



TRAINING AND DIALOGUE PROGRAMS

GENERAL INFORMATION ON

BIODIVERSITY INFORMATION SYSTEM

集団研修:「生物多様性情報システム」

JFY 2011

<Type: Solution Creation / 類型: 課題解決促進型>

NO. J11-00717 / ID. A1180789

From August 2011 to December 2011

Phases in Japan: From August 21, 2011 to October 13, 2011

This information pertains to one of the Training and Dialogue Programs of the Japan International Cooperation Agency (JICA), which shall be implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

I. Concept

Background

The Convention on the Biological Diversity (CBD), adopted in 1992 at UNCED in Rio de Janeiro, requests each country, which ratifies the treaty, to conserve the bio-diversity and to exchange information for CBD as a common goal of mankind.

In October 2010, COP10 (the tenth meeting of the Conference of the Parties) was held in Nagoya, Aichi, Japan. Japan plays a leading role in this field as the country of the chair of COP10 until 2012.

In October 1995, the Government of Japan (GoJ) set the National Biodiversity Strategy of Japan to realize the goal of CBD. Since then, GoJ created the database and network for exchanging information related to the bio-diversity and updating them regularly. However, the developing countries, which have the most of the habitats for important and rare species, do not have required human resources hence the database and network for exchanging information are inadequate.

In order to make the database and network to function well globally to achieve the CBD, improving the database and network in developing countries is vital.

This program has been conducted for 12 years since 1998 as many developing countries need this program to develop human resources in bio-diversity issues.

For what?

The purpose of this course is to contribute to the planning and actual building of the biodiversity information system through training participants in charge of the nature conservation policy or biodiversity policy to enhance the professional knowledge and techniques on the collection, management and dissemination of biodiversity information.

For whom?

Young and middle level planner who engages in management of the Department of Nature Conservation or Biodiversity Conservation with more than three (3) years of experience in this field.

How?

Participants shall have opportunities in Japan to build up the capacity on planning and implementation of Biodiversity Information System through the lectures, field practical, site visits and discussions.

Participants will also formulate an Action Plan which describe and what participants do after they go back for the improvement of Biodiversity Information System in their countries.

II. Description

1. Title (J-No.): Biodiversity Information System (J-11- 00717)

2. Period of program

Duration of whole program: August 2011 to December 2011

Core Phase in Japan: August 21, 2011 to October 13, 2011

Finalization Phase: **October 2011 to December 2011**
(in a participant's home country)

3. Target Regions or Countries:

Argentina, Columbia, Morocco, Philippines, Samoa, South Africa, Thailand, Togo, Vietnam

4. Eligible / Target Organization :

This program is designed for a national or a local government organization concerning conservation on a biological diversity.

* The member of NGO is eligible for this training course. However, the letter of recommendation from the government is necessary.

5. Total Number of Participants :

9 participants

6. Language to be used in this project: English

7. Program Objective:

Through learning the following items, the participants are expected to acquire basic skills for collecting, analyzing and providing biodiversity information, and then they can contribute to the planning, actual building and managing of biodiversity information system.

- (1) Participants can understand the policy on biodiversity conservation in Japan, and can explain the focus of present conditions and problems of their own country.
- (2) Participants can explain the basic knowledge about the collection method of biodiversity information, and can carry out basic work related to.
- (3) Participants can explain GIS technology that is necessary for management and dissemination of biodiversity information, and can carry out basic work related to.
- (4) Participants can explain actual method of dissemination of biodiversity information through the Internet, and can carry out basic work related to.
- (5) Participants can formulate actual strategy about building and management of biodiversity information system according to the condition of their own country using above technology.

8. Overall Goal:

Participants are expected to implement the Action Plan formulated in Japan to solve their own issues and to contribute to the development of the Biodiversity Information System.

