

A. PROGRAM

I. Program

1. Schedule of the Conference

- Oct. 14 (Mon) : Arrive in Japan (Tsukuba)
- 15 (Tue) : JICA Orientation (Tsukuba)
Courtesy Call on Director-General of NILIM
Tour of Research Laboratories of NILIM
- 16 (Wed) : The 5th Executives' Seminar on Public Works and Management (Tsukuba)
Lectures
Session on Specific Subjects
- 17 (Thu) : Session on Subject of Common Interest (Tsukuba)
- 18 (Fri) : Session on Specific Subjects (Tokyo)
Courtesy call on State Secretary for Land, Infrastructure and Transport
Study Tour
- 19 (Sat) : Move (Tokyo → Kyoto) (Kyoto)
Study Tour
- 20 (Sun) : Study Tour (Kyoto)
- 21 (Mon) : Study Tour (Okinawa)
Move (Kyoto → Okinawa)
- 22 (Tue) : The 11th Conference on Public Works Research and (Okinawa)
Development in Asia
- Opening Ceremony
- The 11th International Symposium on National Land Development
and Civil Engineering in Asia
- Welcome Reception
- 23 (Wed) : Study Tour (Okinawa)
- 24 (Thu) : Concluding Session (Okinawa)
General Discussion
JICA Evaluation
Preparation for Leaving
- 25 (Fri) : Leave Japan

2. Session Program of the Conference

October 14 (Mon.) **Arrive in Japan**

Stay at Okura Frontier Hotel Tsukuba

TEL. 0298-52-1112 FAX 0298-52-5623

October 15 (Tue.) **Place : NILIM**

In the morning	JICA Orientation
13:30 ~ 14:00	Pre-Conference Meeting
14:00 ~ 15:00	Courtesy Call on Director-General of NILIM
15:00 ~ 17:00	Tour of Research Laboratories of NILIM
	① River hydraulics laboratory
	② Coastal hydraulics laboratory
	③ Sabo model(Exhibition hall)
	④ Road environmental field(Test track)
	⑤ Test track
17:00	Lv. NILIM for Hotel
18:00 ~	Welcome Party hosted by Director-General of NILIM (at the Subaru Room, Okura Frontier Hotel Tsukuba) Director-General of GSI, Executives of PWRI, Managing Director of TBIC, etc.

Stay at Okura Frontier Hotel Tsukuba

TEL. 0298-52-1112 FAX 0298-52-5623

October 16 (Wed.) **Place : 8F International Conference Room, NILIM**

9:30 ~ 11:00	Lecture "Hydrology and Water Resources in Monsoon Asia" Lecturer : Dr. Katumi MUSIAKE President, Japan Society of Hydrology and Water Resources Department of Human and Society, Institute of Industrial Science, University of Tokyo
11:00 ~ 12:00	Lecture "Flood and Sediment-related Disasters in Japan" Lecturer : Mr. Yasuo NAKANO Director Research Center for Disaster Risk Management, NILIM
12:00 ~ 13:00	Lunch
13:00 ~ 13:30	"First International Conference on Hydrology and Water Resources in the Asia Pacific Region" Speaker : Mr. Satoru KONDO Director of the River Department, NILIM
13:30 ~ 16:30	Discussion on Specific Subjects I ① Flood Control and Water Resources Management (R 524)

(India, Indonesia, Laos, Philippines, Thailand)
River Div., Water Management and Dam Div.
Erosion and Sediment Control Div.
Flood Disaster Prevention Div.
Dam Hydraulic Engineering Research Team

② Water Quality (Malaysia, Sri Lanka) (R 532)
River Environment Div.
Wastewater System Div.
Water Quality Research Team

③ Groundwater (Pakistan) (R 730)
Hydrologic Engineering Research Team

16:30 ~ 17:00 Adjustment of the Minutes of Specific Subjects I

Stay at Okura Frontier Hotel Tsukuba

TEL. 0298-52-1112 FAX 0298-52-5623

October 17 (Thu.) : Place : 8F International Conference Room, NILIM

9:30 ~ 9:45 Report of the Previous Conferences
by Mr. Takeo NAKAJIMA,
Director of Planning and Research Administration Dept., NILIM

9:45 ~ 16:30 Session on Subject of Common Interest
"Water Resources and River Management for Sustainable
Development"
[Chairman: Mr. Satoru Kondo, Director of the River Department, NILIM]

9:45 ~ 10:30 JAPAN Mr. Haruhiko OKUNO

10:30 ~ 10:45 Break

10:45 ~ 11:15 INDIA Mr. Kaushal Narayan AGRAWAL

11:15 ~ 11:45 INDONESIA Mr. Djoko MURJANTO

11:45 ~ 13:15 Lunch

13:15 ~ 13:45 LAOS Mr. Viengsavath SIPHANDONE

13:45 ~ 14:15 MALAYSIA Mr. MOBARAK Bin Hussein

14:15 ~ 14:45 PAKISTAN Mr. Zubair Emran KHAWAJA

14:45 ~ 15:00 Break

15:00 ~ 15:30 PHILIPPINES Ms. Sofia Torio SANTIAGO

15:30 ~ 16:00 SRI LANKA Mr. Piyankarage DAYANANDA

16:00 ~ 16:30 THAILAND Mr. Jirachai SUTHASSANAJINDA

16:30 ~ 17:00 Pre-Conference Meeting for the Symposium on October 22

Stay at Okura Frontier Hotel Tsukuba

TEL. 0298-52-1112 FAX 0298-52-5623

October 18 (Fri.) **Place : NILIM**

- 9:30 ~ 12:00 Discussion on Specific Subjects II
- ① Roads, Pavement, Traffic Management and Safety, (R PWRI)
(India, Indonesia, Laos, Pakistan, Sri Lanka)
Road Environment Div., NILIM
Road Department, NILIM
Road Technology Research Group, PWRI
 - ② Volcanic Disaster, Erosion Control & Debris Flow (R 730)
(Philippines, Malaysia, Thailand)
Erosion and Sediment Control Div., NILIM
Volcano and Debris Flow Research Team, PWRI
- 12:00 ~ 12:50 Lunch
- 12:50 ~ 15:30 Move
- 16:00 ~ 16:30 Courtesy call on State Secretary for Land, Infrastructure and Transport
- 16:30 ~ 18:00 Visit to downtown Tokyo

