

## Seventh Regional Training Course on Flood Disaster Risk Management (FDRM-7)

Organized by  
Asian Disaster Preparedness Center

24<sup>th</sup> October - 4<sup>th</sup> November 2005  
Bangkok, Thailand

### PERSPECTIVE

Asia is the most disaster prone region in the world. Among the natural hazards that annually affect the region, flood is known to be the most destructive to property, crops and infrastructure. The global deaths due to flooding is ranked second only to storm surges, which can be considered a type of flash flood, but is presently not classified as flood disaster. The needs to combat the perennial problem of floods and the resultant destruction have been at the forefront of concern of most Asian nations. The Seventh Flood Risk Management Course offers an integrated approach to respond to this situation. Using lessons learned from both successful and failed experiences with structural, non-structural and the less structural strategies, the course enables the participants to understand and analyse causative factors and create recommendations appropriate to his/her country's flood situation.

### COURSE FRAMEWORK

The Seventh Flood Disaster Risk Mitigation Course is an integrated approach to development of flood risk reduction strategies that involves engineering, settlement, development, public administration, community-based strategies and land use planning (with environmental considerations). This multi-disciplinary treatment of the flood problem and of the requirements of flood risk management is expected to enable a holistic view of the situation and the needed preparedness measures. Cases of responses at the national and local levels are presented to give the mitigation measures concrete applications.

### COURSE PRECISE

The FDRM-7 has four modules that impart the information and skills in flood problem analysis, understanding and appreciation of the various approaches to flood risk reduction, determination of appropriateness of the strategies and/or measures to achieve the desired goal of flood risk/damage reduction. The training methodology includes interactive lecture, film/slides show presentations, workshops, individual work, case studies, plenary sessions, panel discussions and field visit cum lectures/interviews.

## BENEFITS OF THE COURSE

The Course is linked to a number of current ADPC flood-related initiatives, including the Flood Preparedness Information Network (FINE) in South Asia; the Extreme Climate Events (ECE) program; and the cooperation between ADPC and Mekong River Commission. Participants will be exposed to these endeavors, to learn from their experience and to establish linkages with them.

## COURSE CONCENTS

- **Module 1:** Introductory Sessions
  - The Asian Flood Situation
  - Global Concerns
  - Nature and Characteristics of Floods
- **Module 2:** Flood Risk Assessment
  - Flood Risk Analysis and Mapping
  - Vulnerability and Flood Damage Assessment
  - Capacity Analysis
  - Remote Sensing and Geographical Information Systems (GIS)
- **Module 3:** Flood Mitigation Strategies
  - The Structural Approach
  - Field Visit to Flood "Control" Projects
  - The Less Structural Approach
  - The Non-Structural Approach
  - Institutionalization and Policy Search
- **Module 4:** Learning Application
  - Project Development and Management Cycle
  - Indicative Planning for Flood Risk Management
  - GIS and Remote Sensing Application in Settlement Planning

## PARTICIPANTS

This course is designed for the disaster manager with flood hazard in his/her sphere of responsibility. Although the focused area is the Asia-Pacific Region, participants from areas outside this region are welcome to join the course. The FRM-7 specially encourages the participation of elected and appointed national and local(city/town) administrators, the development and planning authorities, water engineers and flood control professionals, national agencies' officials and staff in urban planning, housing, public works, and water resource development and management. The course is certain to benefit the private land and settlement developers, officials and personnel of relief

and rehabilitation agencies, the United Nations and similar international bodies, and NGOs involved in disaster mitigation.

#### **COURSE FEE**

The course fee is US\$ 2,000 per participant. Costs of books and materials are included in the fee. Course fee should be paid by money transfer/ international demand draft (DD) in advance or deposited at the time of Course Registration in cash or cheque payable to ADPC.

#### **APPLICATIONS**

Interested persons can apply directly but preferably be nominated by their employing organization/departments. To register, please fill-out the ADPC Application Form and fax it to the number given at the end of this brochure or write a letter of inquiry to the given address. If you have access to Internet, you may fill the online form at <http://www.adpc.net/training/form.html>. Further pre-course information will be provided once your nomination is accepted.

#### **ACCOMMODATION**

All participants will stay at the AIT Conference Center. The daily room rate is US\$ 23 per night for single room and US\$ 13 per person for twin share room.

#### **CONTACT ADDRESS**

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