

## Regional cooperation to decrease disaster risks and enhance resilience in Asia

### Asian Disaster Reduction Center

Atsushi KORESAWA

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## International cooperation for disaster reduction

1990's	<b>International Decade for Natural Disaster Reduction (IDNDR)</b>
1994	World Conference on Natural Disaster Reduction (Yokohama) - "Yokohama strategy" called upon establishing or strengthening of sub-regional or regional centers for disaster reduction and prevention
1995	 The Great Hanshin-Awaji EQ
1998	<b>Establishment of Asian Disaster Reduction Center</b>
2000	<b>International Strategy for Disaster Reduction (ISDR) launched</b>
2004	 Indian Ocean Tsunami
2005	<b>World Conference on Disaster Reduction in Hyogo</b> - Adopted " <b>Hyogo Framework for Action 2005-2015 (HFA)</b> " - Established "International Recovery Platform"

## 1995 Great Hanshin-Awaji Earthquake

- ✓ Directly hit Kobe, and surroundings where more than three million people lived and administrative, economic and social functions concentrated.
- ✓ Paralyzed information / communication and transport system, lack of on-site information delayed first response
- ✓ No preparation for an island earthquake by active fault
- ✓ Buildings insufficient to withstand such an earthquake



## A hub of disaster-related activities



### Institutions

**ADRC**, APN, DRI, EDM, EMECS, Hyogo Emergency Medical Center, IGES, Japanese Red Cross, JICA, UNISDR, UNOCHA, UNCRD, WHO

**Asian Disaster Reduction Center (ADRC) established in 1998**



## ADRC 29 Member Countries



## アジア防災センターの活動内容

1. Information (knowledge) Sharing on DRR
2. Capacity Development
3. Technical Cooperation



## Asian Conference on Disaster Reduction (ACDR)



ACDR2010, Kobe, Japan

- Purpose: to report progress on and discuss the efforts for DRR among Member Countries
- Period: June 2011 / Place: Sri Lanka (to be confirmed)
- Participants: delegates from Member countries, UN & International Organizations, NGOs, academic institutions

## Dissemination of disaster-related information (1)

### Online Database

- Constantly Updated
- A wide range of information
  - The latest disaster information
  - Disaster management systems in member countries
  - On-going projects and activities
- Online Multilingual Glossary
  - Chinese, English, French, Japanese, Korean and Spanish
- \*\* Multi-language Dictionaries
  - Provisional and abridged version
  - Russian, Malay, Nepalese, Urdu, Sinhalese (new), Thai, Vietnamese and Arabic (new)

ADRC website  
(<http://www.adrc.asia>)



## Dissemination of disaster-related information (2)

### Annual Publications

- Good Practices
- Databook on disasters
- Annual report

### Other Publications & Reports

- Applications of DRR Tools: Sharing Asian Experiences
- DRR Policy Peer Review Report
- Preliminary report of the field survey of Sumatra Earthquake

### Monthly Newsletter "ADRC Highlights"

- Written in English, Japanese and Russian and delivered by email
- Download from our website or subscribe by sending email to editor@adrc.asia



## Global Unique Disaster Identifier Number (GLIDE)

*a globally common, unique identification scheme for disaster events*

Purpose: To facilitate users to easily access to necessary information on natural disasters through GLIDE

### Recent Activities:

- Promoting the utilization of GLIDE in DRR communities
- Training courses for government officials of ASEAN countries
- Managing GLIDE training web-site



Hazard Code      Serial Number  
**TS-2004-000147-IDN**  
 Year      ISO Country Code

## Training Courses in Japan

Courses (in collaboration with JICA):

- 1) Comprehensive Disaster Risk Management
- 2) Disaster Management Training Course for Central Asia and Caucasus
- 3) Dissemination and Establishment of Disaster Prevention Culture for Asian Countries
- 4) Seismic Disaster Prevention Plan for China



Visiting Flooded area at Sayo-cho, Hyogo Pref.



Experiment of Volcanic Ash with Kitchen Material



Huge Earthquake Experience, Tokyo

## Capacity Building in ASEAN

- 1) Development of Web-based and GLIDE-associated Disaster Database;
- 2) Promotion of Satellite Imagery Application to Disaster Management;
- 3) Promotion of Disaster Education in Schools; and
- 4) Capacity Building of Local Government Officials on Disaster Management.



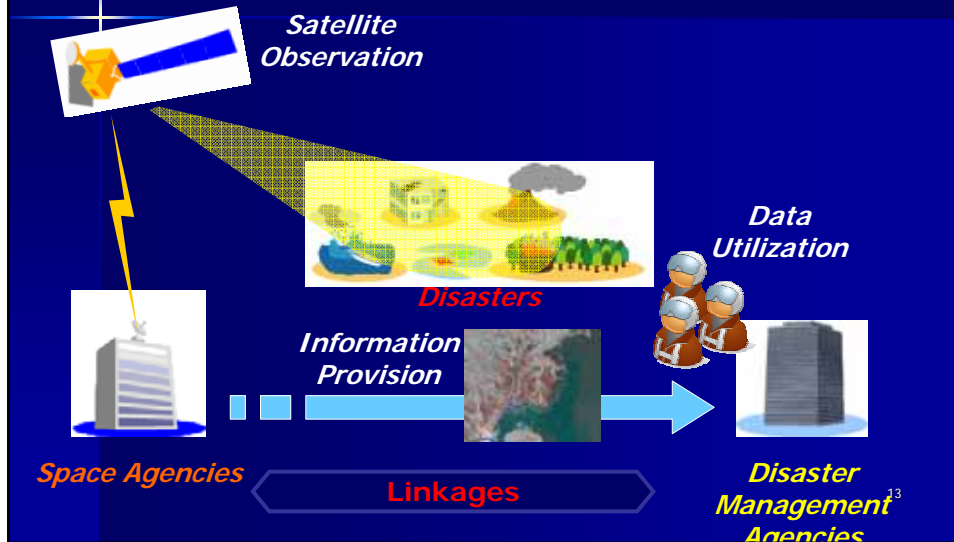
In Viet Nam in March 2010



In Jakarta on 26 March 2010

## Application of space-based technologies to DRR

As a focal point to receive a request for emergency disaster observation and forward it to space agencies through Sentinel Asia (SA)



## Application of space-based technologies to DRR

To function as UNSPIDER (United Nations Platform for Space-based Information for Disaster Management and Emergency Response) Regional Support Office



**ADRC promotes disaster reduction through  
multi-national/multi-stakeholder/multi-lateral  
cooperation in the Asian region**



<http://www.adrc.or.jp>

**Thank You For Your Attention**