Stay at Yaesu Fujiya Hotel (Tokyo)

TEL. 03-3273-2111 FAX 03-3273-2180

October 19 (Sat.) : Study Tour

- 9:00 Leave Hotel
- 9:37 Move to Kyoto: by Shinkansen Hikari 211
Visit to Biwako Construction Office
- 18:00 Arrive at Hotel

Stay at Hotel Brighton City Yamashina (Kyoto)

TEL. 075-502-1111 FAX 075-502-1090

October 20 (Sun.) : Study Tour

- 10:00 Leave Hotel
Lake Biwa Canal Museum of Kyoto, Incline, Kamo River, etc.

14:00 JTB Tour
18:00 Arrive at Hotel

Stay at Hotel Brighton City Yamashina (Kyoto)
TEL. 075-502-1111 FAX 075-502-1090

October 21 (Mon.) : Study Tour

8:20 Leave Hotel
10:30 Visit Sayama Pond (Constructed in early 7th century)
14:10 Leave Kansai Airport (ANA 495)
16:10 Arrive at Naha Airport
16:30 Visit Okinawa Urban Monorail
19:00 Arrive at Hotel

Stay at The Busena Terrace Beach Resort (Okinawa)
TEL. 0980-51-1333 FAX 0980-51-1331

■ Opening and Symposium

October 22 (Tue.) : Conference

Place: Bankoku Shinryokan

TEL. 0980-53-3155 FAX. 0980-53-3163

13:30 ~ 14:00 Opening Ceremony

Address by Mr. Haruhiko OKUNO, Director General
National Institute for Land and Infrastructure Management
Ministry of Land, Infrastructure and Transport

Address by Mr. Hisakazu Ohishi, Vice Minister for Engineering Affairs
Ministry of Land, Infrastructure and Transport

Address by Mr. Keiichi INAMINE
Governor of Okinawa Prefecture

Address by Mr. Piyankarage DAYANANDA
Director Programming, Road Development Authority
Ministry of Transport & Highways, Sri Lanka

Introduction of Overseas Participants

Introduction of Cooperated Organizations

14:05 Group Photograph

14:20 ~ 18:00 The 11th International Symposium on National Land Development and Civil Engineering in Asia

— Water Resources and River Management for Sustainable Development —

14:20 ~ 14:50 Lecture 1 "Case of JAPAN I "

— Comprehensive Water-Resource issues of Island Communities —
by Dr. Housei UEHARA, Honorary Professor,
University of the Ryukyus

14:50 ~ 15:20 Lecture 2 "Case of JAPAN II "

— Tokyo Metropolitan Region and Tonegawa -
by Mr. Haruhiko OKUNO, Director General
National Institute for Land and Infrastructure Management
Ministry of Land, Infrastructure and Transport

15:20 ~ 15:30 Break

15:30 ~ 16:00 Lecture 3 "Case of KOREA "

by Dr. LEE Jang-Hwa,
Senior Research Fellow,
Structural Materials Research Group
Korea Institute of Construction Technology

October 23 (Wed.) : Study Tour

- 8:00 Leave Hotel
Visit to: IE-Village,
Water recycling
Lunch
Visit to: Haneo Dam, Taiho Dam
18:10 Arrive at Hotel
18:10 ~ 18:30 Adjustment of the Minutes of Common Interest Session
Adjustment of the Minutes of Specific Subjects I, II

Stay at The Busena Terrace Beach Resort (Okinawa)

TEL. 0980-51-1333 FAX 0980-51-1331

October 24 (Thu.) : Concluding Session Place : Bankoku Shinryokan

- 9:00 ~ 11:00 Discussion on Specific Subjects III
– Red Soil Erosion Countermeasures & Environmental Preservation in Okinawa –
① Integrated operation of dams
② Road Construction
(Indonesia, Korea, Laos, Malaysia, Pakistan, Philippines,
Sri Lanka, Thailand)
Okinawa General Bureau
Okinawa Prefectural Government
- 11:00 ~ 12:00 General Discussion
[Chairman: Mr. Haruhiko OKUNO, Director General, NILIM]
- 12:00 ~ 12:30 Closing Ceremony
Address by Mr. Haruhiko OKUNO, Director General, NILIM
- 12:30 ~ 13:30 Lunch
- 13:30 ~ 14:30 JICA Evaluation
- Afternoon Study Tour
- 17:40 ~ 18:00 Adjustment of the Minutes of specific Subjects III
18:00 ~ 20:00 Dinner

Stay at The Busena Terrace Beach Resort (Okinawa)

