



Knowledge Co-Creation Program (Group & Region Focus)

GENERAL INFORMATION ON

**GIS・Remote Sensing, Information System and community
participation for Biodiversity**
**課題別研修「生物多様性保全のための GIS・リモートセンシング、情報シス
テム及び住民参加」**

JFY 2019

NO. 201984744J002 / ID. 201984744

Course Period in Japan: From October 3rd to December 7th, 2019

This information pertains to one of the JICA Knowledge Co-Creation Program (Group & Region Focus) 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.

'JICA Knowledge Co-Creation Program (KCCP)' as a New Start

In the Development Cooperation Charter which was released from the Japanese Cabinet on February 2015, it is clearly pointed out that *"In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field-oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together."* We believe that this 'Knowledge Co-Creation Program' will serve as a center of mutual learning process.

I. Concept

Background

In the National Biodiversity Strategy of Japan 2010, it showed a vision of achieving the world of "maintain ecosystem services, provide their benefits for everyone, evaluate and conserve biodiversity, utilize it wisely". For the achievement, understanding current status, accumulating and sharing information, actions based on the fact and consensus building between stakeholders, are required.

"Biodiversity conservation" is set as one of strategic issues, aiming to achieve "Harmony between the nature environment and human activities" in the JICA natural conservation sector.

The biodiversity information system is necessary for promotion of a policy about biodiversity conservation in each country, and it can also be said an important system in the point of view of the safeguard on REDD+.

By construction of the biodiversity information system and implementation of appropriate management and the citizen participation investigation (data collection and renewal), sharing the biodiversity information, quick planning and attempting a policy would become possible, and that would contribute to achieve "The Strategic Plan of the Convention on Biological Diversity" adopted in COP10.

For what?

This training aims to learn and obtain the GIS, remote sensing, database, related surveys and the methods and ideas to promote people's participation, and contribute to practice them in each participant's country.

For whom?

This program is designed for Central and Regional public institutions, private organizations and NGOs engaged in planning and implementing measures for biodiversity conservation.

How?

Participants shall have opportunities to have 1)lectures, 2)practices, 3)field visits and 4)discussions. Participants will also formulate an interim report including an action plan describing what the organization will do after the participants go back to home country putting the knowledge and ideas acquired and discussed in Japan among others into their on-going activities.

II. Description

- 1. Title (J-No.): GIS·Remote Sensing, Information System and community participation for Biodiversity (201984744J002)**
- 2. Course Period in JAPAN**
October 3rd to December 7th, 2019
- 3. Target Regions or Countries**
Bangladesh, Botswana, Brazil, India, Myanmar and Honduras
- 4. Eligible / Target Organization**
Central and Regional public institutions, private organizations and NGOs engaged in planning and implementing measures for biodiversity conservation.
- 5. Course Capacity (Upper limit of Participants)**
6 participants
- 6. Language to be used in this program:** English
- 7. Course Objective:**
Participants and their organizations will acquire basic techniques needed to manage biodiversity conservation and protected areas, understand related mechanisms, and be able to formulate an action plan for solving problems.
- 8. Overall Goal**
In the organizations which participants belong to, consensus building with residents, environmental education and measures will be proposed in order to conserve biodiversity and maintain ecosystem services.

Expected Module Output and Contents:

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

(1)Preliminary Phase in a participant's home country
Inception Report is formulated. Please refer to <i>VI.ANNEX</i> .

(2)Core Phase in Japan In order to set appropriately protected area/buffer zone for maintaining biodiversity conservation and ecosystem services, build network and reduce conflicts, participants will learn the following by lectures/practices/field visits;

