

III PROGRAM

October 16 (Sun)

Arrival in Japan

Accommodation: Okura Frontier Hotel Tsukuba
1-1364-1, Azuma, Tsukuba, Ibaraki, 305-0031, Japan
TEL. +81-29-852-1112, FAX +81-29-852-5623

October 17 (Mon)

Venue: NILIM

Morning	JICA Orientation
13:00-13:30	Opening Ceremony of "The 14th Conference on Public Works Research and Development in Asia"
13:30-14:00	Summary on NILIM
14:00-17:00	Observation Tour
14:30-15:00	1986 Kokai River Embankment Destruction Part
15:30-16:00	Kokai River Hakoijima Retarding Basin
	Shimodate River Office, Kanto Regional Development Bureau, Ministry of Land, Infrastructure and Transport (MLIT)
18:00-19:30	Welcome Party (Venue: Jupiter-East Room, 3F, Okura Frontier Hotel Tsukuba)
	Host NILIM Director General
	Guests Director General of Geographical Survey Institute Chief Executive of Public Works Research Institute Chief Executive of Building Research Institute Director General of JICA Tsukuba

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October 18 (Tue)

Venue: 8F International Conference Room, NILIM

10:00-12:00	Keynote Lecture "Disaster Mitigation Perspective – From Engineering to Citizen's Participation" Dr. Yujiro OGAWA Professor, College of Environment and Disaster Research, Fuji Tokoha University <i>Disaster Mitigation by Civil Engineering Approach have played great roll to save human lives from past disasters. Adding to this approach Citizen's Participation Approach will become much important in future by citizen's capacity building such as identifying regional risks and autonomous actions to be taken in disasters.</i>
12:00-13:00	Lunch
13:00-15:00	Tour of Research Laboratories in NILIM & RWRI
13:05-13:35	UNESCO-PWRI Centre & Current Meter Calibration Channel
13:40-14:00	River Model Test Yard
14:05-14:25	Coastal Hydraulics Laboratory
14:30-15:00	Smart Communication & Advanced Cruise-assist Highway Systems
15:15-17:00	Individual Studies (Preparations for the presentation on Oct.19)

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Secretary: Mr. Yoshito KIKUMORI
Senior Researcher, River Division,
River Dept. NILIM

12:00-13:00	Lunch
13:00-15:00	Session on Risk Management and Mitigation for Sediment-related Disasters
13:00-13:20	<p>Lecture "Procedure for Setting Area for Restriction on Land Use in order to Reduce Risk due to Sediment-related Disasters"</p> <p>Dr. Hideaki MIZUNO Senior Researcher, Erosion and Sediment Control Division, Research Center for Disaster Risk Management, NILIM</p> <p><i>Restriction on land use is one of measures to reduce risk due to sediment-related disasters. The lecturer is going to give an explanation on the method for setting area, where land use is limited.</i></p>
13:20-13:40	<p>Lecture "Development of Warning and Evacuation System against Sediment-related Disasters"</p> <p>Mr. Nobutomo OSANAI Head, Erosion and Sediment Control Division, Research Center for Disaster Risk Management, NILIM</p> <p><i>With respect to the development of a warning and evacuation system against sediment-related disasters, it is well known that sediment-related information plays a very important role in realizing a timely warning and a speedy evacuation. To best utilize this kind of information, a risk management system should be established first that enables a quick grasp of the actual damage conditions and a swift collection/delivery/transmission of disaster-related information.</i></p> <p><i>In this lecture, we introduce the basic method of setting of standard rainfalls for warning and evacuation which is commonly adopted in Japan. This method is intended to forecast the occurrence of a debris flow using rainfall indexes which are obtained by combining a rainfall intensity and a total rainfall.</i></p>
13:40-14:00	<p>Lecture "Debris Flows Detection Sensors"</p> <p>Mr. Jun'ichi KURIHARA Team Leader, Volcano and Debris Flow Research Team, Erosion and Sediment Control Research Group, Public Works Research Institute</p> <p><i>It is important to establish warning and evacuation system to protect people's lives from debris flow disasters. In Japan, many types detection sensors have been installed such as wire sensors. In this paper, sensors which are used in Japan will be presented, and it will be introduced to establish the</i></p>

objective trigger level setting method of vibration sensor.

