

2-2-2. International Conference on TDRM

1) Purpose

From the perspectives of “Total Disaster Risk Management” and especially “Involvement and Cooperation with a wide range of stakeholders,” this conference was held as an opportunity for disaster managers in Asian countries to create guidelines for disaster reduction on the basis of successful examples in Asian countries.

The conference was attended by 160 people from 21 countries including government officials in charge of disaster reduction and other stakeholders such as the mass media, educational circles, NGOs, and business circles. Citing lessons from past disaster experiences, the participants discussed how to involve these related organizations in a wide range of disaster reduction activities and facilitate cooperation between them for the promotion of the TDRM approach in Asia.

2) Dates

December 2 (Tue) – 4 (Thr), 2003

3) Location

Kobe Portopia Hotel

4) Organized by

Asian Disaster Reduction Center (ADRC) and United Nations Office for the Coordination of Humanitarian Affairs (UN OCHA) Kobe

5) Sponsored by

Cabinet Office of Japan, Hyogo Prefecture Government, UNI/ISDR, United Nations University(UNU), UNESCO, ASEAN Foundation, NHK Kobe, AM Kobe, the Great Hanshin-Awaji Earthquake Memorial Research Institute, and Nakauchi Foundation

6) Main Themes of the Program

The first day program of the conference was an open forum for the general public. NHK BS1 aired the proceedings of the conference in BS Forum on January 17, 2004, which fell on the ninth anniversary of the Great Hanshin-Awaji Earthquake.

Day 1: December 2 (Tue)

- Opening Speeches (9:00 – 9:30)
 - Mr. Terje Skavdal, Regional Disaster Response Advisor, OCHA Kobe
 - Mr. Katsuhiko Hara, Director for Disaster Preparedness, Cabinet Office, Japan
 - Mr. Yutaka Kitabayashi, Director General, Disaster Management Bureau, Hyogo Prefecture Government

- Keynote Speeches (9:30 – 12:30)
 - Total Disaster Risk Management for Sustainable Development
 - Mr. Satoru Nishikawa (Executive Director, ADRC)
 - A single natural disaster could wipe out a whole year’s GDP of a country. Disaster reduction constitutes an essential part for sustainable development of a country.
 - Japan drew its lessons from the Ise Wan Typhoon and successfully minimized typhoon damages through a total disaster risk management approach including cooperation among related organizations, early warnings by the media, awareness-raising campaigns at schools, and involvement of citizenry, in addition to the development of infrastructures such as dams, dykes among other things. The Philippines effectively used volcanic hazard maps to evacuate residents with no casualties. Mr. Nishikawa cited these lessons from disaster experiences in the past to emphasize the necessity of promoting the TDRM in Asian countries.

The Needs of Holistic Approach ~Lesson learned from Hanshin-Awaji Earthquake
Prof. Haruo Hayashi (Disaster Prevention
Research Institute, Kyoto University)

The Great Hanshin-Awaji Earthquake left two valuable lessons. First, structures built to the Building Codes survived. Second, structural measures have their limitations, necessitating “Damage Reduction Capabilities/Preparedness” to complement them. Only combination of these two modes of measures can ensure effective “Disaster Reduction.”

Taking as an example the recovery process from the Great Hanshin-Awaji Earthquake, Prof. Hayashi stressed that it is necessary to regard a recovery process as the best opportunity for sustainable development in future, rather than mere physical restoration, in order to implement a comprehensive recovery plan that turns a reconstruction and rehabilitation process into a momentum for social and economic development.

○ Presentations on Cases of Member Countries (14:00 – 15:40)

China: The Policies and Measures on Flood Disaster Reduction in China since 1998

Mr. Hongtao Wan (Research Center on Flood and Draught Disaster Reduction, China)

Following the Changjiang Flood in 1998, which killed 3,600 people, China made a fundamental shift from a post-event response-focused disaster management policy to one focusing on pre-event measures. Mr. Wan cited cases in China to explain that investment in enhancement of damage reduction capabilities does not only prevent floods and protect people’s safety, but also promote an overall socio-economic improvement, including stimulation of local economies and social development, income increases among local populations, and harmonization with the natural environment.

Japan: NHK’s Disaster Report; The Role of the Media

Mr. Noboru Yamazaki (Chief commentator, NHK, Japan)

The Disaster Countermeasures Basic Act designates NHK as one of the national designated public agencies. Mr. Yamazaki explained the process through which NHK shifted its priority, after Toyamaru and Ise Wan Typhoons, from “how to provide accurate information on affected areas as quickly as possible” for quick rescue operations to “how to “forecast and inform” in order to prevent disasters.

