

No.12040/21/2014-TRG(FTC/IR)
Government of India
Ministry of Personnel, Public Grievances and Pensions
Department of Personnel and Training
[Training Division]

Block-4, Old JNU Campus
New Mehrauli Road, New Delhi-67
Dated – May 21, 2014

TRAINING CIRCULAR

Subject: Group Training Course in “Wildlife Management Planning for Biodiversity Conservation by GIS and Remote Sensing” to be held in Japan from September 23 to November 29, 2014 under the Technical Cooperation Programme of the Government of Japan.

The undersigned is directed to state that the Japan International Cooperation Agency (JICA) has invited applications for the above mentioned training programme to be held in Japan from September 23 to November 29, 2014 under the Technical Cooperation Programme of the Government of Japan.

2. The programme aims to realize implementation of Wildlife Management Planning for Biodiversity Conservation by GIS and remote sensing.

3. The programme is designed for public institutions and NGOs related to nature conservation, forests and agriculture.

4. The applying organizations are expected to select those candidates who are responsible for wildlife management planning and apply GIS techniques for the planning in duty having more than 3 years practical experience in the related field. The nominees for this course should be an university graduate or equivalent; should have competent command over spoken and written English; have a reasonable degree of ability of operating PC; must be in good health (both physically and mentally); must not be a part of military service and be between ages of twenty five (25) and forty (40) years.

5. In addition to above, the following information in respect of the nominated officers may please be mentioned while furnishing the nomination:-

- a) Whether attended any foreign training programme in the past? If so, the duration/detail thereof;
- b) Whether cleared from vigilance angle;
- c) Age;
- d) Whether working in North East State/J&K;
- e) A brief in 50-100 words justifying the nomination.

6. The course covers the cost of a round-trip air ticket between international airport designated by JICA and Japan; travel insurance from the time of arrival in Japan to departure from Japan; allowances for (accommodation, living expenses, outfit and shipping); expenses for JICA study tours and free medical care for participants who may fall ill after reaching Japan (costs relating to pre-existing illness, pregnancy, or dental treatment are not included).

...2/-

7. It is therefore requested that the nomination of suitable candidates may please be forwarded **(in duplicate)** in JICA's prescribed form (available in **persmin.nic.in→DOPT→Training Wing→Circular→JICA**) to this Department duly authenticated by the HOD of the concerned department in accordance with the eligibility criteria.

8. The applications should reach this Department through the Administrative Ministry/State Government not later than **June 27, 2014**. Nominations received after the prescribed date will not be considered. The details of the programme may be drawn from Ministry of Personnel, Public Grievances and Pensions' website (**persmin.nic.in**).



(N.K. Wadhwa)

Under Secretary to the Government of India

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Copy to:

- a) The Secretary, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, lodhi Road, New Delhi-110003
- b) The Chief Secretaries to all the State Governments/Union Territories(with request to circulate the same amongst their related Departments/Organizations),
- c) NIC with request to post the circular along with the JICA's circular on this Department's website.



GROUP AND REGION-FOCUSED TRAINING

GENERAL INFORMATION ON

**Wildlife Management Planning for Biodiversity Conservation by
GIS and Remote Sensing**

**課題別研修「GIS・リモートセンシングを利用した生物多様性保全のための
野生動物保護管理計画」**

JFY 2014

NO. J14-04319 / ID. 1480126

Course Period in Japan: From September 23, 2014 to November 29, 2014

This information pertains to one of the Group and Region-Focused Training 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

Since the adoption of the Convention on Biological Diversity at the Earth Summit held in Rio de Janeiro in 1992, 190 countries have formulated national strategies and advocated the conservation and sustainable use of biodiversity. However, as shown by the Millennium Ecosystem Assessment released in 2005, these global efforts have failed to prevent biodiversity degradation caused by development. Food demand has been increasing with population growth across much of the globe, while concern over food shortages has been growing due to high demand for biofuel and the phenomenon of aridification. In particular, friction between wildlife and humans – such as damage caused by wildlife in agriculture and forestry, injuries and epidemics both old and new (avian flu, West Nile disease and other chronic debilitating conditions) – leads to a decline in productivity and quality of life for humans as well as a corresponding degradation in biodiversity. It is imperative to formulate a friction-free environmental conservation policy to promote biodiversity and an enhanced quality of human life in developing countries, as well as to increase food production, which is needed on a global scale.

