



2008.Jan.24

アジア地域における災害復興と人材育成の取組み

*Recovery & Capacity Development in Asian*

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(ADRC)*



# *Activities*

## *1. Information Sharing*

*(Organizing International Meetings & Seminars, Disaster Information, Publications, Development of Tools, such as GLDE)*

## *2. Human Resource Development*

*(Seminars & Trainings, VR Programs, Developments of Tools such as TDRM)*

## *3. Building Community Capabilities*

*(Development of CBHM & Town Watching Method, Tsunami Awareness Projects)*



# *Seminar & Training for Human Resource Development*

2004	<i>Japan</i>	<i>JICA Seminar on Disaster Management</i>
	<i>Singapore</i>	<i>Urban Search and Rescue Training</i>
	<i>Mongolia</i>	<i>Earthquake Disaster Management Seminar</i>
	<i>Viet Nam</i>	<i>Flood Hazard Map Training</i>
	<i>Tajikistan</i>	<i>Disaster Risk Management Workshop</i>
	<i>Japan</i>	<i>Disaster Management Training Course for Central Asia and the Caucasus</i>
2005	<i>Japan</i>	<i>JICA Seminar on Disaster Management</i>
	<i>Singapore</i>	<i>Urban Search and Rescue Training</i>
	<i>Japan</i>	<i>Mission on Policy Dialogue for High Level Administrative Policy Makers on Establishing a <b>Tsunami Early Warning System in the Indian Ocean</b></i>
	<i>Japan</i>	<i>JICA Regional Seminar on <b>Tsunami Early Warning System in the Indian Ocean</b></i>
2006	<i>Japan</i>	<i>JICA Seminar on Disaster Management</i>
	<i>Singapore</i>	<i>Urban Search and Rescue Training</i>
	<i>Armenia</i>	<i>Seminar on knowledge, education and training for earthquake disaster awareness and preparedness</i>
	<i>Japan</i>	<i>JICA Regional Seminar on <b>Disaster Education</b></i>



# *Seminar and Training for Human Resource Development*



*Urban Search and Rescue  
Training in Singapore (2005)*



*Flood Hazard Map Training  
in Viet Nam (2004)*



*Disaster Risk Management  
Workshop in Tajikistan (2004)*



# *Visiting Researcher Program*

*Outline: The first term (January-June) and the second term (July-December)  
2 Officers in charge of Disaster Management from member countries  
✧ Basically 6 months stay but 3 months can be acceptable*

*Results : 33 Visiting Researches, currently one visiting researcher from China*

*Objectives: (1) To learn the Disaster Management in Japan and other countries  
(2) To enhance human network among Asian Countries*