He also explained about missions NHK has carried out to raise its audience’s disaster awareness through “efforts to make the invisible visible” and to prevent damages from tidal waves and other disasters through “efforts to inform at as early a stage as possible.” He also explained the direction NHK is heading.

India: Development of an Integrated Disaster Risk Management System; Importance of Reliable Information

Mr. Anil K. Sinha, (Former Executive Director, National Centre for Disaster Management, India)

Since Orissa Cyclone in 1999, which took 9,500 lives, and Gujarat Earthquake in 2000, which killed 14,000 people, India has been making efforts to reform its disaster reduction system.

Mr. Sinha explained how India has integrated early warnings and reliable information into its new four-pillared “culture of prevention” policy consisting of “Preparedness,” “Quick Responses” “Strategic Information Network,” and “Enhancement of Damage Prevention Capabilities.” He also explained about India’s commitment toward a safer society.

Vietnam: Mangrove- Disaster Preparedness Program; Community’s Involvement

Mr. Nguyen Hung Ha (Vietnam Red Cross)

Vietnam has suffered serious damages from high waters caused by typhoons. Vietnam Red Cross has been promoting mangrove plantation projects as a countermeasure to high waters. Not only have these projects raised the disaster reduction awareness in local communities through the involvement of local populations, schools, and the media, but also brought business profits to disaster-prone communities. Mr. Nguyen presented these projects as a model for NGOs’ roles and civil participation.

Japan: Comprehensive Approach to Earthquake Risk Management; True Disaster Prevention

Associate Prof. Kimiro Meguro (Institute of Industrial Science, Tokyo University)

In the Great Hanshin-Awaji Earthquake, buildings and furniture that collapsed within 15 minutes after the impact were responsible for 90% of the immediate death tolls. In other words, post-event measures alone cannot prevent most of human damage without being combined with pre-event physical measures. It is impossible to prevent damages unless citizens and governments prepare for disasters with clearly defined scenarios in their minds. Associate Prof. Meguro emphasized the necessity of thoroughgoing campaigns for raising awareness on quake-proofing of housings, and made proposals for effective measures, including hazard maps and incentives to promote quake-proofing measures such as housing performance indications, quake-resistance diagnosis, and reinforcements.

- Panel Discussion (16:10 – 18:00)
Facilitated by: Osamu Miyata (NHK announcer, Japan)

Day 2: December 3 (Wed)

- Latest Strategies for Total Disaster Risk Management
 - The Socio-Economic Impact Methodology (Mr. Tom Brennan on behalf UN/ESCAP)
 - Climate Forecast Applications for Monsoons (Mr. A.N.H Akhtar Hossain, Bangladesh Water Development Board, Bangladesh)
 - Climate Risk Management and Agriculture in Australia and beyond: Linking Research to Practical Outcomes (Dr. Holger Meinke, Agency for Food and Fibre Sciences, Department of Primary Industries, Australia)
 - Humanitarian Supply Management System for Disasters (Dr. Arturo Pesigan, WHO West Pacific Regional Office, Ms. Ardi Voets, FUNDE SUMA)
 - The Primer on “Total Disaster Risk Management” (Mr. Loy Rego ADPC, Bangkok)
- Group Discussion
 - Road Map toward Total Disaster Risk Management in Asia

Day 3: December 4 (Thr)

- Approaches to Cooperation among Relevant Organizations (Risk Communication)
 - Role of the Media
 - Japan (Mr. Hiroyuki Saegusa, Director, Management Division, Broadcasting Station AM Kobe)
 - Republic of Korea (KBS)
 - India
 - Presentations on the role of the media in the disaster reduction
 - Role of the Business Sector
 - Philippines (Mr. Alberto Aldeba Lim, Cooperate Network for Disaster Response)
 - India (Mr. Pawan Devraj Kant, Hindustan Construction Company)
 - Presentations on the role of the business sector in disaster reduction
 - Role of NGOs
 - Japan (Japan Red Cross)
 - Nepal (Mr. Amod Mani Dixit, NSET)
 - Vietnam (Mr. Dang Thanh Son, World Vision)
 - Presentations on the role of NGOs in disaster reduction
 - Roles of the Education System
 - Japan (Mr. Seiji Suwa, Environment and Disaster Mitigation Course, Maiko High School, Hyogo Prefecture)
 - Armenia (Aluart Antonyan, NSSP Armenia)
 - UNESCO (Mr. Badaoui Rouhban)