14:00-14:20 Lecture "Development of the Landslide Displacement Detection Sensor Using Optical Fiber"
Mr. Kazunori FUJISAWA
Team Leader, Landslide Research Team,
Erosion and Sediment Control Research Group,
Public Works Research Institute

14:20-15:00 General Discussion
Chairman: Dr. Hideaki MIZUNO
Senior Researcher,
Erosion and Sediment Control Division,
Research Center for Disaster Risk
Management, NILIM
Secretary: Mr. Taro UCHIDA
Researcher,
Erosion and Sediment Control Division,
Research Center for Disaster Risk
Management, NILIM

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October 21 (Fri) Venue: 8F International Conference Room, NILIM, and MLIT

09:00-12:00 Special Session on Flood Forecasting and Warning
09:00-12:00 Discussion on Flood Forecasting and Warning
Chairman: Mr. Junichi YOSHITANI
Team Leader,
Risk Management Research Team,
Secretariat for Preparatory Activities of
UNESCO-PWRI Centre,
Public Works Research Institute
Secretary: Dr. Merabtene TAREK
Specialist,
Risk Management Research Team,
Secretariat for Preparatory Activities of
UNESCO-PWRI Centre,
Public Works Research Institute
This session is organized to initiate active collaboration platform to share good practices and discuss future visions on research and development in flood mitigation and risk management.

12:00-13:30 Lunch
13:30-16:00 Move to Tokyo
16:30-17:00 Courtesy Call to the Minister of Land, Infrastructure and Transport
(at Ministry of Land, Infrastructure and Transport: MLIT)

Accommodations: Hotel Century Southern Tower (Shibuya)
2-2-1 Yoyogi, Shibuya-ku, Tokyo 151-8583 Japan
TEL. +81-3-5354-0111, FAX: 81-3-5354-0100

October 22 (Sat) Day Off

Accommodations: Hotel Century Southern Tower (Shibuya)

2-2-1 Yoyogi, Shibuya-ku, Tokyo 151-8583 Japan
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October 23 (Sun)

Day Off

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October 24 (Mon)

Tokyo& Kanagawa Area observation sites

08:30-09:15	Move from Hotel
09:15-10:00	Kanda River/Loop 7 Underground Regulation Pond Works
10:00-11:00	Move
11:00-11:45	Tsurumi River Multipurpose Retarding Basin
11:45-12:15	Move
12:15-13:30	Lunch
13:30-14:00	Move
14:00-14:30	Slope Failure Prevention Works in Yokohama
14:30-15:30	Move
15:30-16:40	NILIM Yokosuka Office & Port and Airport Research Institute
15:30-15:45	Large Hydro-Geo Flume
15:45-16:00	Intelligent Wave Basin for Maritime Environments
16:05-16:20	Airplane Loading Test Systems
16:40-18:30	Move to Hotel

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October 25 (Tue)

Venue: JICA Headquarters

10:00-12:00	Lecture "The World Water Forum" Mr. Hideaki ODA Secretary General, Japan Water Forum <i>Water problems in the world and international measure situations such as a world water forum for solving them are explained.</i>
12:00-15:00	Lunch & Move to Tokyo Station
15:16-17:47	Leaving from Tokyo Station to Ichinoseki Station by JR Train YAMABIKO No.57
18:00	Arrival at Hotel

Accommodations: Kura Hotel Ichinoseki
2-1 Otemachi Ichinoseki Iwate 021-0864, Japan
TEL. +81-191-31-1111, FAX +81-191-31-1112

October 26 (Wed)

Tour in Tohoku District

08:30	Hotel Departure
08:30-09:20	Move
09:20-09:40	Ishibuchi Dam
09:45-10:35	Isawa Dam
10:40-11:20	Move
11:20-12:20	Chusonji-Temple
12:20-13:10	Move/Lunch
13:10-14:30	Ichinoseki Retarding Basin
14:30-15:05	Move
15:05-16:00	Satetsu-River Disaster Restoration Site

16:00-17:30 Move to Hotel

Accommodations: Hotel JAL City Sendai
1-2-12 Kakyoin, Aoba-ku, Sendai-shi, Miyagi 980-0013, Japan
TEL. +81-22-711-2580, FAX +81-22-221-5533

October 27 (Thu)

Venue: Sendai International Center

**The 14th International Symposium
on National Land Development and Civil Engineering in Asia
“Flood, Sediment and Tsunami Related Disasters in Asia”**