TEL. 0980-51-1333 FAX 0980-51-1331

October 25 (Fri.) : Leave Japan

■ List of Participants

FOREIGN COUNTRIES

India	Mr. Kaushal Narayan AGRAWAL Additional Director General Central Public Works Department Ministry of Urban Development
Indonesia	Mr. Djoko MURJANTO Secretary of Board Construction and Investment Development Board Ministry of Settlement and Regional Infrastructure
Korea	Dr. LEE Jang-Hwa Senior Research Fellow, Civil Eng. Division Structural Materials Research Group Korea Institute of Construction Technology
Laos	Mr. Viengsavath SIPHANDONE Director General, Department of Roads Ministry of Communication, Transport Post and Construction
Malaysia	Mr. MOBARAK Bin Hussein Director Mechanical & Electrical Services Division Department of Irrigation and Drainage
Pakistan	Mr. Zubair Emran KHAWAJA Director Road Research and Material Testing Institute Private Sector Projects Investment Cell Communication & Works Department Government of the Punjab, Lahore
Philippines	Ms. Sofia Torio SANTIAGO Project Manager II, and OIC Assistant Director, Bureau of Design Department of Public Works & Highways
Sri Lanka	Mr. Piyankarage DAYANANDA Director Programming, Road Development Authority Ministry of Transport & Highways
Thailand	Mr. Jirachai SUTHASSANAJINDA Agricultural Engineer, Engineering Division Agricultural Land Reform Office(ALRO) Ministry of Agriculture and Cooperatives

JAPAN

Mr. Haruhiko OKUNO	Director-General, NILIM
Dr. Syuji TAKASU	Executive Director for Research Affairs, NILIM
Mr. Takeo NAKAJIMA	Director of the Planning and Research Administration Department, NILIM
Mr. Satoru KONDO	Director of the River Department, NILIM
Mr. Yasuo NAKANO	Director of the Research Center for Disaster Risk Management, NILIM
Mr. Kazuhiro NISHIKAWA	Research Coordinator for Evaluation, Planning and Research Administration Department, NILIM
Dr. Yoshinobu HIRANO	Research Coordinator for Codes and Standards, Planning and Research Administration Department, NILIM
Mr. Hitoshi YOSHIDA	Research Coordinator for Water Quality Control, River Department, NILIM
Ms. Junko SAISYU	Head of the Research Administration and International Cooperation Division, Planning and Research Administration Department, NILIM

(IAI) Public Works Research Institute
Okinawa General Bureau
Okinawa Prefectural Government
Japan International Cooperation Agency

II. Objectives and Details

■ Outline of "The 11th Conference on Public Works Research and Development in Asia"

1. Objectives : The participants of the Conference are officials from government agencies in Asian countries and responsible for infrastructure research and development and its promotion.

The objectives of the Conference are to find common problems on research and development in the field of civil engineering and to find seeds for possible joint research, through exchanging information and discussion on the present and future status of each country's infrastructure improvement.

Furthermore, they try to form a continuous networking among Asian countries, and properly contribute to implementation of public works.

2. History : The Conference has been held once per year in Japan since F.Y. 1992.

Also the Symposium has been organized by Regional Construction Bureau etc. with participation of experts from governmental and private organization as well as universities, as a part of the activities of the Conference.

The outline of Conference is shown in following pages.

The 1st Conference on Public Works Research and Development in Asia

Duration	From February 15, 1993 to February 26, 1993
Place	Public Works Research Institute, MOC
Program	<p>Keynote Lecture</p> <ol style="list-style-type: none"> 1) Infrastructure Policies for Economic and Social Development of Asian Countries by Prof. Fumio Nishino, University of Tokyo 2) Progress of Civil Engineering and Its Contribution to Economic and Social Development in Modern Japan – PWRI's 70 Years and Perspective – by Mr. Yukihiko Sumiyoshi, Director-General, Public Works Research Institute 3) The Role of Research and Technology Development in International Technical Cooperation by Mr. Hiroaki Tamamitsu, Vice President, Japan Construction Training Center
	<p>Country Report</p> <ol style="list-style-type: none"> ① Outline of Country ② Public Works System ③ Description of the Department/Institute in charge of R&D of Public Works ④ Major R&D projects in the Department/Institute ⑤ International Research Exchange Programmes in the Department/Institute ⑥ Activities concerning "Disaster and Disaster Prevention" ⑦ Activities concerning "Harmony between the Environment and Improvement of Infra."
	<p>Subject of Common Interests on "Future Perspective for R&D of Disaster Prevention Techniques against Disaster caused by Rainfall"</p> <ol style="list-style-type: none"> 1) River-Related Disaster 2) Sediment-Related Disaster
	<p>Specific Subjects</p> <ol style="list-style-type: none"> 1) Sedimentation of Dam Reservoir (China, Japan) 2) Water Pollution Control (Indonesia, Japan) 3) River Environment (Korea, Japan) 4) Soil Improvement (Thailand, Japan) 5) Tunnel (Singapore, Thailand, Japan) 6) Volcanic Disaster, Debris Flow and Road Disaster Prevention (Malaysia, Philippines, Japan) 7) River (China, Japan) 8) Water Quality (Korea, Japan) 9) Soil Mechanics and Foundation Engineering, Traffic Engineering (Malaysia, Thailand, Japan) 10) Pavement (Philippines, Singapore, Thailand, Japan) 11) Highway Bridges (Philippines, Japan)
	<p>Study Tour</p> <p>Hokkaido (Shin-Chitose Airport, CERI, Muroran Hakucho-Bridge, Seikan-Tunnel etc.)</p> <p>Kanto (Trans-Tokyo Bay Highway, Miyagase-Dam)</p>
Participants	Overseas: 8, Japan:37, Guests:35 (Overseas:5, Japan:30)