Expected Module Output	Subjects/Agendas	Methodology
1) To understand government policies/private organizations' activities related to survey/conservation of biodiversity and related issues like human-nature conflicts, and explain current status/problems in their own country	Policies/measures taken for conservation/survey of natural environment /biodiversity in Japan	Lecture Field visit and Exercise
2) To understand ideas/techniques of GIS/remote sensing/database/web system and their operations	Basic techniques on GIS/remote sensing, methods for creating/display/analysis of information by GIS	Lecture Field visit and Exercise
3) To understand ideas/techniques for setting protected areas/buffer zone by GIS/remote sensing, and for evaluating effects.	Ideas/techniques of setting conservation areas (GAP analysis) and biodiversity evaluation by GIS	Lecture Field visit and Exercise
4) To learn about scientific surveys to know ecological situations, and methods to know causes of human-nature conflicts	Methods of surveys/monitoring for understanding causes/current status in human-nature conflicts, and GIS data origination based on the survey results	Lecture Field visit and Exercise
5) To learn about creating natural-environment data by local people/universities/NGOs, and ideas/methods of collaboration for managing protected areas/buffer zone	Ideas/techniques of information sharing with local people, consensus building, environment education and awareness raising	Lecture Field visit and Exercise
6) To understand ideas/techniques for collecting/accumulating/sharing natural-environment data	Compiling database for accumulating/sharing survey data/information related to natural environment	Lecture Field visit and Exercise

7) To propose the projects/measures for environmental education, consensus building with local people, etc., to conserve biodiversity and maintain ecosystem services, based on outputs 1)-6) above	Making Action Plans for proposing the project	Lecture Field visit and Exercise
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(3) Finalization Phase in a participant's home country
Knowledge and techniques acquired in Japan are shared in participant's organization and persons concerned.

III. Conditions and Procedures for Application

1. Expectations from 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.

2. Nominee Qualifications:

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

(1) Essential Qualifications

- 1) Current Duties: be a central or regional officials, NGOs, private organizations' staff and researchers who engaged in planning and implementing measures for biodiversity conservation
- 2) Experience in the relevant field: have more than 5 years' practical experience
- 3) Educational Background: be a graduate of university
- 4) Language: have a competent command of spoken and written English which is equal to TOEFL iBT 100 or more (This workshop includes active participation in discussions, which requires high competence of English ability. Please attach an official certificate for English ability such as TOEFL, TOEIC etc, if possible)
- 5) PC skill: have a reasonable ability of operating a PC
- 6) Health: must be in good health, both physically and mentally, to participate in the Program in Japan. Pregnant applicants are not recommended to apply due to the potential risk of health and life issues of mother and fetus.

(2) Recommendable Qualifications

- 1) Age: between the ages of twenty-five (25) and forty (40) years
- 2) Gender Consideration: JICA is promoting Gender equality. Women are encouraged to apply for the program.

3. Required Documents for Application

- (1) **Application Form:** The Application Form is available at **the JICA office (or the Embassy of Japan)**.
- (2) **Photocopy of passport:** to be submitted with the application form, if you possess your passport which you will carry when entering Japan for this program. If not, you are requested to submit its photocopy as soon as you

obtain it.

*Photocopy should include the followings:

Name, Date of birth, Nationality, Sex, Passport number and Expire date.

(3) Nominee's English Score Sheet: to be submitted with the application form. If you have any official documentation of English ability. (e.g., TOEFL, TOEIC, IELTS)

(4) Inception Report: to be submitted with the Application Form. Detailed information is provided in the VI. ANNEX.

4. Procedures for Application and Selection :

(1) Submission of the Application Documents:

Closing date for applications: **Please inquire to the JICA office (or the Embassy of Japan).**

(After receiving applications, the JICA office (or the Embassy of Japan) will send them to **the JICA Center in JAPAN by August 9th, 2019.**)

(2) Selection:

After receiving the documents through proper channels from your government, the JICA office (or the embassy of Japan) will conduct screenings, and then forward the documents to the JICA Center in Japan. Selection will be made by the JICA Center in consultation with concerned organizations in Japan. *The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection.* Qualifications of applicants who belong to the military or other military-related organizations and/or who are enlisted in the military will be examined by the Government of Japan on a case-by-case basis, consistent with the Development Cooperation Charter of Japan, taking into consideration their duties, positions in the organization, and other relevant information in a comprehensive manner.

(3) Notice of Acceptance

Notification of results will be made by the JICA office (or the Embassy of Japan) **not later than August 30th, 2019.**

5. Conditions for Attendance:

(1) to strictly adhere to the program schedule.

