

North Block, New Delhi-1
Dated the 23rd September 2009

TRAINING CIRCULAR

Subject : A Group Training Course in Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide to be held in Japan from 17/03/2010 to 11/09/2010.

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 Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide to be held in Japan from 17/03/2010 to 11/09/2010. The details of the programme and the application form may be drawn from Ministry of Personnel, Public Grievances and Pensions website (persmin.nic.in).

2. The Program is designed for Organizations involved in volcanic and/or sediment-related disaster prevention/mitigation activities (Sabo works). The course aims to improve Engineers/Researchers capacity and enhance the quality of countermeasures to volcanic and sediment-related disasters in their respective countries.
3. The candidate should be engineers or researchers who are engaged in volcanic observation and/or sediment-related disaster prevention (sabo works); have more than 3 years experience in the above field; be a graduate of university or have an equivalent background; be proficient at written and spoken English; be under 40 years of age; be in good health, both physically and mentally to undergo the training and not be serving in the military.
4. The JICA covers the cost of a round-trip ticket between an international airport designated by JICA and Japan; travel insurance from arrival to departure in Japan; and includes allowances for accommodation, living expenses, outfit and shipping; expenses for study tours; free medical care for participants who may fall ill after reaching Japan (costs related to pre-existing illness, pregnancy, or dental treatment are not included). The participants are not allowed to take any family member during the training course.
5. It is requested that the nomination of the suitable candidates may please be forwarded to this Department in accordance with the eligibility criteria and the terms and conditions of the JICA Circular dated 16th September 2009. The Ministries/ State Governments may sponsor the names of only Government/ Public Sector Undertaking functionary.
6. The nomination details should be submitted in the JICA's prescribed proformas (A2A3 Forms), duly authenticated by the Department concerned alongwith the country report.
7. The applications should reach this Department through proper channel **not later than 10th January 2010**. Nominations received after the prescribed date will not be considered. The circular inviting applications for the above training programme is available on this Department's website persmin.nic.in


(Trishaljit Sethi)
Director

1. M/o Earth Sciences, Mahasagar Bhavan, Block No.12, CGO Complex, Lodhi Road, New Delhi.
2. M/o Home Affairs, North Block, New Delhi.
3. National Disaster Management Authority, NDMA, Bhavan, A-1 Safdarjung Enclave, New Delhi
4. All State Governments/ Union Territories.
5. ✓ Director (Technical), NIC with the request to post the circular along with the JICA's circular and the enclosed application Proformas on the Department's website



S.No. 1(R)

Japan International Cooperation Agency
(Government of Japan)

No 84/GT-CP/2009

16th September, 2009

Dear Mr. R.K. Kharb

A Group Training Course in Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide will be held in Japan from 17th March, 2010 to 11th September, 2010, 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 **22nd January, 2010**:-

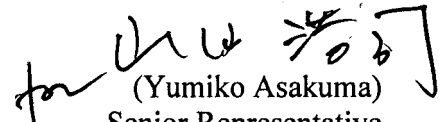
- (1) The Nomination Form A2A3 together with the medical history questionnaire,
- (2) The desired Country Report

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 13 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)
Senior Representative

Encl: As stated above.

Mr. R.K. Kharb
Desk Officer
Department of Personnel and Training
Ministry of Personnel, Public Grievances and Pensions
North Block
New Delhi

60/100/EC/F/09
 C-758/EC/F/09
 22/9/09
 15/10/09
 15/10/09


 22/9
 MGS



TRAINING AND DIALOGUE PROGRAMS

INFORMATION ON THE GROUP TRAINING COURSE

*DISASTER RISK MANAGEMENT TECHNOLOGY ON VOLCANIC
ERUPTION, DEBRIS FLOW AND LANDSLIDE*

**集团研修「火山学・総合土砂災害対策」
JFY 2009**

<Type: Leaders Training / 類型: 中核人材育成型>

NO. J0900804 / ID. 0980876

From March 17, 2010 to September 11, 2010

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

I. Concept

Background

This JICA Group Training Course “Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide” started in 1989 as a commitment by the Government of Japan for the International Decade of Natural Disaster Reduction (IDNDR, 1990-1999), to support and strengthen the level of disaster prevention in developing countries, vulnerable to volcanic/sediment disasters. Since then, until 2009, JICA have received 173 participants from 24 countries, and have greatly contributed to the development of human resources engaged in volcanic observation and/or sediment-related disaster prevention/mitigation activities (Sabo works).

Hyogo Framework for Action 2005-2015 was adopted at the World Conference on Disaster Reduction held in Kobe, Japan on January 2005. The Action identifies to prioritize “assessing and monitoring disaster risks and enhancing early warning”. Monitoring a volcano and sabo works are an essential component of volcanic/sediment disaster early warning system, and thus this Course can be said that it is tied up with the direction of this international framework.

Also, it should be noted that this Course is one of the measures of the **Initiative for Disaster Reduction through ODA** which was launched January 2005 by Ex-Prime Minister Junichiro Koizumi. JICA is moving on to further meet the needs of the world to build-up and strengthen disaster management capacities with affluent experience and know-how of Japan in this field.

For what?

This course aims to improve Engineers/ Researchers’ capacity and enhance the quality of countermeasures to volcanic and sediment-related disasters in their respective countries.

For whom?

This course is offered to the Organizations involved in volcanic and/or sediment-related disaster prevention/mitigation activities (Sabo works).

How?

This course consists of 3 components, i.e. Common Program, Thematic Program (Volcanology or Sabo) and Individual Program. The key component of this Course is the Individual Program. Each participant will conduct 3/4 months individual training/research at University, Volcano Observatory, Institution or Foundation based on interests of the participating personnel and their organization. The theme of the Individual Program will be set by the Needs Clarification Form (see ANNEX 1).