The 2nd Conference on Public Works Research and Development in Asia

Duration	From November 15, 1993 to November 26, 1993
Place	Public Works Research Institute, MOC
Program	<p>Keynote Lecture</p> <ol style="list-style-type: none"> 1) Role of Civil Engineers for Sustainable Development by Mr. Atsushi Hamamori, President, Japan Overseas Consultants Co. Ltd. 2) Socio-Economic Development and Construction Technology Transfer by Mr. Yukihiro Sumiyoshi, Director-General, Public Works Research Institute 3) Research in Japan -Focusing Civil Engineering- by Prof. Hiroyoshi Shi-igai, University of Tsukuba
	<p>Country Report</p> <ol style="list-style-type: none"> ① Outline of Country ② Public Works System ③ Description of the Department/Institute in charge of R&D of Public Works ④ Major R&D projects in the Department/Institute ⑤ International Research Exchange Programmes in the Department/Institute
	<ul style="list-style-type: none"> • Subject of Common Interests on "Disaster and Disaster Prevention" <ol style="list-style-type: none"> 1) Comprehensive Countermeasure against Floods 2) Countermeasure against Highway Slope Failure • Subject of Common Interests on "Harmony between the Environment and Improvement of Infrastructure" <ol style="list-style-type: none"> 1) Measures for Water Quality Control of Reservoirs and Rivers 2) Countermeasures against Air Pollution and Noise caused by Road Traffics in Urban Areas
	<p>Specific Subjects</p> <ol style="list-style-type: none"> 1) Debris Flow (China, Philippines, Japan) 2) Materials of the Highway Bridges -Concrete- (Indonesia, Japan) 3) Flood Control (Korea, Japan) 4) Care for the Rivers (Malaysia, Japan) 5) Utilization of the Underground Space (Singapore, Japan) 6) Air Pollution (Thailand, Japan) 7) Materials of the Pavement (Indonesia, Japan) 8) Environment Improvement -Water Quality Control- (Korea, Thailand, Japan) 9) Creation of the River Environment (Malaysia, Japan) 10) Traffic Management (Singapore, Japan)
	<p>Study Tour</p> <p>Chugoku-Shikoku (Seto-Ohashi)</p> <p>Kyushu (Yoshinogari Historical Park, Rokkaku River, Mt.Unzen etc.)</p> <p>Kanto (Trans-Tokyo Bay Highway)</p>
Participants	Overseas: 7, Japan:41, Guests:60 (Overseas:7, Japan:53)

The 3rd Conference on Public Works Research and Development in Asia

Duration	From October 17, 1994 to October 28, 1994
Place	Public Works Research Institute, MOC
Program	<p>Keynote Lecture</p> <ol style="list-style-type: none"> 1) Viewpoints on Panama Canal Alternative Study by Dr. Akira Ishido, Managing Director, Yachiyo Engineering Co. Ltd. 2) Vision of Construction Technical Research and Development to the 21st Century by Dr. Takashi Iijima, Director-General, Public Works Research Institute 3) Economic Growth, Infrastructure Development and International Cooperation in Asian Counties by Prof. Yuzo Akatsuka, Saitama University
	<p>Trend of Public Works Research and Development</p> <ol style="list-style-type: none"> ① Role and Outline of Research Organization in Public Works ② Activities and Topics of Research and Development in Research Organization ③ Research Management (Implementation of Research, Mid-term or Annual Research Plan, Research Budget, Improvement of Researcher)
	<ul style="list-style-type: none"> • Subject of Common Interests on "Environmental Policy of Rivers, Lakes and Marshes" (Improvement of Water Quality, Infrastructure Development with Considerations for the Environment) • Subject of Common Interests on "Infrastructure Development in the field of Roads" (Establishment of Road Network, Maintenance and Management of Roads such as Pavement and Bridge)
	<p>Specific Subjects</p> <ol style="list-style-type: none"> 1) Flood Control (Bangladesh, India Indonesia, Thailand, Japan) 2) Highway Planning; Traffic System (China, Korea, Japan) 3) Soil Improvement (Malaysia, Japan) 4) Water Pollution Control (Philippines, Thailand, Japan) 5) Volcanic Disaster, Debris Flow (Indonesia, Japan) 6) Geological Survey (Malaysia, Japan) 7) Water Quality for Drinking (Philippines, Japan)
	<p>Study Tour</p> <p>Kinki (Akashi Kaikyo Ohashi, Osaka Bay Highway, Kansai International Airport, Asuka Historical Park, Otaki Dam)</p>
Participants	Overseas: 9, Japan:36, Guests:65 (Overseas:7,Japan:58)

The 4th Conference on Public Works Research and Development in Asia

Duration	From September 25, 1995 to October 4, 1995
Place	Public Works Research Institute, MOC
Program	<p>Trend of Public Works Research and Development</p> <ul style="list-style-type: none"> ① Role and Outline of Research Organization in Public Works ② Activities and Topics of Research and Development in Research Organization ③ Research Management (Implementation of Research, Mid-term or Annual Research Plan, Research Budget, Improvement of Researcher)
	<p>Subject of Common Interests on " Research and Development for Natural Disaster Reduction"</p>
	<p>Specific Subjects</p> <ul style="list-style-type: none"> 1) Flood Control (Bangladesh, India, Indonesia, Thailand, Japan) 2) Highway Planning, Traffic System (China, Korea, Japan) 3) Soil Improvement (Malaysia, Japan) 4) Water Pollution Control (Philippines, Thailand, Japan) 5) Volcanic Disaster, Debris Flow (Indonesia, Japan) 6) Geological Survey (Malaysia, Japan) 7) Water Quality for Drinking (Philippines, Japan)
	<p>Study Tour Kinki (Akashi Kaikyo Ohashi, Osaka Bay Highway, Kansai International Airport, Asuka Historical Park, Otaki Dam)</p>
Participants	Overseas: 9, Japan: 36, Guests: 65 (Overseas: 7, Japan: 58)

