

application

Interested persons can apply directly but preferably be nominated by their employer 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 at the given address.

language requirement

All training materials are presented in English. It is essential that participants are fully conversant in English language.

resource persons

Resource persons are selected experts from International Organizations, Educational and Research Institutions, National and Local Governments, Land Use and Urban Planners, Hazard Mitigation Specialist and experts from ADPC.

accomodation

ADPC can arrange accomodation if participants wish for assistance in this regard. Please indicate preference for single/sharing accomodation. The cost will be notified in due course.

venue

Venue will be announced later.

schedule

Lao PDR: 8-12 November 2004
Sri Lanka: 13-17 december 2004

organized by



asian disaster preparedness center

Established in 1986, ADPC is a leading regional resource center dedicated to disaster reduction. ADPC works with governments, NGOs and communities of the Asia and Pacific regions to strengthen their capacities in disaster preparedness, mitigation and response through training, technical assistance, regional program management, country project demonstration, information sharing and research.

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in collaboration with



**GIS Application Center
(GAC)**
Asian Institute of Technology

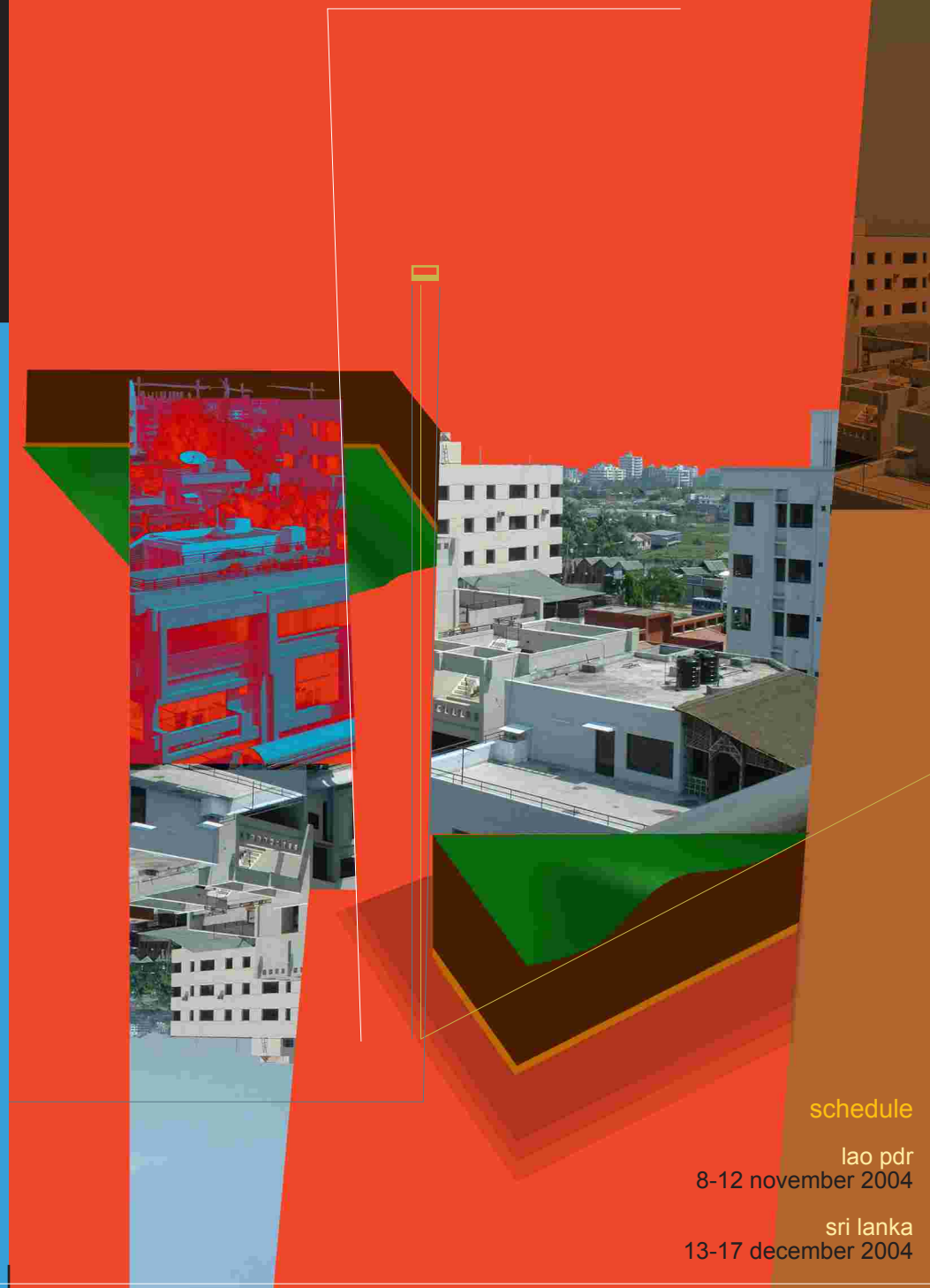
GIS Application Center (GAC) was established in September 1995 in Asian Institute of Technology (AIT) as a non-profit training center with an aim to disseminate the state-of-the-art GIS, Remote Sensing and GPS technologies, and capacity building in the Asia-Pacific region.