Participants attain new building or concrete improvement of biodiversity system in their own country. Using this system, participants can promote to collect and provide the biodiversity information. Furthermore, promotion of the biodiversity conservation on the global scale is achieved by development and mobilization of the biodiversity information in international frames such as Global Biodiversity Information Facility (GBIF) and East and Southeast Asia Biodiversity Information Initiative (ESABII).

9. Expected Module Output and Contents:

This program consists of the following components. Details on each component are given below:

<Structure of the program>

1. Preliminary phase (activities in your home country): Preparation of the Inception Report and its presentation.
2. Core Phase (activities in Japan, subject to minor changes)
From August 21, 2011 to October 13, 2011
3. Finalization Phase(activity in home country) :Follow-up Report
From October 2011 to December 2011

(1) Preliminary Phase in a participant's home country <i>Participating organizations make required preparation for the Program in the respective country.</i>	
Expected Output	Module Activities
Inception Report	Submission of Inception Report with Application form (See the ANNEX1). Preparation of presentation on Inception Report (by July 8, 2011.)
Data Preparation	Research the current condition/situation of the data related to biodiversity at the national or organization level and bring the data to Japan if possible

(2) Core Phase in Japan

Participant dispatched by the organizations attend the Program in Japan.

Objectives	Program
1. Nature Conservation Policy	Lecture of Conservation Policy (Ex. National Biodiversity Strategy in Japan National Park System in Japan Wildlife Management Policy in Japan etc.
	Activities of Biodiversity Center of Japan and other organizations Ex. Local Governments, University, NGO etc.
	International Cooperation for Global Biodiversity Conservation Ex. Outline of Asia-Pacific Biodiversity Observation Network (AP-BON) and East and Southeast Asia Biodiversity Information Initiative (ESABII)
	Visits to Conservation areas in Japan (Ex. National Parks, Nature Restoration Area, World Natural Heritage Site etc.
2. Collection of Biodiversity Information (The Course aims to acquire techniques on collection, analysis, treatment and dissemination of existing data and does not aim to acquire methodologies of collecting data on field survey.)	Lecture of the National Survey on the Natural Environment
	Lecture of the Monitoring Site 1000 Visits to Monitoring Site
	Lectures & Practices on technical methods ranging from collection of mainly existing data to practical digitalization of its information
	Outline of Information System of Biodiversity Center of Japan
3. GIS (Geographic Information system) and Database technique for the management and dissemination of Biodiversity information	Lectures & Practices of Database
	Lectures & Practices on technical methods of HTML
	Lectures & Practices of GIS
	GIS, Linkage of Database (made from sample data) with GIS
4. Practical Dissemination of Biodiversity Information via the Internet (Web design and application)	Lecture of Clearing-House Mechanism
	Lectures & Practices of Web Design
	Introduction of Web GIS

5. Formulation and Presentation of an Action Plan	Formulation and Presentation of an Action Plan to improve methods of collection, dissemination and management of the biodiversity information based on the training 1. – 4.
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(3) Finalization Phase in a participant's home country
Participating organizations produce final outputs by making use of results brought back by participants. This phase marks the end of the Program.

Modules	Activities
Follow-up Report	Introduce the Action Plan to the participants' boss/colleagues in the respective country and report on the result by the end of December 2011 to JICA (Details to be announced during the training period)

III. Conditions and Procedures for Application

1. Expectations for the Participating Organizations:

- (1) This program is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Participating organizations are expected to use the project for those specific purposes.
- (2) This program is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the project to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and problems.
- (3) As this program is designed to facilitate organizations to come up with concrete solutions for their issues, participating organizations are expected to make due preparation before dispatching their participants to Japan by carrying out the activities of the Preliminary Phase described in section II -9 .
- (4) Participating organizations are also expected to make the best use of the results achieved by their participants in Japan by carrying out the activities of the Finalization Phase described in section II -9.

2. Nominee Qualifications:

Applying Organizations are expected to select nominees who meet the following qualifications.

