

F.No. 34/45/2007-EO(F)
Government of India
Ministry of Personnel, P.G. and Pensions
(Department of Personnel and Training)

New Delhi, the 22 June, 2007.

Subject: A Group Training Course in Mitigation Strategy For Mega-Urban Earthquake Disaster to be held in Japan from 8/10/2007 to 23/11/2007.

The undersigned is directed to state that the Japan International Cooperation Agency (JICA) under the Technical Cooperation Programme of the Government of Japan has invited applications for a Group Training Course in Mitigation Strategy For Mega-Urban Earthquake Disaster to be held in Japan from 8/10/2007 to 23/11/2007. The details of the seminar and the application form may be drawn from Ministry of Personnel, Public Grievances and Pensions website (www.persmin.nic.in). **There are 10 slots available globally.**

2. This Group Training Course in Mitigation Strategy For Mega-Urban Earthquake Disaster is particularly designed for Public Officers, Technical Specialists, Researchers, Engineers or Medical Staffs who are presently engaged in practical service of disaster mitigation for mega-cities in seismic hazardous country. The applicant should have work experience of disaster mitigation field for more than 2 years. He/She should be over twenty five (25) and under forty (40) years of age, be in good health, both physically and mentally and not be serving in the military. The candidate should have sufficient command of spoken and written English.

3. The objective of the training is to provide the basic knowledge of comprehensive strategy for earthquake disaster mitigation for urban and mega-cities in seismic hazardous countries. The course will provide an excellent experience to the participations not only to gain a new knowledge of disaster mitigation but also a chance to create an international network of earthquake disaster mitigation specialists.

4. The fellowship award covers a Round-trip air ticket between an international airport designated by the JICA and Japan, Allowances for (accommodation, living expenses and shipping), expenses for JICA study tours, free medical care for participants who may fall ill after reaching Japan.

5. It is requested that the nomination of the suitable candidates may please be forwarded to this Department in accordance with DOPT's Circular No. 37/9/2006-EO(F) dated 2.8.2006.

6. The nomination details should be submitted in the prescribed proforma (Annexure-I) for long term/short term foreign training programme under Foreign Funding Scheme as well as in the JICA's prescribed proforma duly authenticated by the Department concerned

7. The applications should reach the Department not later than 16th August, 2007. Nominations received after the prescribed date will not be considered. The circular inviting applications for training course is available on this Department's website (www.persmin.nic.in)


(Trishaljit Sethi)
Director

1. Ministry of Health & Family Welfare, Nirman Bhavan, New Delhi.
2. Ministry of Science & Technology, Technology Bhavan, New Mehrauli Raod, New Delhi.
2. All the State Governments/Union Territories.
3. Director(Technical), NIC with the request to post the circular along with the JICA's circular on the Department's website.

**APPLICATION FOR LONG-TERM & SHORT-TERM FOREIGN TRAINING PROGRAMMES IN 2007
(FUNDED BY FOREIGN GOVERNMENTS)**

1.	Name						
2.	Designation						
3.	Service						
4.	Cadre						
5.	Batch						
6.	Date of Birth						
7.	Category- Gen/SC/ST						
8.	Date of Joining Service						
9.	Present Posting with Date of Appointment/ Posting						
10.	Complete Postal Address : Official \$						
11.	Complete Postal Address : Residential						
12.	Email						
13.	Telephone numbers	Off:		Res:		Fax:	
14.	Academic Background	S.No.	Qualification	Year	Subjects		
15.	Previous record of Foreign Training *	Name of the Institute/Country		Name of the Course	Period	Name of Nominating Agency	
16.	Brief description of the nature of work of the present post held						
17.	Name with Code Number of the training programmes opted for						

\$ Subsequent change in address, if any, should be intimated to this Department.

- * Note : In case of a false information or suppression of information, the officer will be liable for disciplinary proceedings apart from the debarment from foreign training for the rest of his career.

Certified that the information given above is correct to the best of my knowledge and belief.