(2) not to change the program topics.

(3) not to extend the period of stay in Japan.

(4) not to be accompanied by family members during the program.

(5) to return to home countries at the end of the program in accordance with the travel schedule designated by JICA.

- (6)** to refrain from engaging in any political activities, or any form of employment for profit or gain.
- (7)** 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.
- (8)** to observe the rules and regulations of the accommodation and not to change the accommodation designated by JICA.

IV. Administrative Arrangements

1. Organizer:

(1) **Name:** JICA Hokkaido (Obihiro)

(2) **Contact:** Ms. ISHIDA Yayoi (jicaobic@jica.go.jp)

2. Implementing Partner:

(1) **Name:** EnVision Conservation Office

(2) **URL:** <http://www.env.gr.jp>

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:** Coverage is from time of arrival up to departure in Japan. Thus traveling time outside Japan will not be covered.

4. Accommodation in Japan:

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

JICA Hokkaido Center (Obihiro)

Address: 1-2, Minami 6, Nishi 20, Obihiro-city, Hokkaido, 080-2470, Japan

TEL: 81-155-35-1210 FAX: 81-155-35-1250

(where "81" is the country code for Japan, and "155" is the local area code)

If there is no vacancy at JICA Hokkaido Center (Obihiro), JICA will arrange alternative accommodations for the participants.

5. Expenses:

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

(1) Allowances for accommodation, meals, 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 "III. ALLOWANCES" of the brochure for participants titled "KENSU-IN GUIDE BOOK," which will be given before departure for Japan.

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.

V. Other Information

1. Certificate

Participants who have successfully completed the training program will be awarded a certificate by JICA.

2. Ceremony

The program includes some ceremonies, for which it is recommended to bring appropriate clothes.

3. Medical history

In case you have or have had malaria, you are requested to bring the medicine for malaria with you because it is quite difficult to obtain it in Japan.

4. Climate

The climate condition in Obihiro is given below. Participants are advised to prepare appropriate clothes.

		Winter		/ Spring		/ Summer		/ Autumn		/ Winter			
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Temperature (°C)	Maximum	-1.9	-0.6	4.0	11.9	17.6	20.8	23.5	25.2	21.5	15.6	8.0	1.1
	Average	-7.5	-6.2	-1.0	5.8	11.1	14.8	18.3	20.2	16.3	10.0	3.2	-3.7
	Minimum	-13.7	-12.6	-6.0	0.6	5.7	10.3	14.5	16.4	12.1	4.8	-1.5	-8.9
Humidity (%)		70	68	66	66	69	79	83	82	79	73	68	68
Precipitation (mm)		42.8	24.9	42.4	58.9	81.0	75.5	106.4	139.1	138.1	75.0	57.6	46.1

(Japan Meteorological Agency 1981-2010 in average)

5. Currency Exchange

Participants are advised to exchange local currency to Japanese currency on your arrival in Narita (Haneda) airport if it is needed, since there is not enough time for currency exchange during training program.