Essential Qualifications

- (1) be nominated by their governments in accordance with the procedures mentioned in above,
- (2) be an official Post in charge of the planning to biodiversity conservation, an officer, an engineer or a researcher in management of biodiversity conservation with more than two (2) years of experience in this field
- (3) have a sufficient command of spoken and written English on discussion and presentation, as experience has shown that many participants find themselves unable to make progress in their training for lack of English understanding.
- (4) be university graduates or possess equivalent technical qualifications in this field,
- (5) have basic knowledge on MS-Windows operation system and related basic software (i.e. Excel, Word),
※ Please note that the course is “NOT” for improving your computer skills.
- (6) not over forty (40) years of age in principle,
- (7) not be serving in the military, and
- (8) be in good health, both physically and mentally, to undergo the training. This course includes many field works (trips).

※Pregnancy : Pregnant participants are strictly requested to complete the required procedures before departure in order to minimize the risk for their health. The procedures include 1) letter of the participant’s consent to bear economic and physical risks 2) letter of consent from the participant’s supervisor 3) letter of consent from your Embassy in Japan, 4) medical certificate. Please ask National Staffs in JICA office for the details.

3. Required Documents for Application

- (1) **Application Form:** The Application Form is attached to this General Information.
- (2) **Inception Report:** To be submitted with the Application Form. (See the Annex 1)
- (3) **Questionnaire:** To be submitted with the Application Form. (See the Annex 2)

4. Procedure for Application and Selection :

(1) Submitting the Application Documents:

Closing date for application to the JICA Tokyo: **July 8, 2011**

Note: Please confirm the closing date set by the respective country's JICA office or Embassy of Japan of your country to meet the final date in Japan.

(2) Selection:

After receiving the document(s) through due administrative procedures in the respective government, the respective country's JICA office (or Japanese Embassy) shall conduct screenings, and send the documents to the JICA Tokyo, which organizes this project. Selection shall be made by the JICA Tokyo in consultation with the organizations concerned in Japan based on submitted documents according to qualifications. The organization with intention to utilize the opportunity of this program will be highly valued in the selection.

(3) Notice of Acceptance

Notification of results shall be made by the respective country's JICA office (or Embassy of Japan) to the respective Government by **not later than July 15, 2011**.

5. Conditions for Attendance:

- (1) to follow the schedule of the program,
- (2) not to change the program subjects or extend the period of stay in Japan,
- (3) not to bring any members of their family,
- (4) to return to their home countries at the end of the program in Japan according to the travel schedule designated by JICA,
- (5) to refrain from engaging in political activities, or any form of employment for profit or gain,
- (6) to observe Japanese laws and ordinances. If there is any violation of said laws and ordinances participants may be required to return part or all of the training expenditure depending on the severity of said violation.
- (7) to observe the rules and regulations of their place of accommodation and not to change the accommodation designated by JICA, and
- (8) to participate the whole program including a preparatory phase prior to the program in Japan. Applying organizations, after receiving notice of acceptance for their nominees, are expected to carry out the actions described in section II-9 and section III-4.

Chart of the Training Concept

Step 1: Presentation and Discussion of Inception Report and Background Report

- Problems, organization of tasks, understanding
- Information Sharing among participants

Step 2: Understanding/Learning Conservation Policy and Information Technology Method

**Administrative
Policy**
Efforts of
Government
Efforts of
Municipalities
etc.

**Collection of
Information**
J-IBIS
CHM
etc.

**Information
Management**
GIS
Data Base
etc.

**Transmission of
Information**
Web Design
Information System
Building
etc.

Step 3: Presentation of Action Plan and Discussion

Compilation of Training Results based on Step 1 & 2

IV. Administrative Arrangements

1. Organizer:

Name: Economic Infrastructure Development and Environment Division (TICEF) ,
JICA TOKYO,
Contact: Ms. Sanae YOSHIDA ticthd@jica.go.jp