- Presentations on the role of the education system in disaster reduction
- Discussion
 - Future Direction for Cooperation between Related Organizations
- Closing Ceremony

7) Chairperson's Summary

It was recognized that the following three concepts are important for the Total Disaster Risk Management (TDRM) approach:

- (1) Risk management based on a risk management flow to incorporate disaster reduction measures into national policies and development plans
- (2) "Culture of Prevention" consisting of all the four phases of disaster reduction, namely, damage prevention mitigation, preparedness, disaster response, and reconstruction and rehabilitation
- (3) Implementation of TDRM Strategies
 - National framework (legal, organizational, etc) for promoting TDRM
 - Establishment of a systematic disaster information network
 - Investment on disaster reduction
 - Partnerships and civil participation

Moreover, it was also recognized as important to "integrate disaster risk management into national policies and development plans," "promote cooperation among relevant organizations," "share information on successful cases of disaster prevention," and "create a culture of prevention." It is desired to apply the TDRM approach as an effective tool for disaster reduction in forms tailored to the backgrounds, needs, and conditions of individual countries.



Fig. 2-2-2-1: Snapshot of the Open Forum, Day 1



Fig.2-2-2-2: Snapshot of the Panel Discussion, Day 3

Table. 2-2-2-1 Participants list

Country/Organization	Name	Title/Department
Resource Persons		
ADRC	Mr. Emmanuel de GUZMAN	Vice President Chief Executive Officer
ADRC	Mr. Anil K SINHA	Former Executive Director
Resource Persons - Day 1		
Hyogo Prefectural Government	Mr. Yutaka KITABAYASHI	Director General of Disaster Management Bureau
UNDP Bangkok	Mr. Thomas BRENNAN	Regional Disaster Reduction Advisor
Research Center for DRS, DPRI Kyoto University	Dr. Haruo HAYASHI	Professor
Research Center on Flood and Drought Disaster Reduction, China Institute of Water Resources and Hydropower Research	Mr. Hongtao WAN	Associate Professor
NHK	Mr. Noboru YAMAZAKI	Chief Commentator
Vietnam Red Cross	Mr. Nguyen Hung HA	Program Officer Mangroves and Disaster Preparedness Officer
Associate Professor	Dr. Kimiro MEGURO	Institute of Industrial Science Tokyo University
Associate Expert	Mr. Yuichi ONO	UN/ISDR
Resource Persons - Day 2		
Dhaka Water Supply & Sewerage Authority	Mr. A.N.H Akhtar HOSSAIN	Managing Director
Queensland Gov't (Australia)	Dr. Holger MEINKE	Dept. of Primary Industries
World Health Organization	Dr. Arturo M. PESIGAN	Technical Officer, Emergency and Humanitarian Action
FUNDESUMA	Ms. Ardi ARINEZ-VOETS	Consultant Humanitarian Supply Management
ADPC	Mr. Aloysius J. Rego	Director (Knowledge Sharing & Partnerships) and Co-Team Leader, Disaster Management System Team
USAID/OFDA	Mr. Thomas DOLAN	Senior Regional Advisor
Resource Persons - Day 3		
AM Kobe	Mr. Hiroyuki SAEGUSA	
KBS Korea	Mr. Yong-Seok KIM	Deputy Director News & Current affairs dept.
Resource Persons - Day 3		
Business Standard	Mr. Sunil JAIN	Contributing Editor
Ten Knots Development Corp.	Mr. Alberto Aldaba LIM	President, Corporate Network for Disaster Response
Hindustan Construction Company LTD	Mr. Pawan Devraj KANT	Executive Assistant