6. Items to be lent to participants by JICA

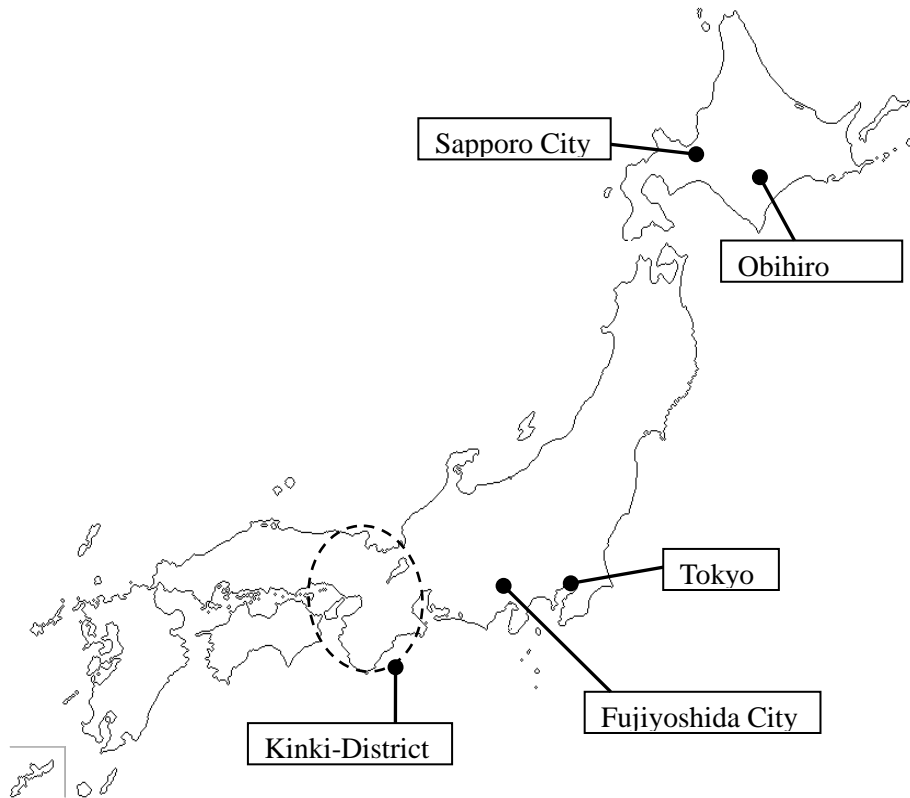
JICA provides participants with the following necessary items during the training period;

- 1) rain jackets & trousers
- 2) work jackets & trousers
- 3) rubber boots
- 4) warm jackets

*Therefore, participants don't need to take own items above.

7. Study Trip

As a supplemental program, study trips are arranged during your stay. Fields for study trip is subject to change without notice, and those fields will be mainly forests, wetlands and lakes.



8. Things to bring with you coming to Japan

(1) Data and Information

- 1) Land use map on related area
- 2) National Park or any protected area map (boundary etc.)
- 3) Distribution data, any survey data and conflict information on related species

(2) Sport Shoes

Nature walk is planned as a part of training. Therefore, participants are requested to prepare shoes suitable for a long walking in nature.

9. School Visit

For the purpose of the promotion of international cultural exchange, this training program includes a school visit, which all participants are requested to visit a local school and interact with students. To introduce your country, it is advisable for participants to bring some items such as

- (1) musical instruments, popular music CDs, traditional costume
- (2) art crafts
- (3) photos (e.g. traditional dresses, foods, houses, animals, tourist spot)

10. **[Reference] Schedule of previous year**

Subject and schedule of this year are under consideration and the schedule is subject to change without notice.

(The schedule duration of previous year was longer than this year.)

types: L=Lecture, P=Practice, D=Discussion, O=Observation, V=Visit, T=travel, Prs=Presentation

day	time (Bold letters = departure time.)			type	subject/title	accommodation
1		-			(arrival in Obihiro)	JICA Hokkaido Center (Obihiro) (OBIC)
2	9:30	~	12:00	L	(Administrative) Briefing	OBIC
	13:00	~	14:00	L	(Administrative) Briefing	
	14:00	~	14:30	L	Video Viewing: "Agriculture in Tokachi"	
	16:00	~	16:30	L	Course Guidance	
	16:30	~	17:00		handouts/materials to be handed	
	18:00	~	19:30	L	Japanese (Language) Lesson	
3	10:00	~	11:30	L	Politics and Administration System in Japan	OBIC
	12:30	~	12:50	T	from OBIC to Tokachi Plaza	
	13:00	~	14:30	L	Education in Japan	
	14:45	~	16:15	L	Economy in Japan	
	16:25	~	16:45	T	from Tokachi Plaza to OBIC	
	18:00	~	19:30	L	Japanese (Language) Lesson	
4	9:00	~	12:00	L	Briefing (Course Orientation)	OBIC
	13:00	~	15:00	Prs	Rehearsal: Inception Report Presentation	
	16:00	~	16:20	T	from OBIC to Obihiro City Hall	
	16:30	~	17:00	V	Courtesy Visit to Mayor of Obihiro	
	17:00	~	17:20	T	from Obihiro City Hall to OBIC	
	18:00	~	19:30	L	Japanese (Language) Lesson	
5					OFF	OBIC
6	9:00	~	12:00	P	Introduction to GIS	OBIC
	13:00	~	17:00	P	Introduction to GIS	
7	9:00	~	12:00	P	Introduction to GIS	OBIC
	13:00	~	17:00	P	Introduction to GIS	
8	12:50	~	13:30	T	from Obihiro to Tokyo (JICA Tokyo Int'l Center)	JICA Tokyo International Center (TIC)
	14:30	~	16:15	T		
	16:40	~	17:40	T		
9	10:30	~	12:00	Prs	Inception Report Presentation	TIC
	13:00	~	16:30	Prs	Inception Report Presentation	
	17:30	~	19:30		Exchange Session	
10	9:00	~	12:00	L	Wildlife Problems and GIS in Japan	TIC

