

## Teachers in Indonesia Receive School Earthquake Safety Training

AUDMP's Indonesia Urban Disaster Mitigation Program (IUDMP) organized the first training for teachers in cooperation with the Ministry of National Education and USAID/Jakarta on 29-31 October 2001 in Bandung, Indonesia. The training was inaugurated by the Director General of Elementary and Secondary Schools of the National Education Department, Dr. Indra Jati Sidhi and attended by 60 teachers from the most earthquake prone cities in eleven provinces in Java, Sumatra and Bali, of which two cities have recently been affected by major earthquakes (Bengkulu and Banggai).

This training program for teachers will result in an outreach to increase earthquake awareness and preparedness of more than a thousand elementary school students throughout Southern Indonesia. The Ministry of National Education expressed interest to replicate the training course to other earthquake prone municipalities. Up to four training courses have been planned so far in the north and northeastern regions of Indonesia.

The training program consists of 18 modules, which are divided into 8 class modules and 10 exercise and simulation modules. These modules are covered in the three separate manuals/books, i.e. Teacher Resource Book, Teacher Activity Manual and Student Workbook. These three manuals are developed to complement each other. In order to teach earthquake issues covered in Teacher Activity Manual, teachers should understand the Resource Book first. The Teacher Activity Manual should be implemented together with the Student Workbook.

The information covered in these three manuals include: the earthquake phenomena and its impacts on school buildings and people; hazard and vulnerability identification for school facilities; disaster management and its incorporation in the School Action Plan; preparedness and the conduct of emergency response drills for schools during and after earthquake; and emotional rehabilitation and relief for school children after disasters.

Please see IUDMP section below for details on its replication.



Demonstration of school earthquake drill



Participants discuss earthquake preparedness

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**Core Group Meeting sets Directions for Year 2002**

The AUDMP Core Group Meeting (CGM) was held from 6-8 November 2001 in Hat Yai, Thailand to: evaluate and plan future directions for AUDMP's 10 country projects; discuss the processes for institutionalizing AUDMP training courses at the national level; and strategize on methods for networking and development and dissemination of information products.

As part of the latter, a first meeting of the Task Force for Asian Urban Disaster Mitigation Network (AUDMiN) preceded the CGM (please see Information and Networking section below). Recommendations from this meeting were presented and discussed in the CGM.

Field visits to the Municipal Office of Hat Yai and one of Hat Yai pumping stations were coordinated by AUDMP Thailand project partner, Dr. Charlchai Tanavud, Faculty of Natural Resources, Prince of Songkhla University, Hat Yai.



Deputy Mayor of Hat Yai briefs Core Group on their flood preparedness and mitigation activities

**Key outputs:**

- Strategies for continuing collaborations with completed projects
- Workplan for AUDMiN
- Introduction of a new series of AUDMP Case Studies
- Addition of a training of trainers course under TRMCE for national partner training institutions.

**National Demonstration Projects**

**Bangladesh Urban Disaster Mitigation Project (BUDMP)**

**School Children learn Do's and Don't during Urban Flood**

Following popular demand of BUDMP's initiative in conducting one-hour sessions on "Do's and Don'ts during Urban Flood" at secondary schools in Gaibandha and Tongi Municipalities during August and September, further sessions were held in October. A total of 910 students and 55 teachers have attended the sessions.

**BUDMP Strategize Replication Process**

Strategies BUDMP have used to encourage its replication include:

- Organization of meetings with the Municipality Chairmen Association of Bangladesh
- Conduct survey of 17 other potential flood prone municipalities for replication.
- Organize for Chairmen from other municipalities field visits to project activity sites in Gaibandha and Tongi

**Indonesia Urban Disaster Mitigation Project (IUDMP)**

**Replication of the Teachers Training Course on School Earthquake Safety**

Following the success of the first teachers training course on school earthquake safety from October 29-31, 2001, the Ministry of National Education expressed interest to replicate the training course to other earthquake prone municipalities. Up to four training courses have been planned so far.

This new teachers training course on school earthquake safety is in line with the new paradigm of the education system in Indonesia, i.e. the Competitive School Base Management, introduced under the recent Reformation. The system encourages community participation through the establishment of a School Board in each school to enhance its competitiveness. The School Board's stakeholders consist of:

representatives from the school, Parent Teacher Association (PTA), business and/or industry, religious organizations and community groups. The School Board will have the authority to establish the school's strategy and implement the education program.

To promote competitiveness, each school will not only implement the national curriculum but will also be able to add a genuine local curriculum and extra curriculum program. It is hoped that the School Board could also be a catalyst in encouraging the implementation of earthquake safety program in schools throughout Indonesia.

### **Sri Lanka Urban Multi-Hazard Disaster Mitigation Project (SLUMDMP)**

#### **Local Authorities unite Environment and Disaster**

The Disaster Mitigation Action Plan for Kelani River Flood Protection has been integrated with the National Program on Clean Rivers and will be implemented by the Ministry of Forestry and Environment.