(Signature of the applicant)

34/45/2007

No. 43/GT-CP/2007

6th June, 2007

Dear Mr. Bhalla,

A Group Training Course in Mitigation Strategy For Mega-Urban Earthquake Disaster will be held in Japan from 8th October, 2007 to 23rd November, 2007 under the Technical Cooperation Programme of the Government of Japan.

We are forwarding herewith six 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 **24th August, 2007**:-

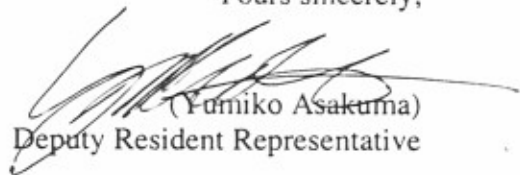
- (1) The Nomination Form A2A3 ,
- (2) The desired Country Report

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

It is further informed that 10 slots are available globally for the said 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,


(Yumiko Asakuma)
Deputy Resident Representative

Encl: As stated above.

Mr. D.R. Bhalla
Under Secretary (PSE and Trg.)
Department of Economic Affairs
Ministry of Finance
North Block
New Delhi


Mrs Vibha

Copy to:-

Mr. S.K. Sharma, Section Officer, Department of Personnel and Training, Ministry of Personnel, Public Grievances and Pensions, North Block New Delhi.

289/PSE/07
18/6

INFORMATION ON THE GROUP TRAINING COURSE

***MITIGATION STRATEGY FOR
MEGA-URBAN EARTHQUAKE DISASTER***

JFY 2007

集団研修：大都市地震災害軽減のための総合戦略

COURSE NO.: J-07-00720

(Project No.: 0780892)

October 8, 2007 ~ November 23, 2007



THE GOVERNMENT OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY



Preface

The Japanese Government carries out official development assistance (ODA) to developing countries to support self-help efforts that will lead to economic progress and a better life for the citizens of those countries.

Since its foundation in 1974, the Japan International Cooperation Agency (JICA) has implemented Japan's technical cooperation under the ODA programme.

Currently, JICA conducts such activities as training, dispatch of experts, provision of equipment, project-type technical cooperation, development study, dispatch of cooperation volunteers (JOCV), survey and administration of capital grant aid programme.

The training programme for overseas participants is one of JICA's fundamental technical cooperation activities for developing countries. Participants come from overseas in order to obtain knowledge and technology in a wide variety of fields.

The objectives of the JICA training programme are:

- (1) to contribute to the development of human resources who will promote the advancement of developing countries, and
- (2) to contribute to the promotion of mutual understanding and friendship.

The course is designed to provide the basic knowledge of comprehensive strategy for earthquake disaster mitigation for urban and mega-cities in seismic hazardous countries. Experts from various fields, such as Earth Science, Engineering, Social Science, Economy, Medical, and Administration etc., are to provide the knowledge and tools to mitigate the earthquake disasters in urban environments. In order to deal with the complex problem of earthquake disasters in urban and mega-cities systematically, three key components in the mitigation strategy are introduced, namely **1) risk assessment, 2) risk management, and 3) risk communication.** The course will provide an excellent experience to the participants not only to gain a new knowledge of disaster mitigation but also a chance to create an international network of earthquake disaster mitigation specialists.

In January 17th, 1995 Japan experienced the Great Hanshin-Awaji Earthquake with human loss of more than 6000 and property damage of over 9trillion yen (US 90 billion). Kobe and nearby cities have recovered from this immense tragedy after 10 years of recovery and learning processes, and it is a very suitable place for learning the lessons on earthquake disaster reductions. The United Nations World Conference on Disaster Reduction took place in Kobe, January 2005 and resulted in the plan of action for the next decade (Hyogo Declaration and Hyogo Framework of Action, etc.)

At the turn of century, human kind is still facing major risk from possible natural disasters. Reducing impacts from such disasters is one of the most important tasks for us. Let us make one step forward together for this end.