(M.C.: Mr. Kiyoshi MINAMI, Research Coordinator for Evaluation
Planning and Research Administration Dept., NILIM)

(13:00-13:10 Group Photo only for persons concerned)

13:10-13:20 Opening Address Mr. Tsuneyoshi MOCHIZUKI
Director General, NILIM

Address Mr. Masato SEIJI
Vice Minister for Engineering Affairs,
Ministry of Land, Infrastructure and Transport
Address Representative of Overseas Participants

13:20- 14:20 Keynote Speech “Global Disaster – Lessons from the 2004
Sumatora Earthquake and Indian Ocean Tsunami”

Prof. Fumihiko IMAMURA
Professor, Disaster Control Research Center, Graduate
School of Engineering, TOHOKU UNIVERSITY

*The earthquake of M9.0 took place on December 26, 2004,
followed by the oceanic tsunami affecting all coast in the
Indian Ocean. The number of casualties in the ocean
exceeds 200,000. We carried out the field survey and
numerical analysis to clarify the mechanism of the source
and damage in the suffered areas. The video and satellite
information are also compiled to have the lesson*

14:20-14:30 Case of Japan
Mr. Tsuneyoshi MOCHIZUKI
Director General, NILIM

14:30-14:45 Case of Tohoku District
Mr. Masaharu SHINOHARA
Director, River Department, Tohoku Regional Bureau

14:45-15:00 Case of Korea
Dr. Chang Wan KIM
Research Fellow, Korea Institute of Construction Technology

15:00-15:15 Setting up the International Centre for Water Hazard and Risk
Management (ICHARM) under the auspices of UNESCO

Mr. Akira TERAOKA
Director, Secretariat for Preparatory Activities of
UNESCO-PWRI Centre, Public Works Research Institute

15:15-15:35 Break

15:35-16:55 Panel Discussion

(M.C.:Mr. Ryosuke TSUNAKI, Director, Research Center for
Disaster Risk Management)

(PANELISTS)

1. Prof. Fumihiko IMAMURA

Professor, Disaster Control Research Center,
Graduate School of Engineering, TOHOKU
UNIVERSITY

2. Mr. Tsuneyoshi MOCHIZUKI	Director General, NILIM
3. Mr. Masaharu SHINOHARA	Director, River Department, Tohoku Regional Bureau, MLIT
4. Dr. Bunna YIT	Director, Public Works Research Center, Ministry of Public Works and Transport, Kingdom of Cambodia
5. Mr. Janak Jerambhai SIYANI	Chief Engineer (R&B) & Add Secretary, Roads & Buildings Department, Government of Gujarat, India
6. Dr. Chang Wan KIM	Research Fellow, Water Resources Research Department, Korea Institute of Construction Technology, Republic of Korea
7. Mr. Keophilavanh APHAYLATH	Director General, Urban Research Institute, Ministry of Communication, Transport, Post and Construction, Lao People's Democratic Republic
8. Ms. Rebecca Trazo GARSUTA	Chief, Development Planning Div. Planning Service, Dept. of Public Works and Highways (DPWH), Republic of the Philippines
9. Mr. Akkapong BOONMASH	Director, Improvement and Maintenance Division, Office of Hydrology and Water Management, Royal Irrigation Department, Ministry of Agriculture and Cooperatives, Kingdom of Thailand
10. Mr. NGUYEN Xuan Hien	Deputy Director, Sub-Institute for Water Resources Planning (SIWRP), Ministry of Agriculture and Rural Development, Socialist Republic of Viet Nam
16:55-17:00	Closing Address Mr. Norio MORINAGA Director General, Tohoku Regional Bureau, MLIT

17:30-19:00	Reception Host	Vice Minister for Engineering Affairs, MLIT
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October 28 (Fri)		Venue: Hotel JAL City Sendai
09:30-10:30	General Discussion	
	Chair: Mr. Tsuneyoshi MOCHIZUKI, Director General, NILIM	
10:30-11:00	Closing Ceremony of "The 14th Conference on Public Works Research and Development in Asia"	
11:00-11:30	Break	
11:30-12:30	JICA Evaluation	
13:30	Move to Tokyo	

Accommodations: JICA Tokyo

October 29 (Sat)	Return to Home Country
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