In setting up a mechanism to implement this program, the Environment Steering Committee already established in the local authorities would be reformed as Environment and Disaster Mitigation Steering Committees (EDMSCs). SLUMDMP has been a catalyst for initiating the establishment of EDMSCs within all local authorities located along the Kelani River. The Ministry of Forestry and Environment will be responsible for monitoring this activity.

#### **Disaster Resistant Shelter in Vietnam**

##### **AUDMP identifies Project in Vietnam**

A team from AUDMP and Mr. Tom Brennan of OFDA/USAID were in Hanoi, Vietnam from 21-27 October on a pre-design mission to carry out a quick analysis of the needs of Vietnam in relation to disaster-resistant shelters.

As a result of the mission, the concept of the project was identified. It includes three components: (1) to define technical solutions for disaster-resistant shelters; (2) to transfer these technical solutions; and (3) to develop

financial systems for delivery of these technical solutions. In this process, ADPC intends to work with the Vietnamese Government in putting together a supportive policy environment for the above components.

In the upcoming months, ADPC in partnership with Vietnamese and international organizations is planning to conduct a two-day workshop on disaster-resistant shelter in Vietnam to discuss, review and analyze the components identified above.



Impact of typhoon & flood in Vietnam

#### **Training, Resource Materials and Continuing Education**

##### **AUDMP introduce Urban Disaster Mitigation in Universities**

Universities in India, the Philippines, Sri Lanka and Thailand have expressed the need for integrating a curriculum on urban disaster mitigation into their undergraduate and postgraduate urban planning programs.

AUDMP supports this initiative and plans for implementing this process has begun. The introduction of urban disaster mitigation in academia, and more specifically, in the field of urban planning, is critical in the promotion of sustainable urban development through disaster risk reduction.

#### **Information and Networking**

##### **Partners of AUDMP Steer Asian Urban Disaster Mitigation Network (AUDMiN)**

During this year's sixth AUDMP working group meeting on 26-28 March an Asian Urban Disaster Mitigation Network (AUDMiN)

was established to continue generating knowledge, sharing experiences and innovating practices of urban disaster mitigation even after AUDMP ends.

The first meeting of the appointed task force members of AUDMiN was held on 5 November 2001 to consolidate the network's objectives and structure, and develop a six-month workplan for the network.

The main catalyst for this network's dynamism is the AUDMiN Steering Committee currently comprised of representatives from ADPC and AUDMP partner organizations including: Cambodian Red Cross, CARE Bangladesh, Center for Housing, Planning and Building of Sri Lanka, Indonesia's Institute of Technology Bandung (ITB) and Nepal's National Society for Earthquake Technology. For the initial two years ADPC, as Secretariat of AUDMiN, will support the operations of the network.

Dr. Harkunti Rahayu of ITB has been nominated as Convenor of the AUDMiN Steering Committee in the next six months to guide and prompt discussions on topics identified during the meeting. Proposed topics include: disaster risk reduction and sustainable development, awareness raising and communications, and application of science and technology, to name a few.

Currently a closed network, AUDMiN's long-term targets include: an open membership structure and linkages with other related networks for exchange of assessment and mitigation tools, lessons learned and good practices; the development of a database of urban disaster mitigation specialists and program outputs with a mechanism in place for providing advices on specific queries from members; and the bringing together of members annually in a selected city and/or

through the Internet to share experiences and create synergies.



Members of AUDMiN

**Announcement**  
**Dubai International Awards for Best Practices**

To promote the sharing of information, experience and expertise on improving living conditions, the United Nations Centre for Human Settlements (UNCHS) and the Dubai Municipality coordinate an awards program and maintain a growing, searchable database of over 1100 best practices from 120 countries.

AUDMP is willing to support and nominate our partners in the category of improved disaster preparedness, mitigation and reconstruction.

The deadline for application of 2002 awards is 31 March 2002. For more information, please visit website:

<http://www.bestpractices.org>

**The Asian Urban Disaster Mitigation Program (AUDMP)** is an eight-year program designed to reduce the natural disaster vulnerability of urban populations, infrastructure, critical facilities and shelter in Asian cities. Currently, projects under the AUDMP are being implemented in sites in 9 countries – Bangladesh, Cambodia, India, Indonesia, Lao PDR, Nepal, Philippines, Sri Lanka and Thailand. Pipeline projects are planned in China and Vietnam. Core funding for the AUDMP comes from the Office of Foreign Disaster Assistance (OFDA) of the United States Agency for International Development (USAID). Additional funds come from ADPC and collaborating institutions in target countries. The program is managed by the USAID's Regional Urban Development Office for South Asia (RUDO/SA) and is implemented by ADPC in Bangkok, Thailand.

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