I. ESSENTIAL FACTS

COURSE TITLE (No.)	Mitigation Strategy for Mega-Urban Earthquake Disaster
DURATION	October 8, 2007 ~ November 23, 2007
DEADLINE FOR APPLICATION	August 24, 2007 *for acceptance in the JICA office or the Embassy of Japan
NUMBER OF PARTICIPANTS	10
LANGUAGE	English
PARTICIPANTS	Public Officers, Technical Specialists, Researchers, Engineers or Medical Staffs who presently engaged in practical service of disaster mitigation for mega-cities in seismic hazardous country.
COURSE OBJECTIVES	The objective of the training is to learn comprehensive strategy for earthquake disaster mitigation in seismic hazardous countries. After learning the strategy, the participants should be able to propose the action plans for earthquake disaster mitigation that are suitable and required in their countries based on the individual country situations. The strategy consists of three approaches; 1) risk assessment techniques needed prior to the earthquake event 2) risk management techniques required during and after the event 3) risk communication techniques to be provided before and after the event.
TRAINING INSTITUTION	Kobe University Research Center for Urban Safety and Security(RCUSS) Address: Rokkodai, Nada-Ku, Kobe 657-8501, JAPAN Tel. : 81(Country Code)-78(Area Code)-803-6058 Fax : 81(Country Code)-78(Area Code)-803-6394 e-mail:rcuss@kobe-u.ac.jp, URL:http://www.kobe-u.ac.jp/
ACCOMMODATIONS *Accommodations for the whole period of the training are to be arranged by JICA.	Hyogo International Centre (HIC), JICA Address: 1-5-2, Wakinohama-kaigandori, Chuo-ku, Kobe 651-0073, JAPAN Tel. : 81(Country Code)-78(Area Code)-261-0341 Fax.: 81(Country Code)-78(Area Code)-261-0342 If no room is available at a JICA Training Center, JICA will arrange accommodations for participants at other appropriate places.
ALLOWANCES & EXPENSES	The Government of Japan provides the following allowances and covers the following expenses through JICA in accordance with relevant laws and regulations. <u>Details</u> Round-trip air ticket between an international airport designated by JICA and Japan, accommodation allowance, living allowance, outfit allowance, book allowance, shipping allowance, expenses for JICA study tours, free medical care for participants who become ill after arrival in Japan (costs related to preexisting illness, pregnancy and dental treatment are not included), etc.
Encountering the Great Hanshin-Awaji Earthquake, Kobe University, located in the quake-stricken area, has established Research Center for Urban Safety and Security (RCUSS), in 1996 to conduct integrated researches on the safety and security of urban areas from the aspects of not only engineering but also science, medical management and economy, making most use of this valuable experience. Kobe University is one of the oldest and largest national universities in Japan, with its history tracing back to an establishment in 1902. Today, Kobe University consists of 11 faculties, 9 graduate schools, libraries, a hospital, and various other facilities and centers with 2,600 members of teaching and administrative staff and 16,000 students including 1,000 international students from more than 60 countries.	

Training Chart

The state expected to achieve at the end of the training

OUTCOME

To reduce the earthquake disasters in large cities, understand the mitigation strategy composed of multidisciplinary approaches and plannings. Then examine the implementations of strategy in various countries and cities.

OUTPUTs needed to achieve the outcome

OUTPUT 1

Understand the risk assessment methods and examine the implementations of method in each country or city.

OUTPUT 2

Understand the risk management methods and examine the implementations of method in each country or city.

OUTPUT 3

Understand the risk communication methods and examine the implementations of method in each country or city.

