

No.12040/12/2013-FTC (Trg.)
Government of India
Ministry of Personnel, Public Grievances & Pensions
Department of Personnel and Training
(Training Division)

Block-4, Old JNU Campus
New Mehrauli Road, New Delhi-67
Dated 26th February, 2013

TRAINING CIRCULAR

Subject: **A Group training Course on Remote Sensing of Forests Resources (A) (Basic) from April, 2013 to December, 2013 (Core Phase from 6th May to 21st June, 2013 in Japan)**

The undersigned is directed to state that the Japan International Cooperation Agency (JICA) under the Technical Cooperation of the Government of Japan has invited applications for the above programme to be held from April to December, 2013 out of which the Core Phase will be held in Japan from 6th May to 21st June, 2013

2 The programme aims that participants are expected to acquire the skills and knowledge for using remote sensing of forest resources in their country based on international discussions on reducing emissions from deforestation and forest degradation in developing countries (REDD).

3 This programme is offered to an administrative official or researcher engaged in forestry management or REDD, wildlife management, nature conservation and climate change mitigation; be university graduates having more than 3 years of practical experience in the relevant field or research in forestry management or REDD; should be between the ages of twenty five (25) and forty (40); must not be serving in any form of military service; have competent command of spoken and written English which is equal to TOFEL; be in good health, both physically and mentally, to participate in the program in Japan.

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

- 1) Whether attended any foreign training programme in the past? If so, the duration/detail thereof;
- 2) Whether clear from vigilance angle?
- 3) Age;
- 4) Whether working in North East State/J&K;
- 5) A brief in 50-100 words justifying the nomination.

5. The course covers the cost of a round-trip air ticket between an international airport designated by JICA; 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 is not included). The participants are not allowed to take any family member during the training course.

6. It is requested that the nomination of the suitable candidates may please be forwarded to this Department in accordance with the eligibility criteria.

7. The nomination details should be submitted (**in duplicate**) in the JICA's prescribed proformas duly authenticated by the Department concerned along with the Job Report.

8. The applications should reach this Department through the Administrative Ministry/State Government not later than **11th March, 2013**. Nominations received after the prescribed date will not be considered. The details of the programme and the application form may be drawn from Ministry of Personnel, Public Grievances and Pensions website (**persmin.nic.in**), which is available in "What is New" under the Department of Personnel and Training.


(N.K. Wadhwa)

Under Secretary to the Government of India

Tele.No.011-26165682

E-mail-ID naresh.wadhwa@nic.in

Copy to:

1. The Secretary, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi.
2. All State Governments/Union Territories (with the request to circulate it amongst the related organizations)
3. NIC with the request to post the circular along with the JICA's circular and the enclosed application Proforma on the Department's website.



5/2001(CP/L)
①

Japan International Cooperation Agency
(Government of Japan)

No. 14/GT-CP/2013

February 21, 2013

Dear Mr. N.K. Wadhwa,

A Group Training Course on Remote Sensing of Forest Resources(A) will be held in Japan from May 06, 2013 to 21 June, 2013 under the Technical Cooperation Programme of the Government of Japan.

We are forwarding herewith two copies of the General Information Booklet on the above offer. It is requested that the following documents of the selected candidate may please be submitted to this office by **March 15, 2013**:-


- (1) The Application Form together with the medical history questionnaire
- (2) Country Report

Further details are available in the General Information Booklet. It may be noted that the completed Country Report is essential for screening of application.

It is further informed that 08 slots are available globally for the above course and it would be much appreciated if you could take further necessary action and submit the nomination(s) of suitable candidate(s) to this office by the designated date.

With regards,

Yours sincerely,


(Tomohide Ichiguchi)
Senior Representative

Encl: As stated above.
Mr. N.K. Wadhwa
Under Secretary (Training)
Department of Personnel and Training
Training Division
Block No. 4
Old JNU Campus
New Mehrauli Road
New Delhi.

5/25/2
50 (Tr.)

2



TRAINING AND DIALOGUE PROGRAMS

GENERAL INFORMATION ON

REMOTE SENSING OF FOREST RESOURCES (A) (BASIC)

集団研修「森林リモートセンシング(A) (基本)」

JFY 2013

<Type: Trainers Training / 類型: 人材育成普及>

No. J13-00851 / ID. 1380113

Phases in Japan: From May 6, 2013 to June 21, 2013

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.

3

I. Concept

Background

Addressing deforestation and forest degradation may play a significant role in climate change mitigation. CO₂ emissions from deforestation and forest degradation in developing countries might amount for about 20% of the total emissions of the world. Thus, it is a key challenge not only for developing countries but also for the whole world to address reducing emissions from deforestation and forest degradation in developing countries (REDD), which could slow increases in atmospheric CO₂ concentrations.

However, there are not sufficient systems or personnel in many developing countries so that they can investigate the forest resources, which is basic information for REDD. This constitutes a matter of immediate concern for the international community.

Remote sensing provides extensive information of forest resources in an efficient and effective manner. This program will provide basic theory and skills of remote sensing of forest resources to improve forest management in developing countries, which also support the REDD-related activities for the participants and is expected to contribute to the climate change mitigation.

For what?

Participants are expected to acquire the skills and knowledge for using remote sensing of forest resources in their own countries based on international discussions on REDD.

For whom?

This program is offered to administrative officials or researchers engaged in forestry management.

How?

Participants shall have opportunities in Japan to enhance the participants' knowledge and skills of remote sensing of forest resources in order to understand REDD as a significant role in climate change mitigation. Participants are expected to formulate an action plan describing what the participant is going to do after they go back to home country, making the best use of the knowledge and ideas acquired and discussed in Japan.