2. Implementing Partner:

(1) **Name:** Nature Conservation Bureau, Ministry of the Environment (MOE)

Contact: Address: 1-2-2 Kasumigaseki, Chiyoda-ku, Tokyo 100-8975 JAPAN

Tel: +81 - 3 - 3581 - 3351 (Ex. 6434) Fax: +81 - 3 - 3591 - 3228

(81: country code for Japan, 3: area code)

URL: <http://www.env.go.jp/en/>

Remark: The Nature Conservation Bureau is one of the bureaus in the MOE whose main functions are to survey on the natural environment of Japan. Actual Training will be mainly conducted at Biodiversity Center of Japan, MOE, at Fuji-yoshida City (near Mt. Fuji), where Japan Integrated Biodiversity Information System (J-IBIS) is located.

(2) **Name:** Japan Wildlife Research Center

Contact: Address: SN Iriya Building, 3-10-10 Shitaya, Taito-ku, Tokyo 110-8675 JAPAN

Tel: +81 - 3 - 5824 – 0960 Fax: +81 - 3 - 5824 - 0961

(81: country code for Japan, 3: area code)

URL: <http://www.jwrc.or.jp/>

Remark: The Japan Wildlife Research Center (JWRC) is a non-profit NGO (Non Governmental Organization), which is authorized by MOE, Government of Japan. The Center carries out research works and data accumulation on the natural environment resources of Japan, evolving technical know-how of research and management of wildlife and its habitat. The Center also functions as the think-tank which makes natural resources conservation-development plans of areas including protected areas.

3. Travel to Japan:

(1) **Air Ticket:** The cost of a round-trip ticket between an international airport designated by JICA and Japan will be borne by JICA.

(2) **Travel Insurance:** Term of Insurance: From arrival to departure in Japan.

*the traveling time outside Japan shall not be covered.

4. Accommodation in Japan:

JICA will arrange the following accommodations for the participants in Japan:

JICA Tokyo International Center (TIC)

Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan

TEL: 81-3-3485-7051 FAX: 81-3-3485-7904

(where “81” is the country code for Japan, and “3” is the local area code)

If there is no vacancy at TIC, JICA will arrange alternative accommodations for the participants.

Please refer to facility guide of TIC at its URL,

<http://www.jica.go.jp/english/contact/domestic/pdf/welcome.pdf>

5. Expenses:

The following expenses will be provided for the participants by JICA:

- (1) Allowances for accommodation, living expenses, outfit, and shipping
- (2) Expenses for study tours (basically in the form of train tickets)
- (3) Free medical care for participants who become ill after arriving in Japan (costs related to pre-existing illness, pregnancy, or dental treatment are not included)
- (4) Expenses for program implementation, including materials.

For more details, please see p. 9-16 of the brochure for participants titled “KENSU-IN GUIDE BOOK,” which will be given to the selected participants before (or at the time of) the pre-departure orientation.

6. Pre-departure Orientation:

A pre-departure orientation will be held at the respective country’s JICA office (or Japanese Embassy), to provide participants with details on travel to Japan, conditions of the workshop, and other matters.

Inception Report: Biodiversity Information System JFY 2011

The main purpose of the *Inception Report* is to describe/explain the current state of in your country or your organization and identify the issues and problems of its implementation. This report is shared among training participants and discussed to find better solution to describe/ explain the current state of in your country and identify the issues and problems of its implementation. Please formulate the ***“Inception Report”*** and submit together with the Application Form.

All nominees are expected to submit the *Inception Report* on the following issues and submit it to JICA office (or Embassy of Japan) with the Application form by **July 8, 2011**. The report should be typewritten in English on A4 size paper.

All participants are required to make presentation on their own reports. Approximately 30 minutes will be allocated to each presentation, for which participants are able to use power point (ver 2007) and video-projector. In such case participants are requested to bring related data or materials on their arrival in Japan.