The 5th Conference on Public Works Research and Development in Asia

Duration	From October 25, 1996 to October 22, 1996
Place	Public Works Research Institute, MOC
Program	<p>Keynote Lecture</p> <p>1) Case Study from my Overseas Work by Dr. Yorio MURAKAMI, Vice President, Kawasaki Geological Engineering Ltd.</p> <p>2) Report on the Disaster Caused by 1995 Hyogoken Nanbu Earthquake by Mr. Tadahiko SAKAMOTO, Director-General, Public Works Research Institute</p> <p>3) Development Cooperation and Public Works in Asia by Dr. Akira TAKAHASHI, Professor Emeritus, University of Tokyo</p>
	<p>Subject of Common Interests</p> <p>① Harmony between Public Works and Environment</p> <p>② Securement and Training of Civil Engineers</p>
	<p>Specific Subjects</p> <p>1) Earthquake Disaster (India, Philippines, Japan)</p> <p>2) River Management (Malaysia, Thailand, Japan)</p> <p>3) Road Technology (China, Japan)</p> <p>4) Soft Ground (Bangladesh, Korea, Japan)</p> <p>5) Air Pollution (Indonesia, Nepal, Japan)</p>
	<p>Study Tour</p> <p>Tohoku (Ichinoseki Retarding Basin, Onikobe Road, Sen-en Road)</p>
Participants	Overseas: 9, Japan: 36, Guests: 65 (Overseas: 7, Japan: 58)

The 6th Conference on Public Works Research and Development in Asia

Duration	From October 14, 1997 to October 21, 1997
Place	Harbor View Hotel, Okinawa
Program	Keynote Lecture
	1) Regional Development and the Environment Dr. Hosei Uehara, Professor, University of the Ryukyus
	2) Intelligent Transport systems (ITS) Mr. Seizo Tsuji, Director General, PWRI
	3) Okinawa's Social Capital and Development Technologies Mr. Tamio Shimogami, Engineering General, Okinawa Prefectural Government
	Subject of Common Interests
	"Research and Development of Public Infrastructure Suitable to Environmental and Climatic Condition"
	Specific Subjects
	1) Soil Mechanics and Foundation Bangladesh, India, Japan 2) Flood Control Thailand, Japan 3) Traffic Management China, Nepal, Japan 4) Water Quality Control Indonesia, Malaysia, Japan 5) Volcanic Disaster, Debris Flow Philippines, Japan
	Study Tour
Kinjo Dam Gushigawa Sewage Disposal Facility Haneji Dam Okinawa National Memorial Park	
Participants	200

The 7th Conference on Public Works Research and Development in Asia

Duration	From October 12, 1998 to October 23, 1998
Place	Okinawa Convention Center, Okinawa
Program	Keynote Lectures
	1) Surveyal, Planning, Design and Implementation of Bridge Construction in Japan's Grant Aid Projects Mr. Satoshi Watabe, Pacific Consultants International
	2) Disaster Preventive Project under the Consideration of Nearby Environmental Condition – The Project for Flood Mitigation in Ormoc City, Phillipines Mr. Hitoshi Kin, CTI Engineering Co., Ltd.
	3) Infrastructure Development and Management Prof. Masahiko Kunishima, University of Tokyo
	4) Okinawa's Coastal Waves and Outflow of Red Soil to the Seashore Dr. Seikoh Tsukayama, Professor, University of Ryukyus
	5) New Direction for Sustainable Development in Asia Mr. Yasutake Inoue, Director General, PWRI
	6) Promotion and Development of Okinawa and Its Public Works Technology Mr. Masamichi Shirahase, Vice Director General, Okinawa General Bureau
	Subject of Common Interests
	"Research and development on the comprehensive disaster prevention measures considering ecological environment and social condition"
	Specific Subjects
1) Water Pollution Bangladesh, India, Japan 2) Flood Control Bangladesh, Philippines, Korea, Japan 3) Soil Improvement and Slope Protection..... India, Laos, Malaysia, Japan 4) Pavement Indonesia, India, Malaysia, Japan 5) Sedimentation of Dam Reservoir Malaysia, Korea, Japan 6) Earthquake Disasters Nepal, Japan 7) Coastal Erosion Thailand, Japan	
Study Tour	
Haneji Dam Okinawa National Memorial Park	
Participants	Oveaseas: 11, Japan: 30, Guests: 60

The 8th Conference on Public Works Research and Development in Asia

Duration	From October 12, 1999 to October 21, 1999
Place	Kariyushi Urban Resort Naha, Okinawa
Program	Keynote Lectures
	1) Present Situation and Tasks of Japan's ODA – Mainly on Infrastructures Mr. Kenji Kiyomizu, Development Specialist on Civil Engineering of JICA
	2) Infrastructure Development and Management in Asia Prof. Masahiko Kunishima, University of Tokyo
	3) Asian Concrete Model Code Asso. Prof. Tamon Ueda, University of Hokkaido
	Subject of Common Interests
	"Research and development on the construction technology which is applicable to the local natural environment and social condition"
	Specific Subjects
	1) National Disaster Prevention..... India, Japan 2) Soil Improvement..... Bangladesh, Malaysia, Japan 3) Sedimentation of Dam Reservoir Nepal, Philippines, Japan 4) Design Load of Bridges Thailand, Japan 5) Under Ground Use Indonesia, Korea, Japan 6) Pavement Laos, Japan 7) River Management..... China, Japan
	Study Tour
Okinawa National Memorial Park Haneji Dam Seawater Desalination Plant	
Participants	200

The 9th Conference on Public Works Research and Development in Asia

Duration	From October 10, 2000 to October 19, 2000
Place	National Institute for Land and Infrastructure Management, MLIT Bankoku Shinryokan, Okinawa
Program	Keynote Lectures
	Public Works Management Mr. Akira Fujimoto Research Coordinator for Public Works Management, Research Center for Public Works Management, PWRI Prof. Masahiko Kunishima, University of Tokyo Mr. Takenori Yamashita Head, Management Research Division Research Center for Public Works Management, PWRI Mr. Kenichi Matsui Head, System Development Division Research Center for Public Works Management, PWRI
	Subject of Common Interests
	"Research and development on Promoting Technology Transfer in the field of Construction Technology"
	Specific Subjects
	1) River Management.....Laos, Japan 2) Water Quality Control..... China, Japan 3) Sedimentation of Dam ReservoirMalaysia, Japan 4) Traffic ManagementNepal, Philippines, Japan 5) Soil Improvement.....Thailand, Japan 6) Earthquake Disaster Prevention.....India,Indonesia, Japan
	Study Tour
ITS Information Center Haneji Dam Okinawa National Memorial Park Kanna Dam Historical Road	
Participants	130

