2) To acquire basic knowledge on plant taxonomy; forest ecology, nursery and plantation techniques.</p> <p>(3) To understand the integrated relation of mangrove ecosystems and their neighboring ecosystems (sea-grass bed and coral reef ecosystems); 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; acquire skills on how to make effective presentation ; acquire basic 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>		
CONTENTS	PROGRAM PERIOD	May.26.2009 ~ Aug.15.2009	
<p><Preliminary phase (activities in home country)></p> <p>(1) Formulating a country report describing the present situation of mangrove ecosystems in the participants' countries and roles of their organization.</p> <p><Core Phase (activities in Japan)></p> <p>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) Formulating report and action plan (6) Presentation of action plan</p> <p><Finalization Phase (activities in home country)></p> <p>(1) Share and discuss the action plan in respective organizations (2) Modify the action plan (3) Formulate and submit the progress report and completion report</p>	IMPLEMENTING PARTNER	INT'L SOCIETY FOR MANGROVE ECOSYSTEMS(ISME)	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Environmental Education for Sustainable Development—Conservation of Coastal Ecosystems for Lives of Local Communities— 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—		GROUP 	0980031
Target Countries: Maritime Countries with tropical or sub-tropical areas		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources, in line with the UNDES, with emphasis on the importance of coastal ecosystems, interrelation with neighboring ecosystems, in harmony with lives of local residents and communities.</p> <p>To reach the objective, participants are expected to achieve the following outputs:</p> <p>(1) To understand functions, roles and importance of integrated coastal and neighboring ecosystems including mangrove, seagrass and coral reefs ecosystems, and understand how to use those resources wisely (or sustainably) in harmony with local residents and communities.</p> <p>(2) To understand what is environmental education and how to promote it in comparison with other education models.</p> <p>(3) To understand simple methods to monitor coastal ecosystems and their utilization including eco-tourism development.</p> <p>(4) To write a practical action plan for implementing in accordance with the situation of the participating countries after returning to their 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.23.2009 ~ Nov.7.2009	
<p><Preliminary phase (activities in home country)> (1) Formulating a country report describing the present situation of environmental education in the participant's country and the role of their organization.</p> <p><Core Phase (activities in Japan)> This course consists of lectures, practical exercises, discussions, making and presenting reports, and observation tours. (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><Finalization Phase (activities in home country)> (1) Share and discuss the action plan in respective organizations (2) Modify the action plan (3) Formulate and submit the progress report and completion report</p>	IMPLEMENTING PARTNER	INT'L SOCIETY FOR MANGROVE ECOSYSTEMS(ISME)	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This program will promote "A Prime Mover Project in the Asia Cooperation Dialogue (ACD) of Japan Environmental Education."	

Education Through Nature Experience Focused on Waterside 水辺を中心とする自然体験を通じた環境教育		GROUP  0980087
		Nature Conservation—Nature Conservation
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Environmental Education Program will be formulated and disseminated by the organization which is in charge of dissemination of environmental education such as national or local government or comparable organization</p> <p>【Outputs】 0) Job Reports on present condition and issues of environmental education in their countries and their own line of business in their organization will be formulated. 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 Environmental Education Program to disseminate environmental education through nature experience utilizing knowledge and skills acquired in Japan. 4) Draft Environmental Education Program will be shared in the participating organization.</p>	<p>【Target Organizations】 •National or Local Government or comparable organization •NGOs, Schools</p> <p>【Target Group】 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>	
CONTENTS	PROGRAM PERIOD	Aug.10.2009 ~ Sep.26.2009
<p>〈Preparatory Phase in participants' home countries〉 Formulation of Job Report 〈Phase in Japan〉</p> <ul style="list-style-type: none"> •Current situation and future prospects of environmental education in Japan •Understand the function of facilities for environmental education through nature experiences •【Practice & Experience】Environmental Education Programs using local resources •Various Theory and Practices •Formulation and presentation of draft Action Plan, Discussion of Action plans <p>〈Finalization Phase in participants' home countries〉</p> <ul style="list-style-type: none"> •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 	IMPLEMENTING PARTNER	International Lake Environment Committee, KANKYO Lakers
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	

Environmental education through nature experience 自然体験を通じた環境教育		GROUP  0980759
		Nature Conservation—Nature Conservation
		11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【OBJECTIVES】 Environmental education programs to arouse awareness for environmental conservation are implemented by participants in their respective countries.</p> <p>【OUTPUTS】 (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>【TARGET ORGANIZATIONS/GROUP】 •Nature Conservation Organization, Education Institution, or NPOs/NGOs which engage in environmental education. •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>	
CONTENTS	PROGRAM PERIOD	Oct.19.2009 ~ Nov.27.2009
<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>	IMPLEMENTING PARTNER	NPO Whole Earth Institute
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2008~2010
	REMARKS	