Outline of *Inception Report*:

1. Introduction:

- (1) Name of Country
- (2) Name of Applicant
- (3) Name of the region/city, country
- (4) Address
- (5) Tel/ Fax /E-mail

2. Country Information:

- (1) Geographic location & area of country
- (2) Outline of Natural and social environment / Topic of social and nature conservation problem (Climate, demography, socio-economical condition ...etc.)

3. Organizational Framework and Job Description

- (1) Name of organization
- (2) Missions of the organization
(Describe the mission of your organization, the field and the service it provides)

- (3) Outline of the organization and division / department
(Describe it in an organization chart etc.)
- (4) Description of your own job
- (5) Current priority issues and constrains of your job and your organization
- (6) Specific are of interest relate to your job and organization
- (7) Organization's URL (If they have.)

4. Framework of Biodiversity Information System(BIS)

- (1) Issues to be solved or managed through BIS
- (2) Describe Biodiversity Information expected to be involved in BIS. Also refer the organizations responsible for such Biodiversity Information.
(Ex:
 - Environment surrounding rivers: Ministry of Land, Infrastructure and Transport
 - Vegetation in national forests: Forestry Agency
 - General vegetation: MOE)
- (3) Describe problems or obstacles in order to establish and maintain BIS for handling biodiversity and nature information mentioned above (Policy, organization, institution, technology, etc.).
- (4) Specific are of interest relate to Biodiversity Information System

5. Project Information

- (1) Outline of related initiatives / projects
- (2) Donor assisted Biodiversity Information system related projects
- (3) Existing laws, ordinances and regulation Biodiversity Information System
- (4) Relevant organizations and their possible roles on Biodiversity Information System (BIS) in your country
- (5) Lessons learnt from the past or ongoing initiatives /projects
- (6) Computer and network system in your organization
 - Describe computer systems, equipments and network systems etc., which are available for the project (The future plan is included)
 - Your position and experience in the data processing or related fields
 - Number of staff and their qualification in terms of data processing
- (7) Literacy rate and Education rate in your country
- (8) Computer and network diffusion rate at your organization, government and other public offices and your country
- (9) Target group of the database

Cf. J-IBIS&CHM JAPAN: Administration as land development, ecology and etc., researcher, http://www.biodic.go.jp/index_e.html

IT-LAB, JAPAN: depend to people teaching materials for primary school, travel agency use as AD. <http://www.sizenken.biodic.go.jp/index.html>

QUESTIONNAIRE

Country _____
Name _____

1. How many years of experience do you have in using Computer for your work?
years
2. How often do you use?
() Not often / () Very often / () Everyday
3. Which Operation System do you use?
() Windows / () Linux / () Others (_____)
4. Do you know some programming languages?
() No / () Yes
5. Are you familiar with Word or/and Excel?
Word: () Beginner () Intermediate () Advanced
Excel: () Beginner () Intermediate () Advanced
6. Are you familiar with Data Base Software?
() No / () Yes
If the answer is Yes, which Data Base Software are you familiar with? _____
For what kind of work do you use it? _____
If the answer is No, for what kind of work do you wish to use it after the training?

7. Are you familiar with Web Design Software (e.g. Dream Weaver etc.)?
() No / () Yes
If the answer is Yes, which Web Design Software are you familiar with? _____
For what kind of work do you use it? _____
If the answer is No, for what kind of work do you wish to use it after the training?

8. Are you familiar with GIS software?
() No / () Yes
If the answer is Yes, for what kind of situation, do you use it? And which GIS software do you use for that?
If the answer is No, for what kind of work do you wish to use it after the training?

* This Questionnaire aims to give us hints on actual level of each applicant and your answers will be reflected in the management of the training course.

The improvement of PC skills is NOT the main purpose of this training course.

In the process of the selection we do not necessarily choose the applicants with high PC skills (or vice versa).

You are kindly requested to answer honestly the questions because we would like to know the level of the PC skills purely for the preparation of the training.