The 10th Conference on Public Works Research and Development in Asia

Duration	From October 16, 2001 to October 25, 2001
Place	National Institute for Land and Infrastructure Management, MLIT Bankoku Shinryokan, Okinawa
Program	Lectures
	Public Works Management Mr. Kenichi Matsui Head, Construction Management Division Research Center for Land and Construction Management, NILIM
	Subject of Common Interests
	"Research and development on Public Works concerned with Reducing Environmental Impact for Sustainable Development"
	Specific Subjects
	1) Water Quality Management.....India, Japan 2) River Management.....Lao, Nepal, Japan 3) Coast Management.....Malaysia, Japan 4) Traffic ManagementThailand, Japan 5) Earthquake Disaster Prevention.....Bangladesh, India, Japan
	Study Tour
1)Arakawa River Channel 2)Kobe Akashi Kaikyo Bridge 3)Okinawa ITS Information Center Electric Power Plant Kanna Dam Plastic Bridge	
Participants	100

The 11th Conference on Public Works Research and Development in Asia

Duration	From October 15, 2002 to October 24, 2002
Place	National Institute for Land and Infrastructure Management, MLIT Bankoku Shinryokan, Okinawa
Program	Keynote Lectures
	1) Hydrology and Water Resources in Monsoon Asia Dr. Katumi Musiake President, Japan Society of Hydrology and Water Resources Department of Human and Society, Institute of Industrial Science University of Tokyo
	2) Flood and Sediment-related Disasters in Japan Mr. Yasuo Nakano, Director Research Center for Disaster Risk Management, NILIM
	3) Comprehensive Water-Resource Issues of Island Communities Dr. Housei Uehara, Honorary Professor, University of the Ryukyus
	Subject of Common Interest
	"Water Resources and River Management for Sustainable Development"
	Specific Subjects
	1) Specific Subjects I ① Flood Control and Water Resources Management India, Indonesia ,Laos, Philippines, Thailand, Japan ② Water quality Malaysia, Sri Lanka, Japan ③ Groundwater Pakistan, Japan
	2) Specific Subjects II ① Roads, Pavement, Traffic Management & Safety India, Indonesia, Laos, Pakistan, Sri Lanka, Japan ② Volcanic Disaster, Erosion Control & Debris Flow Philippines, Malaysia , Thailand, Japan
	3) Specific Subjects III - Red Soil Erosion Countermeasures & Environmental Preservation in Okinawa - ① Integrated operation of dams ② Road Construction Indonesia, Korea, Laos, Malaysia, Pakistan, Philippines, Sri Lanka, Thailand, Japan
③ Study Tour	
1)Kyoto: Ohtsu Auxiliary Conduit, Seta River Weir(Outlet Flow Control) Amagase Dam, Drainage of Lake Biwa and the Incline, 2)Osaka: Legacy of Sayama Pond 3)Okinawa: The Urban Monorail System, Ie Village, Haneo Dam, Taiho Dam	
Participants	130

The 1st Symposium on Public Infrastructure and Civil Engineering in Asia

Date	February 22, 1993
Place	Sapporo Grand Hotel, Hokkaido
Host	Public Works Research Institute of MOC, Civil Engineer Research Institute of Hokkaido Development Bureau
Program	Keynote Lecture on "Development and Infrastructure of Hokkaido" by Prof. Hideo IGARASHI, Hokkaido University
	Panel Discussion on "Public Infrastructure Projects in Each Country and Their Technical Problems" Coordinator: Toshitaka OHTA, Director General, CERI, Hokkaido Development Bureau, JAPAN Panelists : Yukihiko SUMIYOSHI, Director-General, PWRI, MOC, JAPAN CHEN Bing Xin, Director, IWHR, CHINA BADRUDDIN Machbub, Director, RIWRD, ARD, MPW, INDONESIA LEE Sang Eun, Vice President, KICT, KOREA Abdul RAHMAN B. Abdullah, Deputy Director General, PWD, MALAYSIA Manuel M. BONOAN, Assistant Secretary for Planning, DPWH, PHILIPPINES TAN Siong Leng, Director, Building Control Div., PWD, SINGAPORE TEERACHARTI Ruenkrairergsa, Director, Road R&D Center, DOH, THAILAND
Participants	200

The 2nd Symposium on Public Infrastructure and Civil Engineering in Asia

Duration	November 22, 1993
Place	Soralia Nishi-Tetsu Hotel, Fukuoka
Host	Public Works Research Institute and Kyushu Regional Construction Bureau, MOC
Program	Keynote Lecture on "Regional Development and Civil Engineering Technology in Kyushu" by Prof. Takeshi CHISHAKI, Kyushu University
	Panel Discussion on "Striving for a Better Environment -Regional Development Projects, Disaster Prevention, Environmental Issue-" Coordinator: Yukihiko Sumiyoshi, Director-General, PWRI, MOC, JAPAN Panelist: Eiki ARAMAKI, Director General, Kyushu Regional Construction Bureau, MOC, JAPAN WU Ji Shan, Director, IMHE, CHINA SOEDARMANTO Darmonegoro, Secretary, ARD, MPW, INDONESIA KIM Keung Hwan, Director, Planning & Coordination Div., KICT, KOREA TEH Siew Keat, Director of River Engineering, DID, MALAYSIA Jose H. ESPIRITU, Director, BRS, DPWH, PHILIPPINES KHOR Poh Hwa, Chief Civil Engineer, PWD, SINGAPORE ANUSORNANT Mahavinichaimontri, Director, Materials and Research Div., PWD, THAILAND
Participants	200