Wildlife Conservation and Management for Africa アフリカ地域野生生物保護管理		R/F  0984030
Target Countries: Africa		Nature Conservation—Conservation of Biodiversity 4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>(1) Understand the basic theory of wildlife management and wildlife research methodology as well as its analytical skills, for the improvement of the wildlife research activities,</p> <p>(2) Understand the present situation of wildlife management of other countries, for the improvement of the wildlife protection and management activities,</p> <p>(3) Understand how to develop an implementation plan (Action Plan) applying information and knowledge obtained through the training course, for the improvement of the wildlife management or research activities.</p>	<p>Technical officials who are engaged in wildlife management and research and monitoring work in governmental or parastatal organizations in African countries.</p>	
CONTENTS	PROGRAM PERIOD	Aug.17.2009 ~ Oct.16.2009
<p>The curriculum consists of the following three parts.</p> <p>(1) Lectures</p> <ul style="list-style-type: none"> • Basic theory of wild-life management research method • Management/Analysis of research data and creation of information systems • Basic wildlife policies and their historical background in Japan and other countries. • System of natural parks in Japan and other countries, their management and use for tourism. <p>(2) Field visit</p> <p>(3) Presentation and discussion</p> <ul style="list-style-type: none"> • Country report presentation • Case studies of wildlife conservation and management • Comprehensive discussion concerning the current situation of wildlife management in Africa. • Action plan (preparation, presentation and discussion) 	IMPLEMENTING PARTNER	Japan Wildlife Research Center
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【OBJECTIVE】 Environmental education programs to arouse awareness for environmental conservation are implemented by participants in their respective countries.</p> <p>【OUTPUTS】 (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>【TARGET ORGANIZATIONS/GROUP】 •Nature conservation organization, education institution, or NPOs/NGOs which engage in environmental education. •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.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.24.2009 ~ Oct.3.2009</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>IMPLEMENTING PARTNER</p>	<p>NPO Whole Earth Institute</p>
	<p>JICA CENTER</p>	<p>JICA Chubu</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	<p>This course will be offered twice for JFY 2009. Course (A) will be held from Aug. 24 to Oct. 3, 2009 for the South American countries. Course (B) will be held from Feb. 22 to Apr. 3, 2010 for the Central America countries.</p>


Target Countries: Congo Basin Countries

10 participants / French


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Participants develop capacity of planning forest prevention measures through sharing Japan's experience on forest management and international trend of forest prevention.</p> <p>【Expected Results】 (1)Forest Management in Japan (2)Forest Assessment by Satellite Imagery (3)Reduced Emission from Deforestation in Developing Countries (REDD) (4)Open Discussion on possible measures of Forest prevention in Congo Basin</p>	Forestry and Forest Products Research Institute, Forestry Agency	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	Mar.15.2010 ~ Mar.31.2010
<p>To share Japan's experience on forest prevention and to discuss possible action to be taken in the basin.</p> <p>(1)Japan's forest administration, proceeds—sharing forest system, forest certification and current status/problems (2)Forest assessment, satellite imagery analysis, GIS (3)REDD mechanism and issues to be discussed (4)Open seminar in the presence of researchers and administrators</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	Forest Training Institute, Forestry Agency, ITTO
	<p style="text-align: center;">JICA CENTER</p>	JICA Tokyo
	<p style="text-align: center;">COOPERATION PERIOD</p>	2009~2011
	<p style="text-align: center;">REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Core organizations in target areas involved in wildlife management planning will formulate trial plans that include preventive and problem-solving measures to eliminate friction between wildlife and humans, such as damage in agriculture and forestry, infection and injury.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: 1.First-year program (1)To be able to explain the outline of wildlife problems at home, in Japan and in other countries, (2)To be able to explain the present state surveys and information gathering methods for understanding of wildlife problems, (3)To be able to formulate basic data for the solution by analysis of wildlife issues,</p> <p>2.Second-year program In addition to the Output (1) to (3), (4)To be able to formulate the Trial Plan after consideration of solutions to wildlife problems based on the knowledge, basic data and problem analysis obtained from the Outputs (1) to (3),</p> <p>3.Third-year program In addition to the Output (1) to (4), (5) To analyze problems of the Trial Plan problems and finalize the Trail Plan.</p>	<p>【Target Organization】 Public organizations or NGOs involved in the conservation of the natural environment, forests and agriculture.</p> <p>【Target Group】 <Position> Officers who are responsible for wildlife management planning <Experience> Have more than 3 years of practical experience in the relevant field <Age> Under 45 years</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Jun.14.2009 ~ Aug.22.2009</p>
<p>【Preparatory Phase】 Submission of the Inception Report (present state and issues of wildlife at home)</p> <p>【Program in Japan】 •L:Lecture, O:Observation, P:Practice, D:Discussion 1.First-year program (1)•L: General information on wildlife problems, L/O: Introduction to background, countermeasures, management systems, relevant laws and other information items regarding wildlife problems (2)• L/O/P: Outline of methods to understand the present situation of wildlife problems •L/P: Sociological investigation and analysis methods designed to identify causes and the present situation (from the viewpoint of human society) (3)•L/P: Establishment, management and operation of databases for survey data and information •L/P: Collection and dissemination of information using the Internet •L/P: Preparation, display and analysis methods for information using GIS</p> <p>2.Second-year program: Addition to Outputs(1)~(3), (4)• L/P/O:Acquisition of techniques necessary to share information with local residents via websites, pamphlets, explanatory sessions, etc. • Methods of holding citizen participation workshops •D: Preparation of draft operation plans (interim plans) •Output at the end of the second-year of training :Formulation of the Trial Plan •Activities Report after returning home: Sharing of Trial Plan and consideration of issues in their organizations</p> <p>3.Third-year program: Addition to Outputs(1)~(4), (5)• L/D:Discussion and formulation of the Trial Plan</p> <p>【Program in home country】 Submission of Final Report within 3 months after returning home country</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>NPO EnVision Conservation Office</p> <p>JICA Obihiro</p> <p>2009~2011</p> <p>Participants should be nominated in the same organizations during 3 years since the program is Solution Creation type and aims to achieve the objective through 3 years.</p>