	13:00	~	16:00	L	GIS for Biodiversity Conservation	
11	8:40	~	9:20	T	from TIC to Ministry of the Environment	TIC
	10:00	~	10:15	V	Coutesy Visit to Director General	
	10:30	~	12:00	L	Wildlife Conservation Policy of Japan	
	13:00	~	14:30	L	National Parks of Japan	
	14:40	~	15:40	L	Regulations on Alien Species	
	15:50	~	17:20	L	The National Biodiversity Strategy of Japan	
	17:30	~	18:00	T	from MoE to TIC	
12					OFF	TIC
13	11:00	~	11:30	T	from TIC to Shinjuku Highway Bus Terminal	Business Hotel Noborizaka
	11:15	~	13:00	T	from Shinjuku to Kawaguchiko Stn.	
	13:00	~	13:30	T	from Kawaguchiko Stn. to Hotel	
14	8:40	~	9:30	T	from Hotel to The 5th Station, Mt. Fuji	Business Hotel Noborizaka
	9:30	~	10:30	V	Field Visit: The 5th Station, Mt. Fuji	
	10:40	~	11:30	V	Okuniwa Hiking Trail, Mt. Fuji	
	11:30	~	12:00	T	from Okuniwa to Biodiversity Center	
	13:00	~	13:15	L	Courtesy Visit to Director	
	13:15	~	14:00	L	The Outline of Biodiversity Center Position Information in Environmental Survey	
	14:00	~	15:20	L	Basic Survey for Natural Environment Conservation and International Cooperation	
	15:40	~	16:50	O	Visit Specimen Rooms	
	17:00	~	17:20	T	from Biodiversity Center to Hotel	
15	9:30	~	9:50	T	from Hotel to Biodiversity Center	TIC
	10:00	~	10:40	L	"Ikimono Log"	
	10:40	~	12:00	L	Biodiversity Information System in Japan	
	13:00	~	14:00	L	"Monitoring Site 1000"	
	14:20	~	15:20	L	Bird Banding	
	15:40	~	16:00	O	Display Room	
	16:00	~	16:20	D	Summary and Q & A	
	16:20	~	16:40	T	from Biodiverstiy Center to Kawaguchiko Station	
	17:40	~	19:25	T	from Kawaguchiko Stn. to Shinjuku	
	19:30	~	20:00	T	from Shinjuku to TIC	
16	9:00	~	9:50	T	from TIC to JAFTA Office	TIC
	10:00	~	12:00	L	Forest Conservation in Japan "Brief Introduction to Japanese Forest"	
	13:00	~	16:00	L	GIS & Database for Forest Conservation	
	16:10	~	17:00	T	from JAFTA Office to TIC	