- .
* If your answers for the questions from 5 to 7 are No and you have no clear idea about the future application of software, please leave the space blank.

Course Program-2010

“Reinforcement of the means of Implementation for Sustainable Forest Management” course
(August 18, 2010 - November 9, 2010)

* Note: course program in 2011 is subject to minor changes includes Study tour site.

<Schedule of the program>

Below program had done in 2010. These contents may be subject to minor changes.

Date	Day	Time	Contents	Lecturer / Officer in charge
6/15	Tue		Arrival in Japan	
6/16	Wed	9:00-12:00	Briefing	JICA
		15:00-16:00	Programme Orientation	JICA/JICE
		16:00	(Flight meeting)	(KSA)
6/17	Thu	9:30-12:00	Program Guidance	BIODIC JWRC
		13:00-17:00		
6/18	Fri	10:00-10:50	Courtesy Call on Deputy Director-General of Nature Conservation Bureau, MOE	Nature Conservation Bureau, MOE
		11:00-12:00	Move from MOE to JICA Tokyo	
		12:00-13:00	Lunch Break	
		13:00-14:30	Lec.: The National Biodiversity Strategy of Japan	Mr MURAKAMI, Nature Conservation Bureau, MOE
		14:30-16:00	Lec.: National Park System and Management in Japan	Ms IWAASA, Nature Conservation Bureau, MOE
		15:00-16:30	Lec.: Wildlife Conservation Administration	Mr NAKAYAMA, Nature Conservation Bureau, MOE
6/19	Sat		Day-off	
6/20	Sun	p.m..	Travelling (JICA Tokyo □ Kawaguchi-ko)	
6/21	Mon	10:00-12:00	Courtesy Call on Director-General of Biodiversity Centre of Japan (BIODIC), MOE	Mr MIZUTANI, Director of BIODIC
			Lec.: Outline of the Biodiversity Centre of Japan	Mr NTNKA, BIODIC
			Obs.: Facilities of Biodiversity Centre of Japan	Ms HAYAMA/Ms SHIMIZU, BIODIC
		13:00-14:30	Lec.: Citizen Participation Biodiversity Observation Programme "IKIMONO-MIKKE"	Ms TAKIFUJI, Information System Unit, BIODIC
		14:30-17:00	Programme Guidance	Ms YAMADA/Ms SHIMIZU, Information System Unit, BIODIC
			Preparation for Inception Report Presentation	
6/22	Tue	9:30-12:00	Inception Report (Presentation and Discussion)	BIODIC, JWRC, EnVision
		13:00-17:00		
6/23	Wed	9:30-12:00	Guidance for Action Plan based on the PCM (Project Cycle Management) Method	BIODIC, JWRC, IC-Net
		13:00-17:00		