Biodiversity Information System 生物多様性情報システム		GROUP  0980789
		Nature Conservation—Nature Conservation
		9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 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>【Outputs】 (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>【Target Organizations/group】 Governmental or municipal offices for nature conservation or biodiversity conservation</p>	
CONTENTS	PROGRAM PERIOD	Aug.18.2009 ~ Oct.10.2009
<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>	IMPLEMENTING PARTNER	Biodiversity Center of Japan, Nature Conservation Bureau, Ministry of the Environment, Japan Wildlife Research Center
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	<p>This course provides the integrated learning environment at Biodiversity Center for the development of the research and information skills necessary for building biodiversity information system. This course considers for acquiring practical skills through the site-visit where biodiversity information system is being put to practical use for the nature conservation and through the guidance of utilizing GIS.</p>

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  0980798
Target Countries: All over the world		Nature Conservation—Nature Conservation 8 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) Civil engineers will analyze the issues of consideration of environmental and social impact in public works. (2nd year)</p>	<p>【Target Organizations】 The organization for executing infrastructure development in developing countries</p> <p>【Target Group】 Civil engineers in charge of implementing Public Works</p>	
CONTENTS	PROGRAM PERIOD	Sep.28.2009 ~ Nov.21.2009
<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	Public Association for Construction Services, Kinki Region
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	

Planning and Management of Eco-tourism in Tropical and Subtropical Area 熱帯・亜熱帯地域におけるエコツーリズム企画・運営		GROUP 	0980843
Target Countries: Countries located in Tropical and Sub-tropical Area		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 The issues on planning and managing the eco-tourism in tropical and/or sub-tropical area which participating organization are facing will be directed, and the practical measures to the issues will be formulated.</p> <p>【Expected Results】 (1) To solve the issues on organizations promoting eco-tourism. (2) To solve the issues on eco-tourism resources and a method of its management. (3) To be able to formulate an eco-tourism program effectively using local resources. (4) To be able to formulate a human resource development program which develops a capacity of local people who support an eco-tourism. (5) To be able to formulate an institutional action plan which aims for solving a issue in an eco-tourism.</p>	<p>【Target Organizations】 Governmental / public organizations and NGOs engaged in planning and management of eco-tourism</p> <p>【Target Group】 1) Current duties: a) be presently engaged in eco-tourism planning and management at a governmental or public organization taking charge of tourism development, or b) be presently engaged in eco-tourism planning and management at an NGO in collaboration with governmental organizations taking charge of nature conservation. 2) Experience in the relevant field: have more than three (3) years of experience in the above mentioned field.</p>		
CONTENTS	PROGRAM PERIOD	Apr.7.2009 ~ Jul.4.2009	
<p>For expansion of eco-tourism, this program contributes human resource of planning and management of eco-tourism in government and/or NGOs for solution of problems on eco-tourism.</p> <p><Preliminary phase (activities in home country)> (1) Formulating a job report describing the present situation of Eco-tourism in the participants' countries and participants' detailed work in their organizations, roles of their organization. <Core Phase (activities in Japan)> (1) Lectures for a basic idea of an eco-tourism/Case studies of environmental education and eco-tourism for local area/Lectures for a tourism development for area development/Lectures for an eco-tourism administration and its legislation (2) Lectures for a concept of an eco-tourism resources/Workshop for local resources development/Lectures and practices for a method of an eco-tourism resources research and monitoring/Case studies of the management mechanism and the establishment of local rules (3) Case studies of the eco-tour program which utilized local natural resources/Lectures for an institutional management of eco-tourim facilities and related organizations/Lectures and practices for a basic idea of the interpretation/Formulation and presentation of eco-tour program (4) Case studies of the enlightenmental activities in local region/Case studies of the training program for eco-tour guide/Lectures for a human resource development in educational institutions/Formulation and presentation of human resource development program (5) Issue analysis of an eco-tourism in participants' organization/Practice for the method of project formulation, implementation and evaluation (PCM method)/Case study of the JICA's technical cooperation project/Formulation and presentation of an action plan <Finalization Phase (activities in home country)> Share and discuss the action plan in respective organizations/Modify the action plan/Formulate and submit the progress report and completion report</p>	IMPLEMENTING PARTNER	Non Profit Organization Okinawa Environment Club	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2009~2011	
	REMARKS	(1) Carrying out an PCM workshop (2) JICA-Net lecture by the ex-participants of this training course (3) JICA-Net lecture of JICA technical Cooperation Project	