17	9:00	~	12:00	L	Facilitation Methods towards Local Community for Biodiversity Conservation	TIC
	13:00	~	16:00	L		
18	9:00	~	9:50	T	from TIC to RESTEC near Kamiyacho Stn.	TIC
	10:00	~	12:00	L	Application of Remote Sensing for Forest Management	
	12:10	~	13:00	T	from RESTEC to Ueno	
	13:00	~	17:00	L	visit National Museum of Nature and Science	
	17:00	~	18:00	T	from Ueno to TIC	
19	10:00		11:00	T	from Tokyo to Obihiro	OBIC
	12:15		13:50	T		
	14:05		14:45	T		
20					OFF	OBIC
21					OFF	OBIC
22	9:00	~	12:00	L	Introduction to Wildlife Damage Control	OBIC
	13:00	~	13:30	L	Wildlife and Garbage Management	
	13:30	~	13:50	T	from OBIC to Kuririn Center	
	14:00	~	15:30	O	Kuririn Center (Public Garbage Processing Plant)	
	15:30	~	15:50	T	from Kuririn Center to OBIC	
23	9:00	~	12:00	D	Review & Discussion	OBIC
	13:00	~	16:00	D	Review & Discussion	
24	8:00	~	10:40	T	from Obihiro to Kushiro	Kushiro Royal Inn
	10:50	~	10:55	T	from hotel to meeting room	
	11:00	~	21:00	P	Field Survey Methods	
	21:00	~	21:40	T	from Survey Site to Hotel	
25	8:30	~	8:50	T	from hotel to Watt (Citizens' Activity Center)	Ryokan Kurimoto
	9:00	~	12:00	P	Field Survey Methods	
	13:00	~	16:00	P	Field Survey Methods	
	16:00	~	18:00	T	from Kushiro to Kiritappu, Hamanaka Town	
26	8:40	~	8:50	T	from Hotel to Kiritappu Wetland Trust Office	Ryokan Kurimoto
	9:30	~	10:30	L	Introduction to Kiritappu Wetland Trust's Activities	
	10:30	~	11:30	D	Discussion on the Trust's Activities	
	11:30	~	11:20	T	from Kiritappu Wetland Trust to Fishery Port	
	11:30	~	15:00	P	Eco-Tour Experience with	

					Local Community	
	15:00	~	15:30	T	from Kiritappu Wetland Trust to Kiritappu Wetland Visitor Center	
	15:30	~	16:30	O	Introduction to Kiritappu Wetland Visitor Center's Activities	
	16:30	~	17:00	T	from Kiritappu Wetland Visitor Center to Hotel	
27	9:00	~	9:20	T	from Hotel to Kiritappu Wetland Trust Office	Hotel Shiretoko
	9:30	~	11:00	P	Environmental Education Activities for Local Children in the Wetland: "Hokkaido Flowerthon"	
	11:00	~	12:00	D	Discussion on the Trust's Activities & Summary	
	12:00	~	15:00	T	from Kiritappu to Rausu	
	15:00	~	17:00	O	Rausu Visitor Center: Information Service and Awareness Raising at World Natural Heritage Sites and National Parks	
	17:00	~	17:40	T	from Rausu to Hotel, Utoro, Shari Town	
28	8:00	~	8:30	T	from Hotel to Shiretoko Five Lakes Parking Lot	TIC
	8:30	~	12:00	P	Sightseeing Tour at World Natural Heritage (Hiking on Shiretoko Five Lakes Trails)	
	12:00	~	12:30	T	from Shiretoko Five Lakes to World Heritage Center	
	13:00	~	15:00	L	Conflict between Human and Wildlife in World Natural Heritage Sites and National Parks and its Counter Measures	
	15:00	~	16:00	V	Eco-Road (Boardwalk Trail)	
	16:00	~	17:30	T	from Shiretoko to Memanbetsu AP	
	18:30	~	20:25	T	from Memanbetsu AP to Haneda AP	
	20:55	~	21:55	T	from Haneda AP to TIC	
29	10:00		12:00	L	How to Estimate the Population of Wild Animals	TIC
30	8:40	~	9:20	T	from TIC to Shinagawa Station	Hotel Monte Hermana Kobe Amalie
	9:40	~	11:44	T	from Shinagawa Station to Maibara Station	
	12:00		12:45	T	from Maibara Station to Eaglet Office	
	13:00	~	16:00	L	Population Control Based on Scientific Knowledge by Experts	
	16:10	~	16:55	T	from Eaglet Office to Maibara Station	
	17:14	~	17:50	V	from Maibara Station to Shin-Osaka Station	
	18:01	~	18:35	T	from Shin-Osaka to Sannomiya	