II. Description

**1. Title (J-No.): Remote Sensing of Forest Resources (A) (BASIC)
(J-13-00851)**

2. Period of program

Duration of whole program:	April 2013 to December 2013
Preliminary Phase: (in participant's home counties)	April 2013 to May 2013
Core Phase in Japan:	May 6, 2013 to June 21, 2013
Finalization Phase: (in participant's home counties)	June 2013 to December 2013

Core Phase in Japan: May 6 to June 21, 2013

3. Target Regions or Countries

Cambodia, Timor-Leste, India, Papua New Guinea, Myanmar, Kenya

4. Eligible / Target Organization

Administrative officials or researchers engaged in remote sensing of forest resources, forestry management and climate change mitigation.

5. Total Number of Participants

Eight (8) participants

6. Language to be used in this program: English

7. Program Objective

Participants are expected to acquire the skills and knowledge for using remote sensing with the aim of understanding forest resources in their own countries on the basis of international discussion of REDD.

8. Overall Goal

Each participant's belonging organizations take actions based on the action plans, in order to build the system for monitoring of forest resources using remote sensing in the countries concerned.

9. Expected Module Output and Contents:

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

(1) Preliminary Phase in a participant's home country (April 2013 to May 2013) <i>Participating organizations make required preparation for the Program in the respective country.</i>	
Expected Modules Output	Activities
To overview the present situation and issues of forestry management in participants' respective countries	<ul style="list-style-type: none"> • Preparation and submission of Country Report

(2) Core Phase in Japan (May 6, 2013 to June 21, 2013) <i>Participants dispatched by the organizations attend the Program implemented in Japan.</i>		
Expected Modules Output	Contents	Activities
To acquire the current knowledge about the REDD using a remote sensing,	<ul style="list-style-type: none"> • International methodology such as IPCC guideline • Remote sensing usage to keep up with REDD 	Lecture Exercises
To learn about the basic theory and skills of remote sensing,	<ul style="list-style-type: none"> • Basic theory of remote sensing • Characteristics of electromagnetic wave • Spectral Reflectance • Classification of platform and sensor • Feature and difference of various satellite for earth observation • Learning remote sensing software, ENVI and Multispec. 	Lecture Observation
To acquire the knowledge and technique for the practical use of remote sensing of forest resources,	<ul style="list-style-type: none"> • Case Study of remote sensing • Possibilities of remote sensing • Image processing of satellite images using a PC • Calculation of various index models of vegetation • ALOS/PALSAR usage for the forest mapping • Learning remote sensing software, ENVI 	Lecture, Practice and Exercise

6

	and Multispec.	
To acquire the knowledge and technique for the practical use of GIS/GPS of forest resources,	<ul style="list-style-type: none"> •How to use a GPS •Satellite Images/Data Acquisition for GIS in the open air •The basic usage of GIS •Space analysis by GIS •Learning GIS software, ArcGIS. 	Lecture Practice
To formulate the practical Action Plan for solving their own issues	<ul style="list-style-type: none"> • Planning for understanding the forest resources in their own countries using remote sensing 	To prepare action plan and make it presentation

NOTE: (1)

Each participant must submit Country Report before arriving in Japan. Participants are requested to make Country Report Presentation by country at the beginning of the training course, in order to share the respective countries information in the field of forestry management and using remote sensing technologies. (If there are two participants from the same country, Presentation must be made by country, not by personal, but report must be submit by each participant.) Participants must prepare for Country Report presentation before arriving in Japan. Country Report must be written in English and twenty (20) minutes will be allocated to each participant for the presentation (including interpretation and discussion). Presentation by using Microsoft Power Point is recommended. If possible, it is also recommended to bring a CD-R etc. in which the Country Report is saved, that will facilitate report making.

This training includes a lot of practical trainings. Participants from the same country are requested to help each other.

(3)Finalization Phase in a participant's home country	
<i>Participating organizations produce final outputs by making use of results brought back by participants. This phase marks the end of the Program.</i>	
Modules	Activities
Implementation of the Action Plan Submission of the Final Report	Application and implementation of the Action Plan back in respective home country and submission of the Final Report describing the progress of implementing respective Action Plan by December 31, 2013.

NOTE :(2)

JICA Hokkaido might suspend the acceptance of candidates for the coming years from those organizations which does not seriously share participant's action plan, nor without reporting to JICA within the mentioned period.

10. Follow-up Cooperation by JICA:

In this workshop, JICA might extend follow-up support to participating organizations that intend to develop the result of the project further. Please note that the support shall be extended selectively based on proposals from the participating organizations.

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-8.
- (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-8.

2. Nominee Qualifications:

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

(1) Essential Qualifications

- 1) Current Duties: preferably to be an administrative official or researcher currently to be engaged in forestry management or REDD. In some countries, forestry management or REDE are covered in the field of wildlife management, nature conservation and climate change mitigation. This course will accept the participant from such area. This course offers lots of practical training. So, participants must use GIS/Remote Sensing software in their current duties.
- 2) Experience in the relevant field: should have more than 3 years of practical experience or research in forestry management or REDD,
- 3) Educational Background: should be a university graduate or have an equivalent qualification,
- 4) Language: have good command of spoken and written English which is equivalent to TOEFL CBT 200 or more, (This program includes active participation in discussions, an action plan development. Thus requires good competence of English ability. Please attach an official certificate for English ability such as TOEFL, TOEIC etc, if possible)
- 5) IT Literacy: must be needed. Nominees must know how to use Windows or Windows Office; otherwise, participants may be refused to join this training course even though after arriving in Japan.
- 6) Health: must be in good health, both physically and mentally, to participate in the Program in Japan. **Please notice that this course includes ground truth or field survey in the forest. Participants must have enough strength left to go through such survey in the field and bring comfortable shoes.**