The 3rd Symposium on Public Infrastructure and Civil Engineering in Asia

Duration	October 24, 1994
Place	Mainichi Oval Hall, Osaka
Host	Public Works Research Institute and Kinki Regional Construction Bureau, MOC
Program	<p>Keynote Lecture on "Struggling to Develop the New Construction Technology" by Mr. Koutaro HASHIMOTO, Director General, Kinki Regional Construction Bureau, MOC</p> <p>Keynote Lecture on "Cultural Exchange in Global Age" by Prof. Nobuyuki HATA, National Museum of Ethnology</p> <p>Panel Discussion on "Public Infrastructure and Development of Construction Technology in Asia" Coordinator: Hiroji NAKAGAWA, Professor, Kyoto University, JAPAN Panelist : Takashi IJIMA, Director-General, PWRI, MOC, JAPAN Abdul Wahed CHOWDURI, Joint Secretary, MHPW, BANGLADESH XIONG Qiu Shui, Senior Engineer, SPTD, Min. of Com., CHINA Kewal Krishan MADAN, Director General, CPWD, MUD, INDIA Mohamad Yusuf GAYO, Director of MIER, DGWRD, MPW, INDONESIA KIM Il-Joong, Director, Technology Promotion Div., MOC, KOREA Abdul KADIR bin Awang Hamat, Director, IKRAM, PWD, MOW, MALAYSIA Luis A. MAMITAG, Jr., Chief of R&D Div., BRS, DPWH, PHILIPPINES WIJARN Thunthithum, Senior Engineer, DWD Sub-Div., SED, PWD, THAILAND</p>
Participants	300

The 4th Symposium on Public Infrastructure and Civil Engineering in Asia

(Session of Ministers' Forum on Infrastructure Development in the Asia-Pacific Region)

Duration	September 27, 1995
Place	Hotel New Otani Osaka, Osaka
Host	Public Works Research Institute and Kinki Regional Construction Bureau, MOC
Program	<p>Panel Discussion on "Research and Development and International Research Cooperation for Great Natural Disaster Reduction" Coordinator: Takashi IJIMA, Director-General, PWRI, MOC, JAPAN Panelist : Yasuyuki KOGA, Director, Earthquake Disaster Prevention Dept., PWRI, MOC, JAPAN Abdul MAJID Khan, Director General, RRI, BANGLADESH Guowei YANG, Senior Engineer, CWRC, CHINA Digvijai SINGH, Director General, CRRI, MST, INDIA PATANA Rantetoding, Director General, IRE, MPW, INDONESIA Antonio A. STA. ELENA, Regional Director, DPWH, Region IX, PHILIPPINES SURAPOL Pongthaipatana, Deputy Director General, TTI, PWD, MOI, THAILAND</p>
Participants	200

The 5th Symposium on Public Infrastructure and Civil Engineering in Asia

Duration	October 21, 1996
Place	Sendai International Center, Miyagi
Host	Public Works Research Institute and Tohoku Regional Construction Bureau, MOC
Program	<p>Panel Discussion on "Harmony between Regional Development Projects and Environment" Coordinator: Tadahiko SAKAMOTO, Director-General, PWRI, MOC, JAPAN Panelist :</p> <p>Toshiki AOYAMA, Director-General, Tohoku Regional Construction Bureau, MOC, JAPAN MD. Siddique Ullah, Chief Engineer, Public Works Department, Ministry of Housing and Public Works, BANGLADESH Zhang Yuan-fang, Deputy Director, Research Institute of Highway, Ministry of Communications, CHINA Surinder Kumar Chawla, Chief Engineer, Central Public Works Department, Ministry of Urban Affairs and Employment, INDIA Joelianto Hendro Moeljono, Director General, Agency for Research and Development, Ministry of Public Works, INDONESIA Hong Sung-Wan, Vice President, Korea Institute of Construction Technology, KOREA Keizrul Bin Abdullah, Deputy Director General I, Department of Irrigation and Drainage, Ministry of Agriculture, MALAYSIA Nestor V. Agustin, Assistant Regional Director, Region IV, Department of Public Highways ,Region IX, PHILIPPINES Siripong Hungspreug, Director, Project Planning Division, Royal Irrigation Department, THAILAND Mohan Bahadur Karki, Director General, Department of Roads, Ministry of Works and Transport, NEPAL</p>
Participants	200

The 6th Symposium on Public Infrastructure and Civil Engineering in Asia

Duration	October 17, 1997	
Place	The Busena Terrace Beach Resort, Okinawa	
Host	Public Works Research Institute Okinawa General Bureau and Okinawa Prefectural Government	
Program	Keynote Address	Prof. Kiyoshi UEMA "Okinawa's Heritage and Social Infrastructure"
	Panel Discussion	"Research and Development of Social Infrastructure Suitable to the Environment and Climatic Condition"
Panelist	Tamio Shimogami	Engineer General, Okinawa Prefectural Government, JAPAN
	Azizul Haque	Additional Chief Engineer, Public Works Department Under Ministry of Works, Govt. of BANGLADESH
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	Vidhaya Samaharn	Director, Research and Laboratory Division, Royal Irrigation Department, THAILAND
Coordinator Seizo Tsuji	Director - General, PWRI	
Participants	200	