	18:35	~	18:50	T	from JR Sannomiya Station to Hotel	
31	8:30	~	9:50		from Hotel to Museum	Hotel Monte Hermana Kobe Amalie
	10:00	~	12:00	L	The Roles of Museum in Biodiversity Conservation	
	13:00	~	16:00	P	Rare Species Database and Data Analysis Practice	
	16:10	~	17:30		from Museum to Hotel	
32	8:30	~	9:50		from Hotel to Museum	Green Rich Hotel Kyoto
	10:00	~	12:00	P	Practice of Environmental Education at Museum	
	13:00	~	16:00	P	Preparation of Specimens	
	16:10	~	17:30		from Museum to Kyoto	
33					OFF	Green Rich Hotel Kyoto
34	8:30	~	10:50	T	from Hotel to Awa Town Center, Iga City	Daiwa Roynet Hotel Nagoya Ekimae
	11:00	~	16:00	L	Wildlife Management Methods in Collaboration with Local Communities	
	16:10	~	18:00	T	from Iga City to Nagoya City	
35	8:00	~	8:10	T	from Hotel to Nagoya Station	OBIC
	8:35	~	10:33	T	from Nagoya Station to Shinagawa Station	
	10:40	~	11:00	T	from Shinagawa Station to Haneda AP	
	13:15	~	14:45	T	from Haneda AP to Obihiro AP	
	15:00	~	15:40	T	from Obihiro AP to OBIC	
36	13:00	~	17:00	L	Project Cycle Management	OBIC
37	9:00	~	12:00	L	Project Cycle Management	OBIC
	13:00	~	17:00	L	Project Cycle Management	
38	9:00	~	12:00	L	Project Cycle Management	OBIC
	13:00	~	17:00	L	Project Cycle Management	
39	9:00	~	12:00	L	Project Cycle Management	OBIC
	13:00	~	17:00	L	Project Cycle Management	
	18:00	~	19:00	L	Return Flight Information Meeting	
40	9:00	~	12:00	L	Project Cycle Management	OBIC
	13:00	~	17:00	L	Project Cycle Management	
41	10:00	~	10:25	T	from Obihiro to Sapporo	Hotel Clubby Sapporo
	11:10		13:56	T		
	11:10		13:56	T		

42					OFF	Hotel Clubby Sapporo
43	10:00	~	12:00	L	Orientation on Rakuno Gakuen University	Hotel Clubby Sapporo
	13:00	~	16:00	L	Review on ArcGIS	
	16:05	~	16:35	T	from University to Hotel	
44	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	L	Introduction to Remote Sensing: Spectrum Information	
	13:30	~	16:30	L	Introduction to Remote Sensing: Advanced Models	
	16:05	~	16:35	T	from University to Hotel	
45	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	P	GIS Practice	
	13:30	~	16:30	P	GIS Practice	
	16:05	~	16:35	T	from University to Hotel	
46	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	P	Remote Sensing Basics: Classification	
	13:30	~	16:30	P	Remote Sensing Basics: Classification	
	16:05	~	16:35	T	from University to Hotel	
47					OFF	Hotel Clubby Sapporo
48					OFF	Hotel Clubby Sapporo
49	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	P	Remote Sensing Basics: Accuracy Verification	
	13:30	~	16:30	P	Remote Sensing Basics: Accuracy Verification	
	16:05	~	16:35	T	from University to Hotel	
50	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	P	Remote Sensing Basics: Accuracy Verification	
	13:30	~	16:30	P	Remote Sensing Basics: Accuracy Verification	
	16:05	~	16:35	T	from University to Hotel	
51	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	P	Remote Sensing Basics: Data Pretreatment	
	13:30	~	16:30	P	Remote Sensing Basics: Data Pretreatment	
	16:05	~	16:35	T	from University to Hotel	
52	9:00	~	13:00	T	from University to Tomakomai City	Hotel Clubby Sapporo
	13:00	~	16:30	O	Visit Experiment Forest of Hokkaido Univ. in Tomakomai	
	16:40	~		T	from Tomakomai to Hotel	
53	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	P	Remote Sensing Basics: Change Extraction	
	13:30	~	16:30	P	Analysis on Relations of Land Use Change	
	16:05	~	16:35	T	from University to Hotel	