As a result of Individual training/research, each participant will be required to make a final report and present to the Curriculum Committee members (see IV.3).

The Final report will be opened to public on <http://www.sabo-int.org/>.

II. Description

1. Title (J-No.): Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide (J0)

2. Duration of program

March 17, 2010 to September 11, 2010

3. Target Countries

China, Congo Dem. Rep., El Salvador, India, Indonesia, Malaysia, Pakistan, Philippines, Saint Vincent, Turkey and Venezuela

4. Eligible / Target Organization

Organizations involved in volcanic and/or sediment-related disaster prevention/mitigation activities (Sabo works).

5. Total Number of Participants

13 participants

6. Language to be used in this program:

English

7. Program Objective:

Participants of this course are expected to improve their technology on volcanic observation or comprehensive sediment management and be able to enhance their capacity on making countermeasures to the disaster prevention/ mitigation of their countries.

8. Overall Goal

The quality of countermeasures to disaster prevention/mitigation improves in participating countries.

9. Expected Module Output and Contents:

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

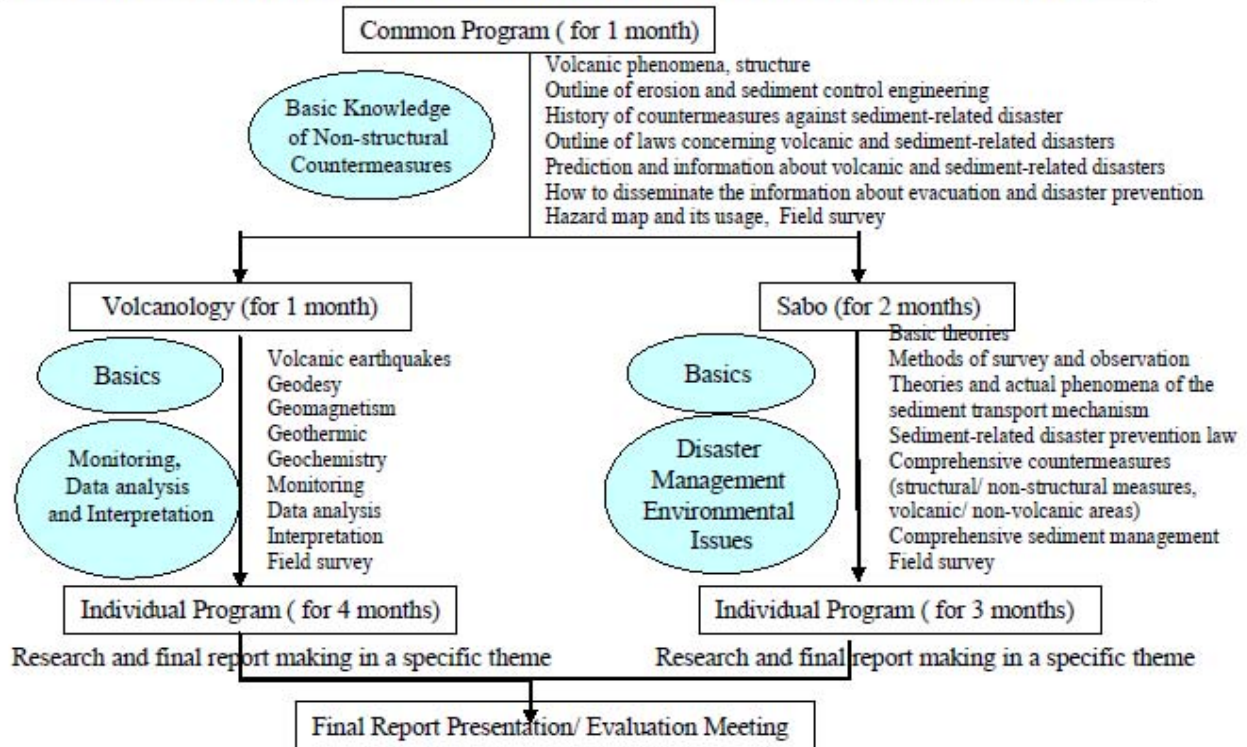
Expected Module Outputs	Subjects/Agendas	Methodology
<p>1. Common Program:</p> <p>to understand and be able to explain:</p> <p>(1) the basic common knowledge of volcanology and erosion & sediment control engineering</p> <p>(2) the administration of disaster management in consideration of inhabitants' participation</p>	<p>(1) basic common knowledge of volcanology and Sabo</p> <p>(2) field inspection</p>	<p>Lecture</p> <p>Field inspection</p>

<p>2-1 Volcanology Course:</p> <p>to understand and be able to explain:</p> <p>(1) basic knowledge of volcanology</p> <p>(2) and to be able to carry out volcano observation, data analysis and interpretation</p>	<p>(1) basic knowledge of volcanology</p> <p>(2) methodology of observation</p>	<p>Lecture</p>
<p>2-2 Sabo Course:</p> <p>to understand and be able to explain:</p> <p>(1) basic knowledge of erosion and sediment control engineering</p> <p>(2) basic mechanism of sediment-related disasters such as debris flow</p> <p>(3) comprehensive sediment-related disaster prevention measures, structural and non-structural measures</p> <p>(4) the environmentally -sound comprehensive sediment management</p>	<p>(1) basic knowledge of Sabo engineering</p> <p>(2) structural measures</p> <p>(3) non-structural measures</p> <p>(4) field inspection</p>	<p>Lecture</p> <p>Field inspection</p>
<p>3. Individual Program for 4 months (Volcanology) or 2.5 months (Sabo):</p> <p>to make a final report as a result of the individual training/ research which theme is set by each interests</p>	<p>Individual training/ research and making a final report.</p>	<p>Individual research/ report making</p>

<Structure of the program>

(1) Concept

To improve participants' technology on Volcanic Observation or Comprehensive Sediment Management and enhance their capacity on making countermeasures to the disaster prevention/mitigation of their countries.