*Lecture of disaster countermeasures at Electric Power Company*



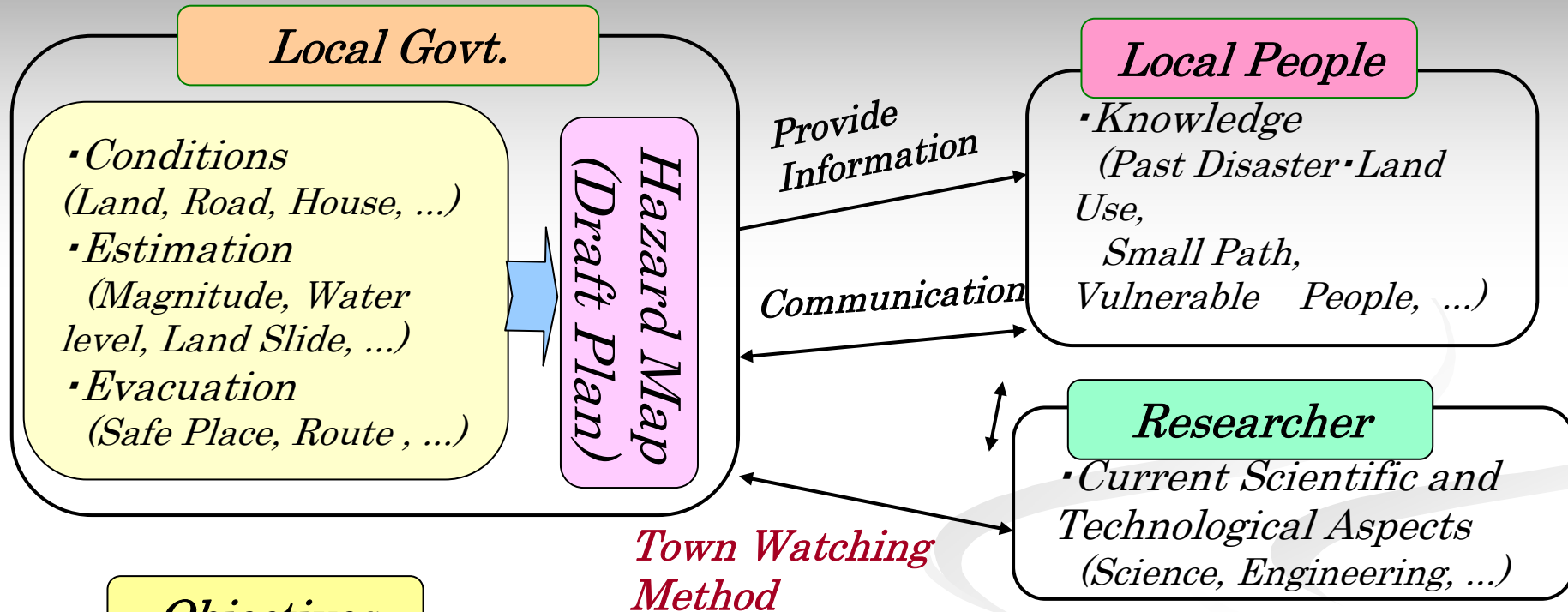
*Field survey in Earthquake affected area*



*Field trip to tsunami disaster management drill*



# Community Based Hazard Mapping



## Objectives

- To involve local residents in developing the hazard map for their community
- To reflect the opinions of local residents in policies made by their local government
- To promote common understanding of risks among local residents, government officials and experts



# *Community Based Hazard Mapping*

## *Town Watching Method*

### *Step 1*

#### *Field Survey*

*Residents, Officers in Local Govt. and Experts survey the positive and negative features relating to the disaster risk by walking around in the town.*



### *Step 2*

#### *Develop a Map*

*Visualize the observations and findings on the map. Enhance the awareness and cooperation through the task.*



### *Step 3*

#### *Discussion and Presentation*

*What are the problems? Who is responsible?*

*What are the countermeasures?*

*Share the information.*



# *Tsunami Related Activities*

- 1. Field Survey in Tsunami Affected Area*
- 2. Seminar and Training course for Tsunami Affected Countries Officers*
- 3. Questionnaire Survey on Tsunami Awareness (Indonesia, Sri Lanka,)*
- 4. Involvement in the Expert Missions to Assessment of Early Warning System and Mitigation*
- 5. Community Based Tsunami Awareness Project*
  - 5.1 Inamura-no Hi*
  - 5.2 Community Disaster Reduction Project (School Education / Community Hazard Mapping)*
  - 5.3 School Education Project in Thailand*





# Tsunami Awareness Project



July 1998

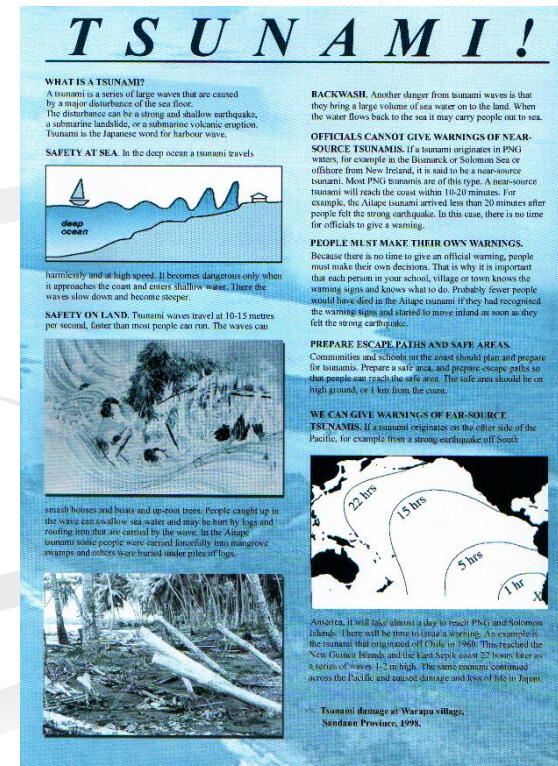
*2,200+ people were killed by gigantic tsunamis (Aitape west coast of PNG) generated by M7.1 Eq.*