Date	Day	Time	Contents	Lecturer / Officer in charge
6/24	Thu	9:30-12:00	Lec.: National Survey on the Natural Environment	Mr YANAGAWA, Survey Unit, BIODIC
			Lec.: Monitoring Sites 1000	Mr FUJITA, Ecosystem Monitoring Unit, BIODIC
		13:00-17:00	Lec.:Biodiversity Information System in Japan (□)(□)	Ms YAMADA, Information System Unit, BIODIC
6/25	Fri	9:30-11:00	Lec.: Hardware and Network of J-IBIS	Mr ONO, Fujitsu Ltd.
		11:30-17:00	Obs. National Park Management (Mt. Fuji)	Mr OKAJIMA, Fujigoko Ranger Office, MOE
6/26	Sat	a.m.	Travelling (Kawaguchi-ko □ JICA Tokyo)	
6/27	Sun		Day-off	
6/28	Mon	9:30-12:00	Lec. & Exe.: Database "Access2007"	Ms. KUROSAWA, Fujitu Learning Media
		13:00-17:00		
6/29	Tue	9:30-12:00	Lec. & Exe.: Database "Access2007"	
		13:00-17:00		
6/30	Wed	9:30-12:00	Exe.: Networking "Basics of Internet, Homepage Building"	Mr UMINO, Fujitu Learning Media
		13:00-17:00		
7/1	Thu	9:30-12:00	Exe.: Networking "Basics of Internet, Homepage Building"	
		13:00-17:00		
7/2	Fri	9:30-12:00	Exe.: Networking "Basics of Internet, Homepage Building"	
		13:00-17:00		
7/3	Sat		Day-off	
7/4	Sun	a.m./p.m..	Travelling (Tokyo □ Shiretoko, Hokkaido)	
7/5	Mon	9:30-12:00	Lec. & Obs.: Nature Conservation Activities in Shiretoko World Natural Heritage Site	Mr. KOHIRA, Shiretoko Nature Centre
		13:00-17:00		
7/6	Tue	a.m.	Travelling (Shiretoko □ Kushiro)	Kushiro Nature Conservation Office, MOE
		13:30-17:00	Lec.: Activities in Kushiro Shitsugen Wetland	
7/7	Wed	9:30-12:00	Obs.: Kushiro Shitsugen Wetland	Kushiro Nature Conservation Office, MOE
		13:00-17:00		
7/8	Thu	a.m./p.m..	Travelling (Kushiro □ Toyako)	
7/9	Fri	9:00-12:00	Obs.: Wildlife Management in Hokkaido	Prof. YOSHIDA, Prof. IGOTA, Rakunou Gakuen University Mr MUROTA, NPO "UW Clean Lake"
		13:00-17:00	Obs.: Invasive Alien Species Eradication Activities by NPO	

Date	Day	Time	Contents	Lecturer / Officer in charge
7/10	Sat		Travelling (Toyako □ Sapporo)	
7/11	Sun		Day-off	
7/12	Mon	9:30-12:00	Introduction of Rakuno Gakuen University	Prof. KANEKO/ Prof. YOSHIDA/ Prof.HOSHINO/Prof. IGOTA, Rakunou Gakuen University,
		13:00-17:00	Exe.: GIS Basics "General Introduction"	Ms. AKAMATSU/Mr YAMAGUCHI, EnVision Conservation Office
7/13	Tue	9:30-12:00	Exe.: GIS Basics "Remote Sensing & Biodiversity Conservation"	
		13:00-17:00	Exe.: GIS Basics "Biodiversity Conservation using GIS Information"	
7/14	Wed	9:30-12:00	Exe.: GIS Basics "Basic GIS - Interpretation of Aerial Photographs"	
		13:00-17:00	Exe.: GIS Basics "Basic Application of GIS"	
7/15	Thu	9:30-12:00	Exe.: GIS Basics "Field Survey with GPS"	
		13:00-17:00	Exe.: GIS Basics "Telemetry Tracking Survey and Biodiversity Conservation"	
7/16	Fri	9:30-12:00	Exe.: GIS Basics "Wildlife Conservation using GIS and GPS"	
		13:00-17:00	Exe.: GIS Basics "GIS and Biodiversity Conservation (review)"	
7/17	Sat		Travelling (Hokkaido □ Tokyo)	
7/18	Sun		Day-off	
7/19	Mon		Day-off (National Holiday "Marine Day")	
7/20	Tue	9:30-12:00	Lec.: Biodiversity Information System in Japan (□)	Ms YAMADA, Information System Unit, BIODIC
		13:00-16:30	Lec.: International Cooperation for Global Biodiversity Monitoring	Mr SAKAGUCHI, Deputy Director, BIODIC
7/21	Wed	9:30-12:00	Lec.: Intellectual Property Rights	Ms. NOGUCHI, Lawyer
		13:00-15:00	Lec.: Bird Monitoring in Japan "History, Volunteer-coordination, Application of Information System, etc."	Mr. Koyama, NPO Bird Research
		15:00-17:00	Lec.: System Development to meet the needs of clients	Mr. Tsuchiya, Spinach Power Company
7/22	Thu	10:00-12:00	Lec./Obs.: Shishizuka Forest "Monitoring Site 1000 - Satoyama Site"	Mr. Takagawa, The Nature Conservation Society of Japan Ms. Oikawa, NPO-Shishizuka Forest
		13:00-17:00	*Satoyama (The Traditional Rural Landscape of Japan)	