To this end, it is essential to probe the causes and present state of the friction in question. That is, it is necessary to comprehend the current status of and changes in land use and human activity (by way of geographic information system (GIS) usage) and to conduct an ecological survey. There is also a need to accumulate, share and release information based on such a survey (through construction and promotion of a database) and to establish a social system that helps implement countermeasures (using a resident participation approach and public-private cooperative management), as well as to improve related laws and systems and review sanctuary facilities. This course aims to help formulate problem-solving biodiversity conservation plans that will enable symbiosis between humans and nature by providing opportunities to study the use of GIS (which has yet to become established in developing countries) and the construction and promotion of a database, as well as technologies including a resident participation approach. Methods and concepts for the application of these measures are also studied.

For what?

This program aims to realize implementation of Wildlife Management Planning for Biodiversity Conservation by GIS and remote sensing.

For whom?

This program designed for public institutions and NGOs related to nature conservation, forests and agriculture.

How?

Participants will 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.): Wildlife Management Planning for Biodiversity Conservation by GIS and Remote Sensing (J14-04319)**
- 2. Course Period in JAPAN**
September 23 to November 29, 2014
- 3. Target Regions or Countries**
Cameroon, India, Paraguay, Kenya, and Uganda
- 4. Eligible / Target Organization**
This program is designed for public institutions and NGOs related to nature conservation, forests and agriculture.
- 5. Course Capacity (Upper limit of Participants)**
8 participants
- 6. Language to be used in this program:** English
- 7. Course Objective:**
To be able to prepare basic information and data on the wildlife management planning for biodiversity conservation and to implement countermeasures to solve the conflict between wildlife and humans by scientific analysis on present situation in focused area.
- 8. Overall Goal**
Selected organizations will perform trial operation of plans to address wildlife-related problems. Based on the results, the plans will be proposed to related bodies in the relevant areas.

9. 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 countries		
Inception Report is formulated. Please refer to <i>VI.ANNEX: Attachment-1</i>		
(2) Core Phase in Japan		
Expected Module Output	Subjects/Agendas	Methodology
To acquire basic techniques/ideas of GIS, remote sensing, and database	Basic techniques and ideas on GIS and remote sensing, data processing, display and analytical method	Lecture Field visit and Exercise
To acquire techniques/ideas of wildlife survey and monitoring	Survey and monitoring method for present situation/causes on human wildlife conflicts, the result data processing by GIS	Lecture Field visit and Exercise
To understand current status on the area and to be able to make a proposal on countermeasure on human wildlife conflicts by means of the techniques acquired (1) and (2)	Basic techniques and ideas on establishment of protected area by GIS, (GAP analysis etc.) and idea/method of biodiversity evaluation, data processing by GIS for share and accumulation on information related to nature conservation and survey data	Lecture Field visit and Exercise
To be able to utilize the knowledge acquired (1) and (2) for consensus building among citizen and environmental education	Idea and techniques of sharing data/information with residents, consensus building, environmental education, database for data sharing and awareness Formulation of Action Plan for the formulation of project	Lecture Field visit and Exercise
(3) Finalization Phase in a participant's home countries		
<ol style="list-style-type: none"> 1. Knowledge and techniques acquired in Japan are shared in participant's organization and persons concerned. 2. Participant's activity in home country will be reported to JICA Office by November 30, 2015 as a final report. 		

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 the official workers who are responsible for wildlife management planning and apply GIS techniques for the planning in duty
- 2) Experience in the relevant field: have more than 3 years practical experience
- 3) Educational Background: be a graduate of university or equivalent
- 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: have a reasonable degree of ability of operating a PC
- 6) Health: must be in good health, both physically and mentally, to participate in the Program in Japan
- 7) Must not be serving any form of military service.

(2) Recommendable Qualifications

- 1) Age: between the ages of twenty-five (25) and forty (40) years

3. Required Documents for Application

(1) Application Form: The Application Form is available at **the JICA office (or the Embassy of Japan)**.

*Pregnancy

Pregnant participants are strictly requested to attach the following documents in order to minimize the risk for their health.

1. letter of the participant's consent to bear economic and physical risks
2. letter of consent from the participant's supervisor
3. doctor's letter with permission of her training participation.

Please ask JICA Staff for the details.

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

(4) 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. 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 **July 8, 2014**)

(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.*

(3) Notice of Acceptance

Notification of results will be made by the JICA office (or the Embassy of Japan) **not later than August 8, 2014**.