Japanese Red Cross Society	Mr. Naoki KOKAWA	Director, International Relief
National Society for Earthquake Technology-Nepal	Mr. Amod Mani DIXIT	Executive Director General Secretary
World Vision	Mr. Dang Thanh SON	Team Leader
Maiko High School, Japan	Mr. Seiji SUWA	
UNESCO	Mr. Badaoui Michel ROUHBAN	Chief of Section, Disaster Reduction
Participants		
Armenia	Mr. A. S. ANTONYAN	Armenian National Survey for Seismic Protection
Brunei	Mr. Hj Abd Wahab HASMEE	SO1 Plans, Operations and Planning, Ministry of Defence
Cambodia	Mr. Mam PONN	Department Director Ministry of Economic and Finance
	Mr. Ross SOVANN	Under Director General Advisor National Committee for Disaster Management
China	Mr. Li Bao JUN	Deputy Director, Disaster Situation Information Management Ministry of Civil Affairs
Indonesia	Mr. Sugeng TRIUTOMO	Director, Disaster Mitigation BAKORNAS PBP
	Dr. Dwikorita KARNAWATI	Dept. of Geological Engineering Gadjah Mada University
Japan	Mr. Katsuhiko HARA	Director, Disaster Preparedness Cabinet Office, Gov't of JAPAN
	Mr. Masaaki NAKAGAWA	Deputy Director, Disaster Preparedness, Cabinet Office
	Mr. Hidekazu MORIYASU	Deputy Director, Disaster Preparedness, Cabinet Office
Korea	Mr. Yun Tae KIM	Senior Researcher, Urban Stormwater Prevention, National Institute for Disaster Prevention
Laos	Ms. Bousay THAMMASACK	Community Base Disaster Management Project, NDMO Ministry of Labour and Social Welfare
	Mr. Bounheng AMPHAVANH	Community Base Disaster Management Project, Dept. of Agriculture Forestry
Malaysia	Mr. Yahaya UDIN	Director, National Security Division Prime Minister's Dept/Division for National Security LG & G
	Mr. Hosni Bin BARDAN	Deputy Director General, Dept of Irrigation and Drainage,
Mongolia	Mr. Ykhanbai HIJABA	Director, Strategic Management and Planning Dept. Ministry of Nature and Environment

Myanmar		Mr. Maung Maung Khin	Deputy Director, Relief and Resettlement Dept office of Minister
		Mr. Thaug ZIN	Principal, Central Fire Services Training School, Fire Services Department (H.Q),
Nepal		Mr. Tek Veer Jang RAYAMAJHI	Section Officer, Ministry of Home Affairs
		Mr. Jeevan Lal SHRESTHA	Chief, Landslide Component Department of Water Induced Disaster Prevention (DWIDP)
Philippines		Ms.Carmenicita N. DELANTAR	Director IV, Regional Operations and Coordination Service, Dept. of Budget and Management
		Mr. Tomas Manabit ORTEGA	Officer-in-charge Office of Civil Defense
Singapore		Mr. Wong Soon Lee	Senior Executive, Ops Plans and Training, Ministry of Health
		Mr. Seow Kok Piat, Albert	Assistant Director Operations Dept. (Plans & Policies) Singapore Civil Defence Force
Sri Lanka		Mr.Udaya KUMARA BANDARA	Deputy Director,Dept. of Social Services,Ministry of Social Welfare
Tajikistan		Mr. Abdurahim RADJABOV	First Deputy-Minister, Major-Gen Ministry of Emergency Situations and Civil Defense
		Ms. Ekaterina A. KLIMENKO	Specialist, Information Center Ministry of Emergency Situations and Civil Defense
Thailand		Mr. Banchongsak PANTHONG	Director, Disaster Prevention and Mitigation Policy Bureau, Dept. of Disaster Prevention and Mitigation (DPM), Ministry of Interior
		Ms. Sotharat INSAWANG	Meteorologist, Meteorological Dept.
Uzbekistan		Mr. Marat A. IKRAMOV	Head, Monitoring of Emergencies and Forecasting Center Ministry of Emergencies
Vietnam		Mr. Le Xuan TRUONG	Deputy Director, Dept. of Dike Management and Flood Control Disaster Management Center
		Mr. Nguyen Viet THI	Hydrological Forecasting, National Center of Hydro-Meteorology
NGO Meeting			
Sarvodaya Movement	Shramadana	Mr. Jayakodige Don GUNASENA	Senior Executive International Unit
Singapore Foundation	International	Ms. Mui Ngah LEE	Director, Singapore Volunteers Overseas Programme

Philippines Rural Reconstruction Movement	Mr. Wigberto Ebarle TANADA	President
MERCY Malaysia	Dr. Jemilah MAHMOOD	President
Yokohama YMCA	Mr. Hiroshi OE	Chief Director Global & Local Community Services
SEEDS India	Mr. Manu GUPTA	Director
Caucasus and Central Asia Meeting		
Armenia	Ms. Janna G. HOVHANNISYAN	President, Srunik Int'l Programs Support Center
Azerbaijan	Mr. Elchin RAHBARLI	Senior Advisor, Cabinet of Ministers
Georgia	Prof. Tamaz CHELIDZE	Director, Institute of Geophysics
JICA	Mr. Takashi ITO	Director, Programme Division JICA Hyogo Center
	Ms. Mayumi SAKAMOTO	Training Officer, Programme Division, JICA Hyogo Center