Volcanology



Sabo

(2) Schedule of Training

**Disaster Risk Management Technology on Volcanic Eruption,
Debris Flow and Landslide Course FY2009–Tentative**

March 17, 2010–September 11, 2010

Common Program

2009/7/9

DATE	SUBJECT	INSTRUCTOR	BELONGING
Mar 17(Wed)	Arrival at TIC	JICA	
18(Thu)	Briefing	JICA	
19(Fri)	Program Orientation	JICA	
20(Sat)	Holiday		
22(Mon)	National Holiday		
23(Tue)	Orientation	JICA	
24(Wed)	Orientation	JICA	
25(Thu)	Medical Health Check	JICA	
26(Fri)	Presentation of Country Report Opening Ceremony	JICA JICA, Curriculum Committee	
27(Sat)	Holiday		
28(Sun)			
29(Mon)	Volcanic Phenomena/Products of Volcanic Eruptions	Shigeo ARAMAKI	Prof.Nihon Univ. (Emeritus Prof. Tokyo Univ.)
30(Tue)	Introduction to Sabo Works	Kazuyuki SATO	Director for Volcanic Sabo and Debris Flow Control, MLIT
31(Wed)	Structure of Volcanoes	Setsuya NAKADA	Prof., Univ. of Tokyo
Apr 1(Thu)	Disaster Countermeasures in Japan	Tadaaki IWAO	Deputy Director for Disaster Response Operation, Cabinet Office
2(Fri)	Volcanic Disaster Prediction Volcanic Disaster Information	Yoichi NAKAMURA	Prof., Utsunomiya Univ.
3(Sat)	Holiday		
4(Sun)			
5(Mon)	Volcanic Activities and Sediment-related Disasters	Takashi YAMADA	Associate Prof., Mie Univ.
6(Tue)	Prediction of Sediment-related Disasters and Information Transmission	Yoshiharu ISHIKAWA	Prof.,Tokyo University of Agriculture and Technology
7(Wed)	Exercises in Geomorphology of Volcanoes	Tetsuo KOBAYASHI	Prof., Kagoshima Univ.
8(Thu)			
9(Fri)	Volcanic Eruptions, Risk Management and Emergency Information	Hiromu OKADA	Emeritus Professor, Hokkaido Univ.
	Review and discussion-1	Masaki HIRUMA	Chief of International Affairs Div., Sabo Technical Center
10(Sat)	Holiday		
11(Sun)			
12(Mon) – 16(Fri)	Field Inspection, Unzen and Sakurajima	Fumito WATANABE Hiroshi SHIMIZU Toshiya TAKESHI Masato IGUCHI Tetsuo KOBAYASHI Yukiyoshi TERAMOTO	Chief of Unzen Restoration Project Office, MLIT Prof., Kyushu Univ. Chief of Ohsumi Office of River and National Highway, MLIT Associate Prof., Kyoto Univ. Prof., Kagoshima Univ. Assistant, Kagoshima Univ.
17(Sat)	Holiday		
18(Sun)			
19(Mon)	Education for Disaster Prevention	Michiya IRASAWA	Associate Prof., Iwate Univ.

Volcanology Course

	DATE	SUBJECT	INSTRUCTOR	BELONGING
Apr	20(Tue)	Generation, Ascent and Effusion of Magma/Mechanism of Volcanic Eruptions	Yoshiaki IDA	Emeritus Professor, University of Tokyo
	21(Wed)	Volcanic Eruption Phenomena and Magmatology	Mitsuhiro NAKAGAWA	Prof., Hokkaido Univ.
	22(Thu)	Volcanic Earthquakes and Tremors	Minoru TAKEO	Prof., Univ. of Tokyo
	23(Fri)	Analysis and Interpretation of Volcanic Earthquakes and Tremors	Takao OHMINATO	Associate Prof., Univ. of Tokyo
		Review and discussion-2	Masaki HIRUMA	Chief of International Affairs Div., Sabo Technical
	24(Sat) 25(Sun)	Holiday		
	26(Mon)	Volcanic Ground Deformation	Makoto MURAKAMI	Prof., Hokkaido Univ.
	27(Tue)	Analysis and Interpretation of Volcanic Ground Deformation	Makoto MURAKAMI	Prof., Hokkaido Univ.
	28(Wed)	Geothermal Observation in Volcanoes	Tsuneomi KAGIYAMA	Prof., Kyoto Univ.
	29(Thu)	National Holiday		
30(Fri)	Geomagnetic Studies	Hisashi UTADA	Prof., Tokyo Univ.	
May	1(Sat)	Holiday		
	5(Wed)	National Holiday		
	6(Thu)	Volcanic Fluid	Hiroshi SHINOHARA	Group Leader, Advanced Industrial Science and Technology, AIST
	7(Fri)	Geochemical Observation around Volcanoes	Kenji NOGAMI	Prof. Tokyo Institute of Technology
			Toshiya MORI	Associate Prof., Univ. of Tokyo
	8(Sat) 9(Sun)	Holiday		
	10(Mon)	Geophysical Observation around Volcanoes	Yuichi MORITA	Prof., Univ. of Tokyo
	11(Tue)	Remote Sensing for Active Volcano	Takayuki KANEKO	Res. Associate, Univ. of Tokyo
	12(Wed)	Prediction of Volcanic Eruptions	Hidefumi WATANABE	Prof., Univ. of Tokyo
	13(Thu)	Prediction of Volcanic Eruptions	Setsuya NAKADA	Prof., Univ. of Tokyo
May	14(Fri)	Surveillance of Volcano Activity and Volcano Information	Hitoshi YAMASATO	Head, Third Research Division, JMA
	15(Sat) – 16(Sun)	Holiday		
	17(Mon)	Individual Program: May 17–Sep 3, including following field inspections in group		
	I	Jun 4(Fri)~5(Sat) Field Inspection, Mt. Fuji Volcanic Ejecta	Kunihiko ENDO	Prof., Nihon Univ.
Jiro KOMORI			Lecturer	
I	Jun 7(Mo)~11(Fr) Field Inspection in Hokkaido District with Sabo Engineering Group (Mt. Tokachi, Mt. Usu)	Mitsuhiro NAKAGAWA	Prof., Hokkaido Univ.	
		Hiromu OKADA	Emeritus Professor, Hokkaido Univ.	
		Hitoshi MORI	Assistant, Hokkaido Univ.	
		Tomomi MARUTANI	Prof., Hokkaido Univ.	
		Kaoru NANASAWA	Director, Hokkaido Prefectural Government.	
Sept	3(Fri)			
	4(Sat) 5(Sun)	Holiday		
	6(Mon)	Move to TIC*	JICA	
	7(Tue)	Preparation for Report Presentation	JICA	
	8(Wed)	ditto	JICA	
	9(Thu)	ditto	JICA	
	10(Fri)	Presentation of Final Report, Evaluation and Closing Ceremony	JICA, Curriculum Committee	
	11(Sat)	Back to Home Country		