Date	Day	Time	Contents	Lecturer / Officer in charge
7/23	Fri	9:30-12:00	Action Plan Guidance	BIODIC, JWRC, IC-Net, JICA
		13:00-17:00		
7/24	Sat		Day-off	
7/25	Sun		Day-off	
7/26	Mon	9:30-12:00	Exe.: Biodiversity Information System Building & Action Plan Formulation	BIODIC, JWRC, JICA
		13:00-17:00		
7/27	Tue	9:30-12:00	Exe.: Biodiversity Information System Building & Action Plan Formulation	BIODIC, JWRC, JICA
		13:30-15:30	Lec.: Overseas Cooperation Projects by JICA	Mr. ABE, Global Environment Dept., JICA
		15:30-17:00	Exe.: Biodiversity Information System Building & Action Plan Formulation	BIODIC, JWRC, JICA
7/28	Wed	9:30-12:00	Exe.: Biodiversity Information System Building & Action Plan Formulation	BIODIC, JWRC, JICA
		13:00-17:00		
7/29	Thu	9:30-12:00	Exe.: Biodiversity Information System Building & Action Plan Formulation	BIODIC, JWRC, JICA
		13:00-17:00		
7/30	Fri	9:30-12:00	Peer Review of Action Plan	BIODIC, JWRC, JICA
		13:00-17:00		
7/31	Sat		Day-off	
8/1	Sun		Day-off	
8/2	Mon	9:30-12:00	Exe.: Biodiversity Information System Building & Action Plan Formulation	JWRC
		13:00-17:00		
8/3	Tue	9:30-12:00	Exe.: Biodiversity Information System Building & Action Plan Formulation	JWRC
		13:00-17:00		
8/4	Wed	9:30-12:00	Action Plan Preparation	BIODIC, JWRC, JICA
		13:00-17:00	Action Plan Presentation	BIODIC, JWRC, IC-Net, JICA
8/5	Thu	9:30-12:00	Action Plan Presentation	BIODIC, JWRC, IC-Net, JICA
		13:00-17:00		
8/6	Fri	10:30-11:30	Evaluation Meeting	MOE/BIODIO, JRWC, JICA
		11:30-12:30	Closing Ceremony	
8/7	Sat		Departure from Japan	

NOTE: Abbreviation

MOE: Ministry of the Environment

BIODIC: Biodiversity Centre of Japan

JWRC: Japan Wildlife Research Centre

For Your Reference

JICA and Capacity Development

The key concept underpinning JICA operations since its establishment in 1974 has been the conviction that “capacity development” is central to the socioeconomic development of any country, regardless of the specific operational scheme one may be undertaking, i.e. expert assignments, development projects, development study projects, training programs, JOCV programs, etc.

Within this wide range of programs, Training Programs have long occupied an important place in JICA operations. Conducted in Japan, they provide partner countries with opportunities to acquire practical knowledge accumulated in Japanese society. Participants dispatched by partner countries might find useful knowledge and re-create their own knowledge for enhancement of their own capacity or that of the organization and society to which they belong.

About 460 pre-organized programs cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs are being customized to address the specific needs of different target organizations, such as policy-making organizations, service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

Japanese Development Experience

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

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from this “adoption and adaptation” process, which, of course, has been accompanied by countless failures and errors behind the success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are trying to address the challenges currently faced by developing countries.

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

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that integration of their findings might help them reach their developmental objectives.



CORRESPONDENCE

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