*Tsunami Awareness Pamphlet/Booklet by ADRC and PNG*

Nov. 2000

*Powerful quake hit New Britain and New Ireland. But no casualty by tsunamis on PNG island coasts.*

**「すぐ避難せよ」の教訓が生かされた  
Live Lessons Saved Lives**





# *Development of Tsunami Awareness Booklet using “Inamura-no-hi”*

*Cooperation with:*

*Bangladesh: BDPC*

*India: SEEDS*

*Indonesia: MERCY Malaysia*

*Malaysia: MERCY Malaysia*

*Nepal: NSET*

*Singapore: MERCY Malaysia & SIF*

*Sri Lanka: Sarvodaya Shramadana  
Movement*

*Philippines: ALERT*



- *18 Tsunami awareness booklets in 9 languages destined to 8 countries in Asia, Bangladesh (Bengali), India (Hindi, Tamil), Indonesia (Indonesian), Malaysia (Malay), Nepal (Nepalese), Philippines (English-Adult, Tagalog-Children), Singapore (English) and Sri Lanka (Sinhalese)*



# Recovery Support through the International Recovery Platform (IRP)

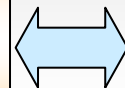


International Federation of Red Cross and Red Crescent Societies



**Advocacy and Knowledge Management**  
*Facilitate the dissem. of lessons*

**Capacity Build. And Training**  
*Strengthen national capacities*

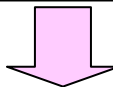
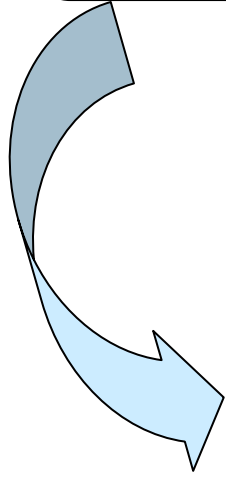


**IRP <Secretariat: Kobe>**  
*Provide a coordination framework and network*

*Established in May 2005*

**Enhanced Recovery Operations**  
*Provide advice/ support on formulation of reconstruction plan*

**Towards Sustainable Development through a Culture of Build Back Better (BBB)**





## *Recent Events by IRP to Expand its Network*

- 1. Side Event at Global Platform on Disaster Risk Reduction in Geneva, Jun 2007*

*‘International Recovery Platform  
– a Global Catalyst for Better Recovery- ’*



- 2. Side Event at the 2nd Asian Ministerial Conference on Disaster Risk Reduction (AMCDR), Nov 2007*

*Regional Recovery Forum*

*‘Beyond Lessons Learned from Post-Disaster Recovery’*

- 3. Co-Organizing a Recovery Session with CDERA at the Caribbean Conference on Comprehensive Disaster Management, Dec 2007*



# *Earthquake Risk Reduction and Recovery Preparedness (ERRP) Programme for South Asian Region*

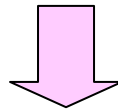
*UNDP in the context of the IRP developed a regional programme to address ERRP for South Asian region.  
Japanese Knowledge / Technologies are expected to be implemented through ADRC*

- *Project Budget : USD 4.83 million*
- *Funded by : Government of Japan (MoFA)*
- *Targeted countries :*
  - ▶ *Bangladesh, Bhutan, India, Nepal, Pakistan*
- *Proposed Project partners :*
  - ▶ *SAARC Sec., SCDM, ADRC, UN OPS*



# *The Purposes of the ERRP*

- *Strengthen the institutional and community capacity to plan and implement earthquake risk reduction strategies integrating disaster preparedness, mitigation and post disaster recovery*
- *Support regional cooperation for DRR and recovery preparedness in the context of SAARC Framework for Dis. Management*