Asian Institute of Tecnology

AIT, established in 1959, is an international graduate institution of higher learning with a mission to develop highly qualified and committed professionals who will play a leading role in the sustainable development of the region and its integration into the global economy.

Land Use Planning for
Disaster Risk Management



schedule

lao pdr
8-12 november 2004

sri lanka
13-17 december 2004

overview and rationale



Asia is the most disaster-prone region of the world, where loss of life and property from natural hazards is very high, hindering sustainable, broad-based development. As population and economic activity concentrate in rapidly growing cities, urban areas become increasingly vulnerable to disasters. Where properly managed, however, cities also represent a critical opportunity to mitigate the damage from natural hazards.

The Land Use Planning for Disaster Risk Management Course was designed to merge experiences from two professional fields of practice , Land Use Planning and Risk Management , aiming at developing framework to integrate a set of generic and hazard-specific risk management principles into the planning and management of land use.

The course also hopes to stimulate dialogue about ways cities and local governments can minimize risks in developing long-range land use policy strategies, and in carrying out day-to-day development review responsibilities. Dealing with risks effectively will involve not just one or two players, but full range of elected and appointed officials in a jurisdiction. Alone, a manager or a planning director can raise issues , but all officials who are part of the land use planning process must have an understanding of the risk management issues with which they are dealing. The course attempts to instill the importance of this team play.

objectives

- To raise the level of awareness of the necessity of integrating disaster mitigation measures in the land use planning and management process
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- To develop administrative, managerial and professional skills in the practice of urban risk disaster mitigation.
- To provide knowledge and skills to identify, assess and treat the problems within the preview of land use planning process
- To motivate participants to initiate actions for disaster risk analysis, implement mitigation measures, and analyze the status of disaster risk and mitigation measures in cities.
- To learn from successes and failures by mutual sharing of experience among participants and with the resource persons.

course modules

module 1. Hazards, Vulnerability and Risk

- This module will have Four Sessions integrated with a desktop simulation exercise. The participants will learn the *definitions, concepts and generic methodologies of Risk Management.*

module 2. Opportunities of Land Use Planning for Risk Based Mitigation

- This module will have Five Sessions and the participants will review existing strategies of *Land Use Planning, Policy Environment, Land Use Planning for development projects and Land Use Planning for Hazard Specific Risk Mitigation.*

module 3. Risk Mitigation Planning as a Process

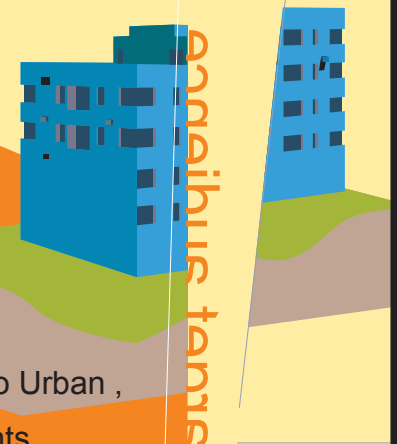
- This module would be a desk top simulation exercise based on a scenario. Participants will gain 'hands-on' experience in *developing a Risk Mitigation Plan.*

All three modules will contain GIS case studies to demonstrate the effectiveness of usage of spatial database in land use planning and management

target audience

- 🏢 Land Use Planners
- 🏢 Urban Planner
- 🏢 Municipal Engineers and other professionals
- 🏢 Administrative/Elected Officers to Urban , Municipal and local governments

target audience



Urban Disaster Risk Management (UDRM)

The outcome of Asia's high rate of urbanization has been the expansion of urban populations in geographic areas which are prone to disaster impact. The result is an increased vulnerability of populations and infrastructure. Disaster mitigation measures such as:

- earthquake and cyclone-resistance building and infrastructure
- flood and landslide control measures
- incorporation of disaster vulnerability into land use planning
- introduction of regulatory measures in industrialized zones

have rarely been attempted in most Asian countries. Activities undertaken by the Asian Urban Disaster Mitigation Program (AUDMP) over a period of eight years, have demonstrated the effectiveness of mitigation measures in reducing natural disaster vulnerability. Demonstration projects in nine countries , information dissemination and networking activities, and the regional training courses on Earthquake Vulnerability Reduction , Flood Risk Mitigation, Technological Risk Reduction and Urban Disaster Mitigation have convincingly brought to light the opportunities for high impact interventions. Local officials in selected cities have positively responded to the initial project activities by the way of funding and incorporating disaster vulnerability considerations to their buildings and zoning regulations.

Currently, a significant high demand is apparent for Urban Disaster Risk Management (UDRM) , not only in AUDMP target countries but also in other countries of the region. This demand for expansion of UDRM activities has been set to improve response, preparedness capacities to reduce the vulnerability.

As ADPC has been implementing and linking diverse activities through out the region, it has recognized the importance of enhancing the scope of AUDMP through the theme action which is focused on Urban Disaster Risk Management. This will become a permanent focus area of ADPC for future endeavor. UDRM will continue to facilitate interventions for promotion of local and traditional practices, research and technology transfer, replication of best practices, promotion of innovative solutions, development of information products to capture experiences for their dissemination as well as training and capacity-building.