Conservation and Wise Use of Wetland in the context of implementing Ramsar Convention and CBD ラムサール条約・生物多様性条約に係わる湿地の保全と利用		GROUP  0980865
		Nature Conservation—Conservation of Biodiversity
		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The program aims to enable mid-level government officials or experts engaged in wetland and biodiversity conservation administration on a central or regional level to execute Activities Plan concerning wise use with the participation of local residents in consideration of the conservation of wetland environments and biodiversity.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings:</p> <p>1. First-year program (1) To be able to explain the philosophy and information regarding the Ramsar Convention and the CBD and the measures for implementing them. (2) To be analyzed each country's situation concerning the measures for and challenges against the conservation and wise use of Ramsar sites and biodiversity.</p> <p>2. Second-year program (3) To be able to make a realistic plan for implementation by understanding the proper management and surveying techniques for monitoring wetland environment and biodiversity</p> <p>3. Third-year program (4) To be able to make a realistic plan for implementation by understanding the need for citizen participation, awareness raising and environmental education in relation to the Ramsar Convention and biodiversity. (5) To be able to formulate the Activities Plan for promoting conservation and wise use of wetland and biodiversity, and make an effective presentation of the plan.</p>	<p>【Target Organization】 Central or local governments which have jurisdiction over wetland management</p> <p>【Target Group】 <Position> Mid-level officials or experts who engaged in the conservation of wetland environmental biodiversity <Experience> have more than two years in the relevant field. <Other> Have sufficient physical strength to engage in field activities.</p>	
CONTENTS	PROGRAM PERIOD	May.12.2009 ~ Jul.1.2009
<p>【Preparatory Phase】 Submission of the Inception Report (Issue Analysis)</p> <p>【Program in Japan】 •L:Lecture, O:Observation, P:Practice, D:Discussion</p> <p>1. First-year program (1) •L/O: Outlook of the Ramsar Convention and the wise-use principle •L: Japan's policy on wetland conservation, Japan's policy on biodiversity conservation (2) •L/O/P: Local industry and the wise use of wetland and biodiversity •L/O/P: Eco-tourism as an example of wise use of wetland and biodiversity •L/O: Examples of wise use of various wetland environment and biodiversity •Submission of Progress Report after returning home countries</p> <p>2. Second-year program: Addition to the above (1) and (2), (3) •L/P: Monitoring method of wetland, Conservation and management of wildlife, Implementation and restriction of wetland, Management of alien species •Submission of Progress Report after returning home countries</p> <p>3. Third-year program: Addition to the above (1), (2) and (3), (4) •O/P: Awareness-raising program for the local community •L/O: Wetland conservation through citizen participation, Biodiversity conservation through citizen participation •L/O: Environmental education on wetland conservation and wildlife management (5) •P/D: Guidance on development of the Activities Plan •P: Presentation of the Activities Plan</p> <p>【Program in home country】 Submission of the Final Report within 3 months after returning home countries.</p>	IMPLEMENTING PARTNER	Kushiro International Wetland Centre
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2009~2011
	REMARKS	Participants should be nominated in the same organizations during 3 years since the program is Solution Creation type and aims to achieve the objective through 3 years.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 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>【Output】 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>	
CONTENTS	PROGRAM PERIOD	Aug.24.2009 ~ Oct.25.2009
<p><Preliminary Phase in home country> Making a Country Report describing job outlines, the status of forest watershed environment and forest management.</p> <p><Core Phase in Japan> 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 & water conservation technologies in subtropical zone 4)Social institution and policy with relation to soil & water conservation 5)Formulation of a concept of action plan</p> <p><Follow-up Phase> Participants are expected to implement the Action Plan and report on the progress.</p>	IMPLEMENTING PARTNER	JAPAN FOREST TECHNOLOGY ASSOCIATION
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	