*An Opportunity for a Field Testing of Recovery Support Tools developed by IRP*



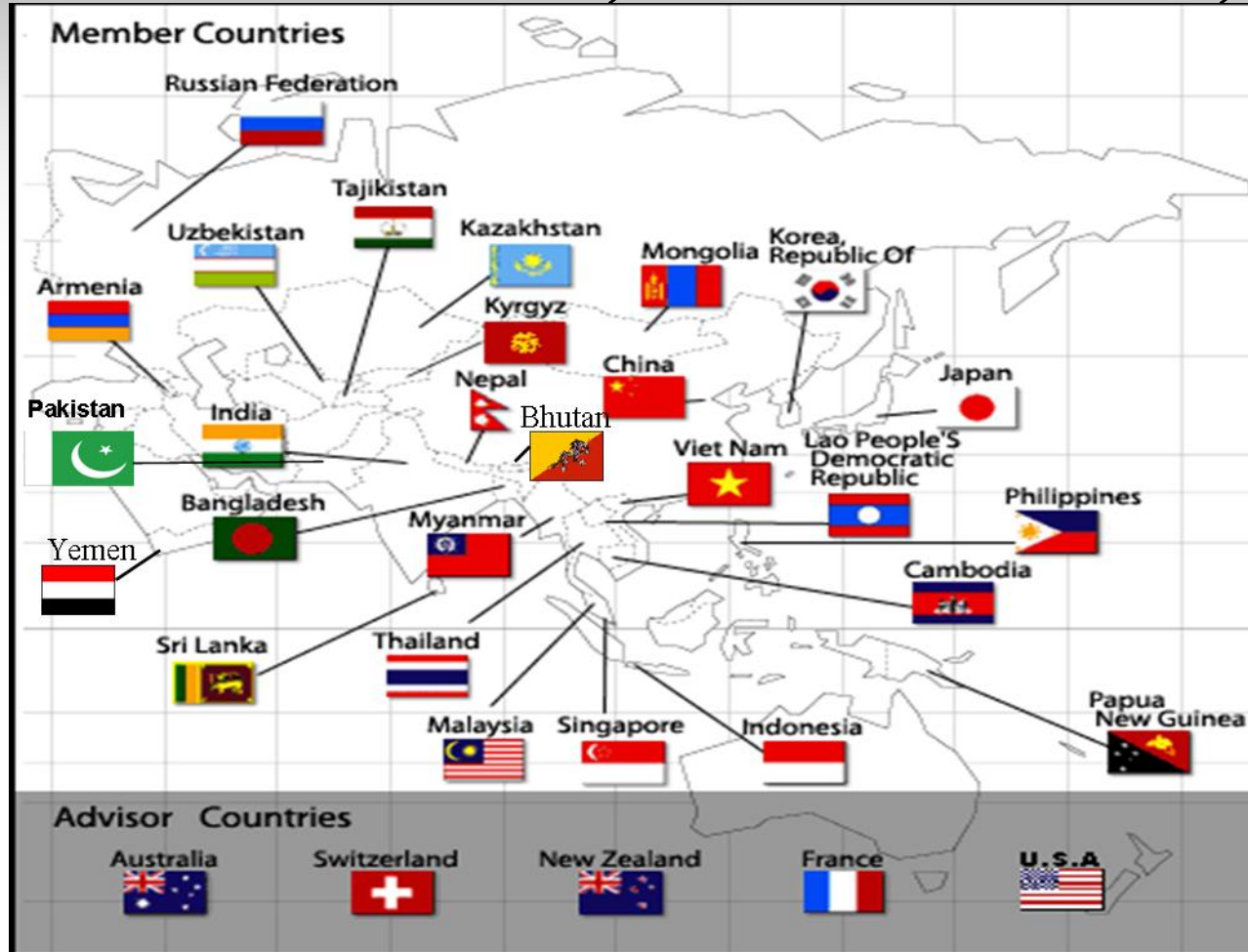
## *New Projects for Natural Disaster Mitigation in ASEAN*

- 1. Developing Teaching Materials and Training Teachers for Disaster Education Promotion*
- 2. Capacity Building for Local Officials on Disaster Management*
- 3. Application of Satellite Technologies to Disaster Management*
- 4. Development of Web-based GLIDE-associated Database on Natural Hazards*



# *Bhutan & Yemen join ADRC*

*27 Member Countries, 5 Advisor Countries, 1*







- *Asian Conference on Disaster Reduction 2008 is planning to be held in November*
- *Bali, INDONESIA*



*Thank You For Your Attention*