Sabo Course

	DATE	SUBJECT	INSTRUCTOR	BELONGING
Apr	20(Tue)	Courtesy Call Abnormal Weather at JMA*	Kenji KISHIMOTO Yoichi WASHIO	Forecaster, National Typhoon Center, JMA Section Chief for Disaster Prevention, JMA
	21(Wed)	Applied Hydrology	Yasuhiro SHUIN	Associate Prof., Utsunomiya Univ.
	22(Thu)	Actual Condition of Debris Flow	Takao YAMAKOSHI	Senior Researcher, Volcano and Debris Flow Div., Public Works Research Institute
	23(Fri)	Mechanism of Landslide, Stability Analysis of Landslide Slopes, Observation Method of Movement of Landslide	Kazunori FUJISAWA	Team Leader, Landslide Div., Public Works Research Institute
			Review and discussion-2	Masaki HIRUMA
	24(Sat) 25(Sun)	Holiday		
	26(Mon)	Design of Measures for Landslide at Niigata	Yasuo ISHII	Chief of Snow Avalanche and Landslide Research Center, Public Works Research Institute
			Kiyoteru MARUYAMA	Senior Researcher, Snow Avalanche and Landslide Research Center, Public Works Research Institute
	27(Tue)	Field Inspection of Landslide, at Niigata	Yasuo ISHII	Chief of Snow Avalanche and Landslide Research Center, Public Works Research Institute
			Yukio HIRANO	Chief of Sabo Div. Niigata Pref. Gov.
	28(Wed)		Yukio HIRANO	Chief of Sabo Div. Niigata Pref. Gov.
	29(Thu)	National Holiday		
	30(Fri)	Survey and Observation of Debris-Mud Flow	Takao YAMAKOSHI	Senior Researcher, Volcano and Debris Flow Div., Public Works Research Institute
	May	1(Sat) 5(Wed)	Holiday National Holiday	
6(Thu)		Sediment Transport Hydraulics	Masaharu FUJITA	Prof., Kyoto Univ.
7(Fri)		Mechanism of Debris-Mud Flow	Takuro SUZUKI	Researcher, National Institute for Land and Infrastructure, MLIT
8(Sat) 9(Sun)		Holiday		
10(Mon)		Sabo Planning	Hironao SHIMA	Acting Chief, Sabo Technical Center
11(Tue)		Comprehensive Sediment Management in a Watershed Risk Management	Hideaki MIZUNO	Senior Researcher, National Institute for Land and Infrastructure, MLIT
12(Wed)		Examples of Effective Sabo Facilities	Yoshifumi HARA	Group Leader, Erosion and Sediment Control Research Group, Public Works Research Institute
13(Thu) 14(Fri)		Hydraulic Model Experiment	Yuji HASEGAWA	Researcher, Civil Engineering Research Laboratory
15(Sat) 16(Sun)		Holiday		
17(Mon)		Sabo Basic Plan for Debris flow and Woody Debris	Hideaki MIZUNO	Senior Researcher, Erosion and Sediment Control Div., National Institute for Land and Infrastructure, MLIT
18(Tue)		Design of Sabo Dam	Joji SHIMA	Chief, Technology Development Laboratory, Sabo Technical Center
19(Wed)		Slope Stabilization and Revegetation	Satoshi TSUCHIYA	Prof., Shizuoka Univ.
20(Thu)		Design of Facility Utilizing Greenery / Green Belt	Nobutomo OSANAI	Head, Erosion and Sediment Control Div., National Institute for Land and Infrastructure, MLIT
21(Fri)		Utilization Guidelines for Sabo Soil Cement	Munehiro MATSUI	Director and Head of Sabo Technology Research Institute, Sabo Technical Center
			Review and discussion-3	Masaki HIRUMA
22(Sat) 23(Sun)		Holiday		
24(Mon)		Crisis Management on Sediment-related Disaster	Jun'ichi KURIHARA	Director for Land Conservation Coordination., MLIT
25(Tue)		Important Legislation Systems for Preventing Sediment-related Disaster	Mutsuo KAWAI	Director of Sabo Management Office, MLIT
26(Wed)- 28(Fri)		Field Inspection Nikko/Watarase River	Hideki TANAKA	Chief of Nikko Sabo Office, MLIT
			Yasuhiro SEKINE	Chief of Watarase River Office, MLIT
29(Sat) 30(Sun)	Holiday			