The 7th Symposium on Public Infrastructure and Civil Engineering in Asia

Duration	October 18, 1999	
Place	Okinawa Convention Center, Okinawa	
Host	Okinawa General Bureau	
Program	Theme	"R&D of Paving Technologies Suited to Environmental and Climatic Conditions"
	Keynote Address	"Recent Development in Paving Technology" Tamotsu Kobayashi, Research Coordinator for Traffic Safety, PWRI
		"R&D of Paving Technologies in Okinawa" Kaoru Seto, Sr. Officer, Planning & Coordination, Development Construction Department, Okinawa General Bureau
	Site Visits	Test Site: Semi-Flexible Pavement (Nakanishi Area, Urasoe City)
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Masamichi Shirahase	Vice Director-General, Okinawa General Bureau	
Others	70	

The 8th International Symposium on National Land Development and Civil Engineering in Asia

Duration	October 18, 1999	
Place	Kariyushi Urban Resort Naha, Okinawa	
Host	Okinawa General Bureau and Okinawa Prefectural Government	
Program	Keynote Lecture	Prof. Takeshi OSHIRO "Corrosive Environment and Salt Induced Damage of RC Structures"
	Panel Discussion	"Research and Development on the construction technology which is applicable to the local natural environment and social condition"
Panelist	Ayumu Yasukawa	Engineer General, Okinawa Prefectural Government, JAPAN
	Morshed Uddin	Additional Chief Engineer, Public Works Department Under Ministry of Works, Govt. of BANGLADESH
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Coordinator Tomomitsu Fujii	Director - General, PWRI	
Participants	200	

The 9th International Symposium on National Land Development and Civil Engineering in Asia

Duration	October 17, 2000
Place	Bankoku Shinryokan, Okinawa
Host	Public Works Research Institute Okinawa General Bureau and Okinawa Prefectural Government
Program	<p>Lecture</p> <p>Dr. Tetsuya YABUKI, Professor, University of the Ryukyus "Case of Japan I " – New Developments in Bridges –</p> <p>Mr. Takeshi HASHIMOTO, Deputy Director General, Okinawa General Bureau, Okinawa Development Agency "Case of Japan II " – Infrastructure Development in Okinawa-</p> <p>Mr. Subhash Chander VASUDEVA, Additional Director General, Central Public Works Department, Ministry of Urban Development, India "Case of India"</p> <p>Ir. SAROSO Bambang Suksmono, Operation Management Director, The Research Institute for Road Infrastructure Technology, Ministry of Settlement & Regional Development, Republic of Indonesia "Case of Republic of Indonesia"</p> <p>Dr. Hyoseop WOO, Senior Research Fellow, Korea Institute of Construction Technology, Republic of Korea "Case of Korea"</p> <p>Mr. Jesus Pedro CAMMAYO, Assistant Secretary, Department of Public Works and Highways, Republic of the Philippines "Case of Philippines"</p>
Participants	130

The 10th International Symposium on National Land Development and Civil Engineering in Asia

Duration	October 23, 2001
Place	Bankoku Shinryokan, Okinawa
Host	National Institute for Land and Infrastructure Management Okinawa General Bureau and Okinawa Prefectural Government
Program	<p>Lecture</p> <p>Dr. Toshiya SHINJO, Professor, University of the Ryukyus "Case of Japan I" – Foundation Work on the Limestone Ground Layer of the Southwest Islands –</p> <p>Mr. Tadayuki TAZAKI, Director-General, National Institute for Land and Infrastructure Management "Case of Japan II" – Public Works Environmental Technology in Japan –</p> <p>Dr. Gyn-Jin Bae, Director, Civil Engineering Research Division, Korea Institute of Construction Technology, Republic of Korea "Case of Korea"</p> <p>Mr. Hin Seang SAW, Director, Coastal Engineering Division, Department of Irrigation and Drainage, Malaysia "Case of Republic of Malaysia"</p> <p>Mr. Amoda Nand MISHRA, Director-General, Department of Water Induced Disaster Prevention, Kingdom of Nepal "Case of Kingdom of Nepal"</p> <p>Mr. Oravit HEMACHUDHA, Chief, Public Works Planning Subdiv., Department of Public Works, Bangkok Metropolitan Administration, Kingdom of Thailand "Case of Kingdom of Thailand"</p> <p>Mr. Hirokazu MIYAO, Engineer General, Okinawa Prefecture Government "Case of Okinawa" – Okinawa Prefecture's Infrastructure Development for the 21st Century –</p>
Participants	100

The 11th International Symposium on National Land Development and Civil Engineering in Asia

Duration	October 22, 2002
Place	Bankoku Shinryokan, Okinawa
Host	National Institute for Land and Infrastructure Management Okinawa General Bureau and Okinawa Prefectural Government
Program	<p>Lecture</p> <p>Dr. Housei UEHARA, Honorary Professor, University of the Ryukyus "Case of Japan I " – Comprehensive Water-Resource Issues of Island Communities –</p> <p>Mr. Haruhiko OKUNO, Director-General, National Institute for Land and Infrastructure Management "Case of Japan II " – Tokyo Metropolitan Region and Tonegawa –</p> <p>Dr. LEE Jang-Hwa, Senior Research Fellow Structural Materials Research Group Korea Institute of Construction Technology, Republic of Korea "Case of Korea"</p> <p>Mr. Kaushal N. AGRAWAL, Additional Director General, Central Public Works Department, Ministry of Urban Development, India "Case of India"</p> <p>Ms. Sofia Torio SANTIAGO, Project Manager, and OIC Assistant Director Bureau of Design Department of Public Works & Highways, Philippines "Case of Philippines"</p> <p>Mr. Zubair Emran KHAWAJA, Director Road Research and Material Testing Institute/ Private Sector Project Investment Cell Communication & Works Department Government of Punjab, Lahore, Pakistan "Case of Pakistan"</p> <p>Mr. Tamio SHIMOGAMI, Deputy Director General, Okinawa General Bureau, Okinawa Development Agency "Case of Okinawa" – Integrated Dam Management and the Development of Okinawa's Water Resources –</p>
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