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. NOZAKI Yuka (jicaobic@jica.go.jp)

2. Implementing Partner:

- (1) **Name:** Nonprofit Organization 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:

Hokkaido International 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 Hokkaido International 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. School visit:

For the purpose of the promotion of "international education", this training program includes a school visit to Japanese local elementary or junior high schools as well as communities. All the participants are requested to take part in this exchange program. To introduce your country, it is advisable for participants to bring some

- (1) musical instruments, and/or popular music CDs,
- (2) crafts,
- (3) photos of foods, clothes, housings, and families of participants (digital data are preferable) and so on.

There are also some cases to introduce their country's dances and games.

3. Courtesy call to Obihiro city & Ceremony

The program includes courtesy call to Obihiro city and some ceremonies, for which it is recommended to bring appropriate clothes.

4. Medical history:

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

5. Climate:

The climate condition in Obihiro is given below. Participants are advised to prepare appropriate clothes, especially for cold weather.

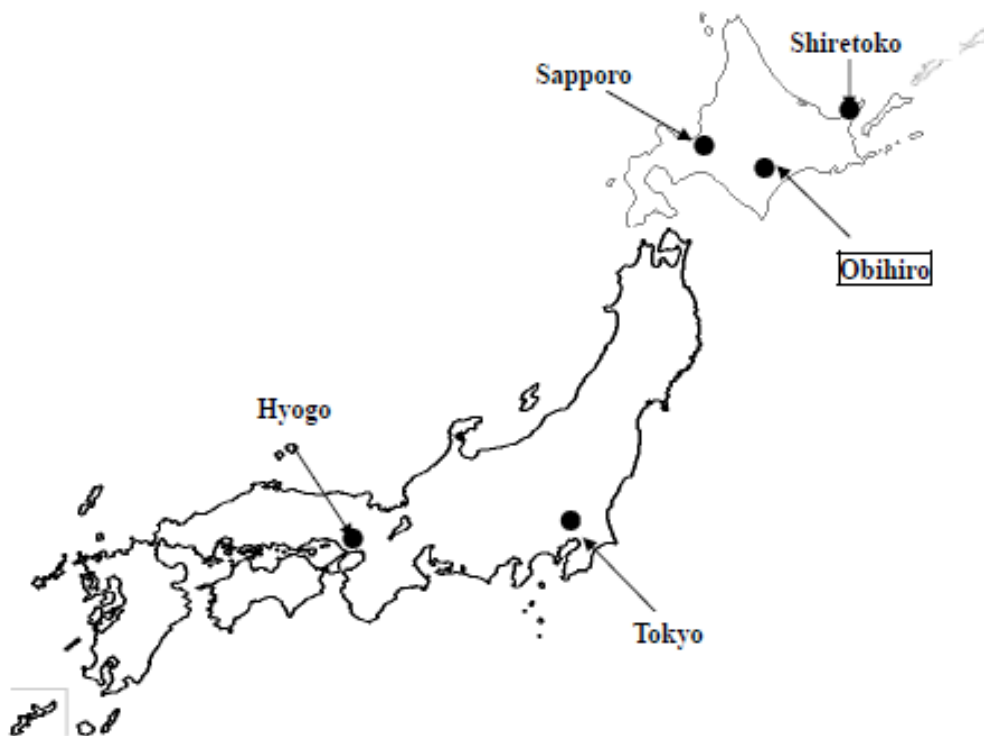
		Obihiro			Sapporo			Hyogo	
		Sep.	Oct.	Nov.	Sep.	Oct.	Nov.	Oct.	Nov.
Temperature (°C)	Maximum	27.9	24.2	14.9	28.6	24.6	16.4	31.9	21.5
	Average	17.1	11.1	4.4	18.8	12.9	6.3	21.2	13.2
	Minimum	4.2	-0.5	-6.1	6.6	3.7	-3.0	12.6	4.3
Humidity (%)		80	76	71	73	71	68	64	60
Precipitation (mm)		159	163.5	65.0	173.0	131.0	116.0	187.5	65.0

(Data in 2013 from Japan Meteorological Agency)

6. Study Trip:

As a supplemental program, study trips are arranged during your stay.

- (1) Sapporo city
- (2) Shiretoko area
- (3) Hyogo prefecture



7. Things to bring with you coming to Japan

(1) Date and information

Since this year is to complete and finalize the Trial Plan, it is necessary to bring the following map/data with you.

- 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.

VI. ANNEX

Inception Report

Participants are requested to prepare an Inception Report as III-3.-(3), 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/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 wildlife management and wildlife issues situation.

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

For enquiries and further information, please contact the JICA office or the Embassy of Japan. Further, address correspondence to:

JICA Hokkaido International 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