Jun	31(Mon) 1(Tue)	Disaster Information	Hitoshi GODAI	Managing Director, Design Dept., DENSETSU Engineering Co., Ltd.
	2(Wed)	Establishment of Warning and Evacuation Level	Yoshikazu SHIMIZU	Senior Researcher, Erosion and Sediment Control Div, National Institute for Land and Infrastructure, MLIT
	3(Thu) 4(Fri)	Hazard Mapping and its Utilization based on Numerical Simulation of Debris Movements	Shintaro YAMASHITA	General Manager of Sediment Control & Disaster Prevention Dept., Sumiko Consultants, Co., Ltd.
	5(Sat) 6(Sun)	Holiday		
	7(Mon)– 11(Fri)	Field Inspection in Hokkaido District with Volcanology Group (Mt. Tokachi, Mt. Usu)	see Volcanology Course	see Volcanology Course
	12(Sat) 13(Sun)	Holiday		
	14(Mon)	Practical Methods of Survey on Disaster(1)	Tooru TAKAHASHI	Technical Advisor, DIA Consultants Co., Ltd
	15(Tue)	Practical Methods of Survey on Disaster(2)	Tooru TAKAHASHI	Technical Advisor, DIA Consultants Co., Ltd
	16(Wed)	Applicability of Sabo Engineering	Masaki HIRUMA	Chief, Sabo Technical Center
Jun	17(Thu)	Individual Program:Jun,17–Sep,3 including following field inspection in group.		
		Jul 4(Sun)~9(Fr) Field Inspection (Matsumoto, Jinzu, Tateyama)	Seiji ASAI	Tateyama Mountain Area Sabo Office, MLIT
			Shigenori FUJITA	Jinzugawa River Basin Sabo Office, MLIT
		Toshiyasu YOSHIDA	Matsumoto Sabo Office, MLIT	
Sept	3(Fri)			
	4(Sat) 5(Sun)	Holiday		
	6(Mon)	Move to TIC*	JICA	
	7(Tue)	Preparation for Report Presentation	JICA	
	8(Wed)	ditto	JICA	
	9(Thu)	ditto	JICA	
	10(Fri)	Presentation of Final Report, Evaluation and Closing Ceremony	JICA, Curriculum Committee	
	11(Sat)	Back to Home Country		

TIC: Tokyo International Center, Japan International Cooperation Agency

JMA: Japan Meteorological Agency

Note: These contents may be subject to minor changes.

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 operations. Applying organizations are expected to use the Program for those specific purposes.
- (2) In this connection, applying organizations are expected to nominate the most qualified candidates to address the said issues or problems, carefully referring to the qualifications described in section III-2 below.
- (3) Applying organizations are also expected to be prepared to make use of knowledge acquired by the nominees for the said purpose.

2. Nominee Qualifications:

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

(1) Essential Qualifications

- 1) Current Duties: be engineers or researchers who are engaged in volcanic observation and/or sediment-related disaster prevention (Sabo works)
- 2) Educational Background: be a graduate of university or have an equivalent background
- 3) Age: be under forty (40) years of age
- 4) Language: be proficient in spoken and written English.
- 5) Health: must be in good health, both physically and mentally, to undergo the 6 months long program.
- 6) Must not be serving any form of military service.

(2) Recommendable Qualifications

- 1) Experience in the relevant field: have more than 3 years' experience in volcanic observation and/or sediment-related disaster prevention.

3. Required Documents for Application

Note: Applications without any of these 3 items will be out of the selections.

(1) Application Form: The Application Form is available at the respective country's JICA office or the Embassy of Japan.

(2) Needs Clarification Form (see ANNEX 1)

Each applicant is required to prepare a typewritten Needs Clarification Form by him/herself in

accordance with the Instruction of Annex 1.

(3) Country Report (see ANNEX 2)

Each applicant is required to originally write and prepare a typewritten Country Report by him/herself in accordance with the Instruction of ANNEX 2.

4. Procedure for Application and Selection :

(1) Submitting the Application Documents described III-3:

Closing date for application to the JICA Center in JAPAN: **January 22, 2010**

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

(2) Selection:

After receiving the document(s) through due administrative procedures in the respective government, the respective country's JICA office (or Japanese Embassy) shall conduct screenings, and send the documents to the JICA Center in charge in Japan, which organizes this project. Selection shall be made by the JICA Center in consultation with the organizations concerned, including the Curriculum Committee of this Course in Japan based on submitted documents according to qualifications described III-2.

(3) Notice of Acceptance

Notification of results shall be made by the respective country's JICA office (or Embassy of Japan) to the respective Government by **not later than February 1, 2010.**

(4) TV meeting for the accepted applicants:

The accepted applicants would be requested to attend TV meeting at JICA office on **February 26, 2010** in their country before departure to Japan and to explain their Theme or Subject of Individual Program mentioned in 3. of Annexed 1 to the Curriculum Committee members.

5. Conditions for Attendance:

- (1)** to observe the schedule of the program,
- (2)** not to change the program subjects or extend the period of stay in Japan,
- (3)** not to bring any members of their family,
- (4)** to return to their home countries at the end of the program in Japan according to the travel schedule designated by JICA,
- (5)** to refrain from engaging in political activities, or any form of employment for profit or gain,

- (6) to observe the rules and regulations of their place of accommodation and not to change the accommodation designated by JICA, and

IV. Administrative Arrangements

1. Organizer:

- (1) **Name:** JICA Tokyo
 (2) **Contact:** tictad@jica.go.jp

2. Implementing Partner:

- (1) **Name:** Sabo Technical Center (STC)
 (2) **Contact:** Mr. HIRUMA Masaki (kokusai@stc.or.jp)
 (3) **Remark:** Sabo Technical Center (STC) is a juridical body authorized by the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) to implement various activities of disaster prevention, especially caused by debris flow and landslide

3. Curriculum Committee:

Overall planning of this Course, including arrangements for the Individual Program, is fully supported by the Curriculum Committee, which is organized by Japan's leading experts in this field.