54					OFF	Hotel Clubby Sapporo
55					OFF	Hotel Clubby Sapporo
56	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	P	Visualization of Wildlife GPS Data	
	13:30	~	16:30	P	Analysis of Wildlife GPS Data	
	16:05	~	16:35	T	from University to Hotel	
57	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	L	Preparation of Potential Map	
	13:30	~	16:30	L	Preparation of Potential Map	
	16:05	~	16:35	T	from University to Hotel	
58	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	L	Generalization (Review Using Own Countries' Data)	
	13:30	~	16:30	L	Generalization (Review Using Own Countries' Data)	
	16:05	~	16:35	T	from University to Hotel	
59	8:50	~	9:20	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	9:30	~	12:30	P	Remote Sensing Basics: Change Extraction	
	13:30	~	16:30	P	Remote Sensing Basics: Change Extraction	
	16:05	~	16:35	T	from University to Hotel	
60	9:00	~	9:50	T	from Hotel to Rakuno Gakuen University	Hotel Clubby Sapporo
	10:00	~	12:00	L	Generalization (Review Using Own Countries' Data)	
	13:30	~	16:30	L	Review	
	16:05	~	16:35	T	from University to Hotel	
61	10:00	~	10:10	T	from Hotel to Sapporo Station	OBIC
	14:16	~	16:59	T	from Sapporo Station to Obihiro Station	
	17:05	~	17:30	T	from Obihiro Station to OBIC	
62					OFF	OBIC
63	9:00	~	12:00	L	Project Cycle Management (PCM) Method	OBIC
	13:00	~	18:00	P	PCM Practice	
64	9:00	~	12:00	L	Project Cycle Management (PCM) Method	OBIC
	13:00	~	18:00	P	PCM Practice	
65	9:00	~	12:00	P	Interim Report (Action Plan & Course Report) Preparation	OBIC
	13:00	~	18:00	P	Interim Report (Action Plan & Course Report) Preparation	
66	9:00	~	12:00	P	Interim Report (Action Plan & Course Report) Preparation	OBIC
	13:00	~	18:00	P	Interim Report (Action Plan & Course Report) Preparation	
67	11:00	~	12:00	D	Course Evaluation	OBIC
	13:30	~	16:30	Prs	Interim Report (Action Plan & Course Report) Presentation	

	16:30	~	17:00		Course Completion Ceremony	
	17:00	~	18:00		Closing Party	
68					(departure)	

VI. ANNEX

Inception Report

Applicants are requested to prepare an Inception Report as III-3.-(4), and it needs to include following contents. This Report will be used for the screening of successful applicants as well as for the selection of the most suitable training subject for the participants.

1. Purposes

- (1) To clarify issues and problems presently faced in their work in order to facilitate the acquisition of knowledge and ideas leading to solutions during the training program.
- (2) To provide advance information regarding issues and problems faced by participants to lecturers and organizations concerned with the program as a point of reference in finding solutions.

2. Contents

- (1) Name of organization, country
- (2) Present conditions of wildlife based on the latest analysis and data available in your country.
- (3) The most serious problem and obstacle faced by your organization at the moment. Indicating problems related budget, human resources and facilities in your organization should be avoided, as it is difficult to solve these problems in short period. It is preferable to specify problems which can be handled in your job responsibility.

3. Layout

Typewritten in English, 3-5 pages (12-point font, double spaced, A4 size paper)

4. Presentation

The Inception Report is to be presented by each participant using MS PowerPoint at the beginning of the program.

- (1) The time allocation for each presentation of the Inception Report will be about 10-15 minutes.
- (2) It is advisable to bring some materials such as pictures or other visual aids to show your country's situation of biodiversity conservation issues.

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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