ACTIONS needed to achieve each output

Lecture 1

Seismic Intensity and Faults

Visits & Practices 1

National Research Institute for Earth Science and Disaster Prevention (NIED)

Seismic Ground Motion and Seismic Hazard Maps

Public Work Research Institute (PWRI)

Building Codes and Hazard Maps

Earthquake Mitigation Research Center (EDM)

Lifeline Damages

E-Defense

Lecture 2

Sumatra Earthquake: Tsunami Damage and

Visits & Practices 2

Hyogo Prefecture Disaster Management Bureau

Risk Management Strategies

Kobe Disaster Prevention Information Center

Disasters and Public Health

National Research Institute of Fire and Disaster

Economics of Earthquakes

Disaster Prevention Center, Tokyo
National Disaster Medical Center

Lecture 3

Sharing Disaster Information

Kobe Disaster Prevention Information Center

IT in risk communication and awareness raising

Hyogo Prefecture Disaster Management Bureau

International Cooperation in Managing Disasters

Disaster Prevention Center, Tokyo
Building a disaster-resilient town, Sumida-ku, Tokyo
“Town Walk” in Nagata-ku, Kobe

II. CURRICULUM

OVERALL GOAL/PURPOSE

This course is to learn the basic knowledge of comprehensive strategy for earthquake disaster mitigations for mega-cities in seismic hazardous countries. The course is taught by Japanese and international experts on earthquake disaster mitigations of urban mega-cities in engineering, medicine, science, social science, and other fields. The strategy consists of three approaches; 1) risk assessment techniques needed prior to the earthquake event, 2) risk management techniques required during and after the event, and 3) risk communication techniques to be provided before and after the event. Through the lectures and discussions, implementation methods to each mega-city are to be examined and established considering the available social and technical conditions at each country.

COURSE CONTENTS

Lectures and discussions will be given to learn and understand the basic strategy and approaches necessary for mitigating the earthquake disasters in mega-city environments.

1. Introduction to a comprehensive strategy for earthquake disaster mitigations for mega-cities in seismic hazardous countries
2. Learn about risk assessment techniques such as preparing earthquake hazard maps needed prior to the earthquake event,
3. Learn about risk management techniques such as emergency responses required during and after the event, and
4. Learn about risk communication techniques such as disaster information sharing and disaster preparedness to be provided before and after the event.

The Earthquakes and Mega cities Initiatives (EMI), an international scientific NGO, has collaborated in the development and delivery of this course, with the aim of enabling mega cities from around the world to implement earthquake disaster mitigation schemes taking into consideration the socio-political and technical conditions in their respective countries.

Program/ Details	Schedule	
	Lectures & Discs.	Field Study
Course Orientation	2hr.	
Lectures		
1. Introductions to a comprehensive strategy for earthquake disaster mitigations	4	
2. Risk Assessment Techniques;		
Earthquake Intensity and Fault	4	
Ground Shaking and Seismic Hazard Mapping	4	
Building Code	4	
Lifeline Damages	4	
3. Risk Management Techniques;		
Strategies for Emergency Management	8	
Disaster and Public Health Consequences	8	
Economic Aspects of Earthquake	8	
4. Risk Communication Techniques		
Disaster Information Sharing	4	
IT in risk communication and awareness raising	8	
International Collaborations for Disaster Mitigation	4	
Technical Tours (Visit related organizations & sites around Kobe)		12 hrs.
Study Tours (Visit related organizations & sites in Japan)		7 days
Country Report Presentation		12 hrs

III. REQUIREMENT FOR APPLICATION

Applicants should;

- (1) be nominated by his/her government in accordance with the procedures mentioned in IV below,
- (2) be university graduate or equivalent,
- (3) be a public officer, technical specialist, researcher, engineer or medical staff who presently engaged in practical service of disaster mitigation of urban city,
- (4) have work experience of disaster mitigation field for more than two years,
- (5) be over twenty five(25) and under forty five(45) years of age,
- (6) have sufficient command of spoken and written English,
- (7) be in good health, both physically and mentally,
- (8) not be pregnant,
- (9) not be presently serving in the military.