Chairperson	Mr. Kazuyuki Sato	Director for Volcanic Sabo and Debris Flow Control, Sabo Planning Div., Sabo Dept., MLIT
Vice-Chairperson	Dr. Hiroyuki Hamaguchi	Emeritus Prof., Tohoku University
Member	Dr. Masato Iguchi	Associate Prof., Volcano Research Center, Disaster Prevention Research Institute Kyoto University
	Dr. Tsuneomi Kagiya	Prof., Aso Volcanological Laboratory, Graduate School of Science, Kyoto University
	Mr. Koichi Kondo	Managing Director, STC
	Dr. Setsuya Nakada	Prof., Volcano Research Center, Earthquake Research Institute, The University of Tokyo
	Dr. Yoshiharu Ishikawa	Prof., Institute of Symbiotic Science and Technology, Tokyo University of Agriculture and Technology
	Dr. Masao Okamoto	Director General, Japan Sabo Association
	Dr. Masakazu Suzuki	Prof., Graduate School of Agriculture and Life Sciences, The University of Tokyo
	Mr. Hideki Terada	Director, Research Center for Disaster Risk Management, National Institute for Land and Infrastructure Management, MLIT
	Dr. Hidefumi Watanabe	Prof., Volcano Research Center, Earthquake Research Institute, The University of Tokyo

4. Travel to Japan:

- (1) **Air Ticket:** The cost of a round-trip ticket between an international airport designated by JICA

and Japan will be borne by JICA.

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

5. Accommodation in Japan:

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

JICA Tokyo International Center (JICA TOKYO)

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

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

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

If there is no vacancy at JICA TOKYO, JICA will arrange alternative accommodations for the participants. Please refer to facility guide of TIC at its URL,

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

*During the Individual Program, JICA will arrange suitable accommodations near the assigned training institutions.

6. Expenses:

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

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

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

7. 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

VI. ANNEX:

1 Needs Clarification Form

2 Instructions for the Preparation on Country Report

Disaster Risk Management Technology on
Volcanic Eruption, Debris Flow and Landslide (JFY 2009)
Needs Clarification Form for individual Program

This Training Course includes 3 or 4 months Individual Program in order to meet each applicant's interests. Individual Program is the key component of this Course. In this sense, applicants are requested to clarify what expertise they want to acquire in this significant opportunity.

Based upon this form, the Curriculum Committee will appoint most appropriate trainer and Organization/Institute for the accepted applicants.

For setting your Theme of the Individual Program, please refer to the 4. **Examples** that were actually submitted in the past.

1 Thematic Program

Please circle the theme you wish to take in the Thematic Program. Also, please be noted that changing the chosen theme will not be allowed during the Course.

Volcanology

Comprehensive Sediment Management (Sabo)

2 Requirement of your organization

Please describe expectation of your organization to this training program, such as issue to be solved and its barriers.

()

3 Individual Program:

Please specifically identify the subject/concept you wish to take up in your Individual Program based on the theme selected above.

()

Also, please provide simple background information for setting your subject/concept.

()

4. Examples

(1) Volcanology

- * Ejecta of the 2004-2006 Vulcanian Eruptions in Galeras Volcano, Colombia
- * Automatic and real time processing for prediction of eruption at Sumeru Volcano by tilt records
- * Remote Sensing and its application to the November 2006 mudslide around Mayon Volcano
- * Characteristics of Harmonic Tremor at Semeru Volcano, East Java, Indonesia

(2) Sabo

- * Numerical Simulation Program for analyzing the effect of Sabo Dam Planning in Jeneberang River Basin and Ado River by Kanako Version 1.01
- * Countermeasures for Debris Flow and Driftwood in Belanting River
- * Hazard Estimation of the possibility sediment related disaster using numerical simulation at Merapi Volcano Yogyakarta
- * Application of some methods for preparing a hazard map for slope failures in Kobe city, Hyogo Prefecture, Japan

TV meeting before your departure to Japan:

You would be requested to attend TV meeting at JICA office on February 26, 2010 in your country before departure to Japan and to explain your theme or subject of Individual Program mentioned in 3 of Annex 1 to the Curriculum Committee members.

Upon your explanation above, you could clarify what data and information are necessary to prepare to make a final report.

TV meeting's date and venue would be informed only for the accepted applicants by JICA office.

In case there are no JICA office in your country, those exchange of information would be made by e-mail.

Disaster Risk Management Technology on
Volcanic Eruption, Debris Flow and Landslide **(JFY 2009)**

Country Report

- (1) This report should be typewritten in double space on A4 size paper and 10-15 pages in length including charts and figures.
- (2) This report should be submitted together with the Nomination Form.
- (3) The content of this report should cover the following topics:
 - Introduction (Name, Country, Organization, Position/Title)
 - Organization chart specifying department/section that they belong
 - Description of duty.
 - Present conditions of the relevant field in respective countries.
 - Description of volcanic and/or debris flow and/or landslide hazards, and countermeasures in respective countries. (3-5 pages)

NOTE:

Those who have been accepted to participate in the Training Course will make presentation of their Country Reports at the beginning of training program. For this purpose, participants are highly recommended to bring visual materials for their presentation, i.e. Power Points, etc.

Also, participants should bring maps of the relevant areas and necessary data (ex. observation data, etc.) of the country for the individual program.

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 Tokyo International Center (JICA TOKYO)
Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan
TEL: +81-3-3485-7051 FAX: +81-3-3485-7904

Guidelines of Application Form for the JICA Training and Dialogue Program

The attached form is to be used to apply for the training and dialogue programs of the Japan International Cooperation Agency (JICA), which are implemented as part of the Official Development Assistance Program of the Government of Japan. Please complete the application form while referring to the following and consult with the respective country's JICA Office - or the Embassy of Japan if the former is not available - in your country for further information.

1. Parts of Application Form to be completed

1) Which part of the form should be submitted?

It depends on the type of training and dialogue program you are applying for.

>Application for Group and Region Focused Training Program

Official application and Parts A and B must be submitted.

>>Application for Country Focused Training Program including Counterpart Training Program

Part B will be submitted. Official application and Part A need not to be submitted

2) How many parts does the Application Form consist of?

The Application Form consists of three parts as follows;

Official Application

This part is to be confirmed and signed by the head of the relevant department/division of the organization which is applying.

Part A. Information on the Applying Organization

This part is to be confirmed by the head of the relevant department/division of the organization which is applying.

Part B. Information About the Nominee

This part is to be completed by the person who is nominated by the organization applying.

The applicants for Group and Region Focused Training Program are required to fill in every item. As for the applications for Country Focused Training Program including Counterpart Training Program and some specified International Dialogue Programs, it is required to fill in the designated “**required**” items as is shown on the Form.

Please refer to the General Information to find out which type the training and dialogue program that your organization applies for belongs to.

2. How to complete the Application Form

In completing the application form, please be advised to:

- (a) carefully read the General Information (GI) for which you intend to apply, and confirm if the objectives and contents are relevant to yours,
- (b) be sure to write in the title name of the course/seminar/workshop/project accurately according to the GI, which you intend to apply,
- (c) use a typewriter/personal computer in completing the form, of which the electronic

version is available on the web site: <http://www.jica.go.jp/> _____, or write in **block letters**,

- (d) fill in the form in **English**,
- (e) use or “x” to fill in the () check boxes,
- (f) attach a picture of the Nominee,
- (g) attach additional page(s) if there is insufficient space on the form,
- (h) prepare the necessary document(s) described in the General Information (GI), and attach it (them) to the form,
- (i) confirm the application procedure stipulated by your government, and
- (j) submit the original application form with the necessary document(s) to the responsible organization of your government according to the application procedure.

Any information that is acquired through the activities of the Japan International Cooperation Agency (JICA), such as the nominee’s name, educational record, and medical history, shall be properly handled in view of the importance of safeguarding personal information.

3. Privacy Policy

1) Scope of Use

Any information used for identifying individuals that is acquired by JICA will be stored, used, or analyzed only within the scope of JICA activities. JICA reserves the right to use such identifying information and other materials in accordance with the provisions of this privacy policy.

2) Limitations on Use and Provision

JICA shall never intentionally provide information that can be used to identify individuals to any third party, with the following three exceptions:

- (a) In cases of legally mandated disclosure requests;
- (b) In cases in which the provider of information grants permission for its disclosure to a third party;
- (c) In cases in which JICA commissions a party to process the information collected; the information provided will be within the scope of the commissioned tasks.

3) Security Notice

JICA takes measures required to prevent leakage, loss, or destruction of acquired information, and to otherwise properly manage such information.

Application Form for the JICA Training and Dialogue Program

OFFICIAL APPLICATION

(to be confirmed and signed by the head of the relevant department / division of the applying organization)

1. Title: (Please write down as shown in the General Information)

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2. Number: (Please write down as shown in the General Information)

J	0		-					
---	---	--	---	--	--	--	--	--

3. Country Name:

--

4. Name of Applying Organization:

--

5. Name of the Nominee(s):

1)	3)
2)	4)

Our organization hereby applies for the training and dialogue program of the Japan International Cooperation Agency and proposes to dispatch qualified nominees to participate in the programs.

Date:		Signature:	
Name:			
Designation / Position			Official Stamp
Department / Division			
Office Address and Contact Information	Address:		
	Telephone:	Fax:	E-mail:

Confirmation by the organization in charge (if necessary)

I have examined the documents in this form and found them true. Accordingly I agree to nominate this person(s) on behalf of our government.

Date:		Signature:	
Name:			
Designation / Position			Official Stamp
Department / Division			

Part A: Information on the Applying Organization

(to be confirmed by the head of the department / division)

1. Profile of Organization

1) Name of Organization:

2) The mission of the Organization and the Department / Division:

2. Purpose of Application

1) Current Issues: Describe the reasons for your organization claiming the need to participate in the training and dialogue program, with reference to issues or problems to be addressed.

2) Objective: Describe what your organization intends to achieve by participating in the training and dialogue program.

3) Future Plan of Actions: Describe how your organization shall make use of the expected achievements, in addressing the said issues or problems.

4) Selection of the Nominee: Describe the reason(s) the nominee has been selected for the said purpose, referring to the following view points; 1) Course requirement, 2) Capacity /Position, 3) Plans for the candidate after the training and dialogue program, 4) Plan of organization and 5) Others.

Part B: Information about the Nominee

(to be completed by the Nominee)

NOTE>>>The applicants for Group and Region Focused Training Program are required to fill in "Every Item". As for the applications for Country Focused Training Program including Counterpart Training Program and some specified International Dialogue Programs, it is required to fill in the designated "required" items as is shown below.

1. Title: (Please write down as shown in the General Information) **(required)**

2. Number: (Please write down as shown in the General Information) **(required)**

J	0		-						
---	---	--	---	--	--	--	--	--	--

Attach the nominee's photograph (taken within the last three months) here
Size: 4x6
(Attach to the documents to be submitted.)