Attention

Participants are required;

- (1) to abide by the rules and regulations of Japan,
- (2) not to change course subjects or extend course period,
- (3) not to bring any members of their family,
- (4) to return to their respective countries in accordance with their return flight schedule designated by JICA,
- (5) not to conduct any political, profit-seeking nor religious propagation activities,
- (6) to abide by the regulations of Hyogo International Center of JICA and not to change accommodation facilities from those arranged by JICA,
- (7) not to drive motor vehicles nor auto bikes in Japan,

IV. PROCEDURES FOR APPLICATIONS

1. A government desiring to nominate applicants for the course should fill in and forward one (1) original and three (3) copies of the Nomination Form (Form A2A3) for each applicant, to the JICA office (or the Embassy of Japan) **by August 24th, 2007.**
2. JICA office (or the Embassy of Japan) will inform the applying government whether or not the nominee's application has been accepted **no later than September 7th, 2007.**
3. Each applicant should prepare the Country Report (format attached – see Annex) and submit together with the Nomination Form (Form A2A3). **This report should be typewritten in double space English in accordance with the format indicated in Annex. The application not accompanied by a completed Country Report shall not be examined. Your country report should be less than 10 pages including figures (A4 size, double space, typewritten).**

* The participants are expected to make a 20minutes presentation on country report at the beginning of training course. It may be recommended to use PC and the projector for presentation. It is possible to use audio visual aids for presentation. Please bring some photos of recent/major disasters in your country for presentation.

V. OTHER MATTERS

1. Pre-departure orientation is held at JICA overseas offices to provide the selected candidates with details on travel to Japan, conditions of training, and other matters.
Participants will see a video, “TRAINING IN JAPAN”, and will receive a textbook and cassette tape , “SIMPLE CONVERSATION IN JAPANESE”.
A brochure, “GUIDE TO TRAINING IN JAPAN” will be handed to each selected candidate before (or in the time of) the orientation.
2. Participants who have successfully completed the course will be awarded a certificate by JICA.
3. For the promotion of mutual friendship, Hyogo International Centre encourages international exchange between JICA participants and local communities, including school and university students as a part of development education program. JICA participants are expected to contribute by attending such activities and will possibly be asked to make presentations on the society, economy and culture of their home country.
4. There is a computer room in Hyogo International Center where sixteen desk-top computers have the internet access. Each guest room also has the access by LAN cable. It is advisable to bring a laptop computer in order to avoid congestions.

Annex

~Format of the country Report~

on MITIGATION STRATEGY FOR MEGA-URBAN EARTHQUAKE DISASTER

1 Basic Information

1	Name of participant	(First)	(Family)	(Middle)
2	Name of your organization			
3	Name of your professional status			
4	Organization Chart to which you belong to. (Example)	<pre>graph TD; Minister[Minister] --> SecGen[Secretary General]; SecGen --> DirAP["Director of Asian-Pacific"]; SecGen --> DirAfrica["Director of Africa"]; SecGen --> DirSA["Director of South America"]; DirAP --> ChiefAsia["Chief of Asia"]; DirAfrica --> ChiefEA["Chief of East Africa (Myself)"]; DirSA --> ChiefAndes["Chief of Andes Countries"];</pre>		

2 Information regarding the training course

- 1 The present situation of your country and/or the mega cities and the function of your belonging institutions regarding the topic of the training.

- 2 The prime and immediate problems facing your country and your belonging institutions regarding the topic of the training. Also describe your ideas and situations in relation to earthquake disaster mitigations such as;
- i) Past experience, ii) Present situation, iii) Future plan, iv) Others

- 3 The lectures, practice and visits that you would like to expect and wish to have in the training.



CORRESPONDENCE

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

**Hyogo International Center (HIC),
Japan International Cooperation Agency (JICA)**
Address: 1-5-2, Wakinohama-kaigandori, Chuo-Ku
Kobe, Hyogo 651-0073, JAPAN
Tel. : 81(Country Code)-78(Area Code)-261-0341
Fax. : 81(Country Code)-78(Area Code)-261-0342