3. Information about the Nominee(nos. 1-9 are all required)

1) Name of Nominee (as in the passport)

Family Name

First Name

Middle Name

2) Nationality (as shown in the passport)		5) Date of Birth (please write out the month in English as in "April")				
3) Sex	() Male	() Female	Date	Month	Year	Age
4) Religion						

6) Present Position and Current Duties

Organization							
Department / Division							
Present Position							
Date of employment by the present organization	Date	Month	Year	Date of assignment to the present position	Date	Month	Year

7) Type of Organization

<input type="checkbox"/> National Governmental	<input type="checkbox"/> Local Governmental	<input type="checkbox"/> Public Enterprise
<input type="checkbox"/> Private (profit)	<input type="checkbox"/> NGO/Private (Non-profit)	<input type="checkbox"/> University
<input type="checkbox"/> Other ()		

8) Outline of duties: Describe your current duties

9) Contact Information

Office	Address:	
	TEL:	Mobile (Cell Phone):
	FAX:	E-mail:
Home	Address:	
	TEL:	Mobile (Cell Phone):
	FAX:	E-mail:
Contact person in emergency	Name:	
	Relationship to you:	
	Address:	
	TEL:	Mobile (Cell Phone):
	FAX:	E-mail:

10) Others (if necessary)

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4. Career Record

1) Job Record (After graduation)

Organization	City/ Country	Period		Position or Title	Brief Job Description
		From Month/Year	To Month/Year		

2) Educational Record (Higher Education)(required)

Institution	City/ Country	Period		Degree obtained	Major
		From Month/Year	To Month/Year		

3) Training or Study in Foreign Countries; please write your past visits to Japan specifically as much as possible, if any.

Institution	City/ Country	Period		Field of Study / Program Title
		From Month/Year	To Month/Year	

5. Language Proficiency (required)

1) Language to be used in the program (as in GI)					
Listening	() Excellent	() Good	() Fair	() Poor	
Speaking	() Excellent	() Good	() Fair	() Poor	
Reading	() Excellent	() Good	() Fair	() Poor	
Writing	() Excellent	() Good	() Fair	() Poor	
Certificate (Examples: TOEFL, TOEIC)					
2) Mother Tongue					
3) Other languages ()		() Excellent	() Good	() Fair	() Poor

¹ Excellent: Refined fluency skills and topic-controlled discussions, debates & presentations. Formulates strategies to deal with various essay types, including narrative, comparison, cause-effect & argumentative essays.

¹ Good: Conversational accuracy & fluency in a wide range of situations: discussions, short presentations & interviews. Compound complex sentences. Extended essay formation.

¹ Fair: Broader range of language related to expressing opinions, giving advice, making suggestions. Limited compound and complex sentences & expanded paragraph formation.

¹ Poor: Simple conversation level, such as self-introduction, brief question & answer using the present and past tenses.

6. Expectation on the applied training and dialogue program

1) **Personal Goal:** Describe what you intend to achieve in the applied training and dialogue program in relation to the organizational purpose described in Part A-2.

--

2) **Relevant Experience:** Describe your previous vocational experiences which are highly relevant in the themes of the applied training and dialogue program. (required)

--

3) **Area of Interest:** Describe your subject of particular interest with reference to the contents of the applied training and dialogue program. (required)

--

*7. Declaration (to be signed by the Nominee) (required)

I certify that the statements I made in this form are true and correct to the best of my knowledge.

If accepted for the program, I agree:

- (a) not to bring or invite any member of my family (except for the program whose period is one year or more),
- (b) to carry out such instructions and abide by such conditions as may be stipulated by both the nominating government and the Japanese Government regarding the program,
- (c) to follow the program, and abide by the rules of the institution or establishment that implements the program,
- (d) to refrain from engaging in political activity or any form of employment for profit or gain,
- (e) to return to my home country at the end of the activities in Japan on the designated flight schedule arranged by JICA,
- (f) to discontinue the program if JICA and the applying organization agree on any reason for such discontinuation.
- (g) to consent to waive exercise of my copyright holder's rights for documents or products that are produced during the course of the project, against duplication and/or translation by JICA, as long as they are used for the purposes of the program.

Date:	Signature:
	Print Name:

MEDICAL HISTORY AND EXAMINATION

1. Present Status

(a) Do you currently use any drugs for the treatment of a medical condition? (Give name & dosage.)

() No	() Yes >> Name of Medication (_____), Quantity (_____)
--------	---

(b) Are you pregnant?

() No	() Yes (_____ months)
--------	--------------------------

(c) Are you allergic to any medication or food?

() No	() Yes >>> () Medication	() Food	() Other:
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(d) Please indicate any needs arising from disabilities that might necessitate additional support or facilities.

(_____)
<i>Note: Disability does not lead to exclusion of persons with disability from the program. However, upon the situation, you may be directly inquired by the JICA official in charge for a more detailed account of your condition.</i>

2. Medical History

(a) Have you had any significant or serious illness? (If hospitalized, give place & dates.)

Past:	() No	() Yes >> Name of illness (_____), Place & dates (_____)
Present:	() No	() Yes >> Present Condition (_____)

(b) Have you ever been a patient in a mental hospital or been treated by a psychiatrist?

Past:	() No	() Yes >> Name of illness (_____), Place & dates (_____)
Present:	() No	() Yes >> Present Condition (_____)

(c) High blood pressure

Past:	() No	() Yes
Present:	() No	() Yes >> Present Condition (_____) mm/Hg to (_____) mm/Hg

(d) Diabetes (sugar in the urine)

Past:	() No	() Yes
Present:	() No	(_____) Yes >> Present Condition (_____)
Are you taking any medicine or insulin?		() No () Yes

(e) Past History: What illness(es) have you had previously?

() Stomach and Intestinal Disorder	() Liver Disease	() Heart Disease	() Kidney Disease
() Tuberculosis	() Asthma	() Thyroid Problem	
() Infectious Disease >>> Specify name of illness (_____)			
() Other >>> Specify (_____)			

(e') Has this disease been cured?

() Yes	() No (Specify name of illness)
	Present Condition: (_____)



3. Other: Any restrictions on food and behavior due to health or religious reasons?

--

I certify that I have read the above instructions and answered all questions truthfully and completely to the best of my knowledge.

I understand and accept that medical conditions resulting from an undisclosed pre-existing condition may not be financially compensated by JICA and may result in termination of the program.

Date:	Signature:
	Print Name: