



Safer Communities and Sustainable Development through Disaster Reduction



## MESSAGE FROM THE EXECUTIVE DIRECTOR



Dr. Suvit Yodmani

Asia and the Pacific regions are the most disaster prone regions in the world. The Asian Disaster Preparedness Center was set up 16 years ago in 1986 as an outreach activity of the Asian Institute of Technology with the aim of strengthening the national disaster management systems in these regions through training, technical assistance, information sharing, research and networking support, partnership development, advocacy and program management. Over the years, ADPC has grown in stature as one of the lead disaster management centers in the region. Since establishing itself as an independently managed center in 1999, ADPC has its own Board of Trustees and Advisory Council, and a mechanism of regional cooperation in disaster management through its Regional Consultative Committee (RCC).

In the coming years, ADPC envisions to be a strong influence in the region raising awareness in disaster management at all levels and in all communities, playing the intermediary role in bringing the researchers and scientists, the decision-makers and the practitioners together thereby increasing the dialogue amongst the key players in disaster management. Thus it is our sincere effort to make these regions safer and transfer our experiences and knowledge worldwide.





In 1998-99 property damage from floods alone amounted to over US\$40 billion in Bangladesh, China, India and Vietnam.



Between 1970 and 1997, Asia suffered 87% of all casualties resulting from natural disasters.

## INTRODUCTION



Princess Sirindhorn's visit to ADPC



Signing of MOU between ADPC & UNDRO, 1986

Based in Bangkok, ADPC is a regional resource center working towards safer communities and sustainable development through disaster reduction in Asia and the Pacific.

Since its establishment in 1986, ADPC programs demonstrate a wide diversity in application, address all types of disasters, and cover all aspects of the disaster management spectrum - from prevention and mitigation, through preparedness and response, to reconstruction and rehabilitation. The Center has been continually adapting its approach to cater more effectively to the specific needs of Asian countries. Today ADPC is a focal point for raising disaster awareness and a leading promoter of total risk management in Asia and the Pacific.

Initially an outreach center of the Asian Institute of Technology, ADPC became an independent international non-profit foundation registered in Thailand, in 1999. The Center is governed by an international Board of Trustees chaired by Chairman H. E. Prof. Dr. Krasae Chanawongse from Thailand and Vice-Chairman Honorable Corazon Alma G. de Leon of the Philippines. An international Advisory Council comprising disaster management experts and a Regional Consultative Committee on Disaster Management Cooperation advise the Center on its programmatic direction.

The primary activities of ADPC include training and education, technical services, information, research, networking support, partnership development, advocacy and regional program management. Presently ADPC is staffed with 60 professionals from 13 countries.

## ADPC Coals

- To mainstream disaster reduction in development
- To build and strengthen capacities
- To facilitate partnerships and exchange of experiences
- To be recognized as a proactive and responsive regional resource
- To achieve quality service through a team approach



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## TRAINING AND EDUCATION

Regular courses and workshops are conducted by ADPC at its Bangkok headquarters and in countries throughout the region. The range of topics includes Fundamentals of Disaster Management, Urban Disaster Mitigation, Seismic, Cyclone and Flood Hazards Mitigation, Technological Hazards, Crisis Management and Community-based Approaches to Disaster Management.

Since 1986, ADPC's alumni base from its regional courses alone has expanded to more than 3500 professionals working at senior and middle management levels in national and provincial governments, national and international NGOs, UN organizations, donor agencies, universities, and the private sector. With their diverse professional backgrounds and institutional relationships, ADPC alumni constitute an excellent corps of qualified and dedicated individuals working as champions of effective disaster reduction at the national level in countries of the region.

Training Session



## ADPC Resources and Strengths

Strengths Represents state-of-the-art Responsive to changes in Close to it's own constituencies

## The Core adpc

A multi-disciplinary team of professionals with varied nationalities and expertise

A network of 3500 alumni A roster of more than 300 Established relationships with



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Has demonstrated

With increasing policy level commitment to comprehensive disaster management in the region, ADPC has become more and more involved in assisting countries in formulating national disaster management policies and strengthening their disaster management institutions. ADPC has a roster of over 300 disaster management specialists providing services in a variety of areas encompassing the fields of post-disaster assessment, civil engineering and mitigation practice, the planning of immediate relief response and subsequent rehabilitation activities, and institutional capacity building.

TECHNICAL SERVICES

ADPC has served as chief technical resource for a number of UNDP-funded disaster management capacity-building programs at the national level. ADPC has also provided technical services to other UN organizations such as Food and Agricultural Organization (FAO) and UN Habitat, NGOs such as CARE and Red Cross Societies and international financial institutions such as the Asian Development Bank and the World Bank.



## INFORMATION, RESEARCH AND NETWORKING SUPPORT



Information and research functions of ADPC strive to support the information and research needs of ADPC training courses and technical services, as well as the needs of ADPC partners in the region.

ADPC has one of the best collections of published and unpublished information resources on disaster management in the region. With over 6000 entries, the library database can be accessed and searched through ADPC's website. The website provides information on ADPC's work including project reports, technical papers, country disaster profiles, subject bibliographies and links to other organizations and information

sources. ADPC publishes a quarterly - Asian Disaster Management News - that acts as a channel of communication and source of information for disaster managers in the region. The publication can also be accessed through ADPC website: http://www.adpc.ait.ac.th

ADPC has helped in the formation and sustenance of networks of individuals and organizations working on different aspects of disaster management in the region so as to provide platforms to share experiences, build synergies and explore possibilities for collaboration.

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## **REGIONAL PROGRAMS**

Since its establishment, ADPC has steadily built its capacity to manage regional programs in disaster management. These programs work in close collaboration with national partner institutions, build their capacities and draw upon ADPC's strength in the key functional areas of training, information, research, networking and technical assistance.

These programs are multi-country and multi-year and cover a number of thematic areas in disaster management. The programs are presently being run in over 11 countries in South and South-East Asia on a variety of themes from urban disaster mitigation, emergency response, climatic forecast application, community based disaster management, earthquake vulnerability reduction, flood mitigation, information sharing and networking in disaster management, damage assessment and needs analysis etc.





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## **REGIONAL PROGRAMS**

### Asian Urban Disaster Program (AUDMP)

Launched in 1995, the AUDMP is an eight-year program designed to respond to the need for safer cities. The Program is funded by United States Office of Foreign Disaster Assistance (US-OFDA). The goal of AUDMP is to reduce the disaster vulnerability of urban populations, infrastructure, critical facilities and shelter in targeted cities in Asia, and to promote replication and adaptation of successful mitigation measures throughout the region. Towards this end, the Program conducts national demonstration projects, information dissemination and networking activities and policy seminars and professional training in the target countries of Bangladesh, Cambodia, India, Indonesia, Lao PDR, Nepal, Philippines, Sri Lanka, Thailand and Vietnam.



Shake Table Demonstration

## Program for Enhancement of Emergency Response (PEER)

Launched in 1998, the PEER program focuses on improving search and rescue capability and performance of first responders through sustainable training at regional, sub-regional and national levels. Funded by OFDA, the Program focuses on India, Indonesia, Nepal and the Philippines. The main courses conducted under PEER include Training for Instructors (TFI), Medical First Responder Training (MFR), Collapsed Structure Search and Rescue Course (CSSR) and Hospital Preparedness for Emergencies (HOPE).

## **Extreme Climate Events Program (ECE)**

Initiated in response to El Niño 1997-98, the goal of the ECE Program is to improve the understanding of impacts of extreme climate events such as El Niño and La Niña on Asian countries and reduce their negative impacts and enhance potential benefits through effective application of climate information. The program currently runs in Indonesia, the Philippines and Vietnam and is planned to be extended to Bangladesh and Thailand.

The ECE program is supported by OFDA and National Oceanic and atmospheric Administration (NOAA) of the United States. The program has built collaborative linkages with the national meteorological services of the region, regional institutions such as ASEAN Specialized Meteorological Center and international institutions such as the World Meteorological Organization, International Research Institute for Climate Prediction (IRI) and the East West Center.

## Partnerships for Disaster Reduction in Southeast Asia (PDR-SEA)

The PDR-SEA is a regional program implemented by ADPC, with funding support from the European Commission Humanitarian Office under its Second DIPECHO Action Plan for Southeast Asia. The one-year program aims to develop the capacities of communities to prevent and mitigate the impact of disasters through training and information exchange among partners in DIPECHO target countries in the region, namely, Cambodia, Indonesia, Lao PDR, the Philippines and Vietnam.

## Disaster Reduction Program in Cambodia, Lao and Vietnam (DRP-CLV)

Launched in January 2002, with support from the Danish International Development Agency (DANIDA), the DRP-CLV aims to assist the national disaster management offices in the target countries in reducing the vulnerability of communities through enhancement of existing institutional capacity for disaster

management, preparedness and mitigation.



## ADPC PARTNERS

#### NATIONAL PARTNERS

#### Australia

- Emergency Management Australia (EMA), Canberra Australian Emergency Management Institute (AEMI), Mt. Macedon
- Department of Emergency Services (DES), Ministry of Emergency Services, Queensland Government, Brisbane Melbourne Metropolitan Fire and Emergency Services Board
- (MFESB) Swinburne University of Technology, Hawthorn, Victoria

#### Bangladesh

- Bangladesh Red Crescent Society (BDRCS), Dhaka Bangladesh Public Administration Training Centre (BPATC),
- Cooperative Assistance for Relief Everywhere (CARE), Dhaka Centre on Integrated Rural Development for Asia and the Pacific (CIRDAP), Dhaka
- Flood Forecasting and Warning Center (FFWC) Bangladesh Water Development Board, Dhaka International Federation of Red Cross (IFRC) and Red Crescent
- Societies, Dhaka Intermediate Technology Development Group (ITDG), Dhaka
- Ministry of Disaster Management and Relief (MDMR), Dhaka Canada
- International Development Research Centre (IDRC), Ottawa Cambodia
- Cambodian Red Cross (CRC), Phnom Penh
- National Committee for Disaster Management (NCDM), Phnom Penh
- PACT Cambodia, Phnom Penh
- United Nations Development Program (UNDP), Cambodia China

#### Beijing Bureau of Civil Affairs

- China Association for NGO Cooperation (CANGO)/ China International Center for Economic & Technical Exchanges (CICETE), Ministry of Foreign Trade & Economic Cooperation, Beiiina
- China Meteorological Administration (CMA), Beijing
- Office of China National Committee for the International Disaster Reduction (CNCIDR), Ministry of Civil Affairs, Beijing United Nations Development Program (UNDP) , China

#### Hong Kong

- Auxiliary Medical Service Civil Aid Service
- Leisure and Cultural Services Department, Government of Hong Kong

#### India

- Baroda Citizen's Council (BCC), Baroda CSIR, New Delhi
- Disaster Mitigation Institute, Ahmedabad Housing and Urban Development Corporation Ltd. (HUDCO), New Delhi
- National Safety Council of India (NSCI), Mumbai Natural Disaster Management Division, Department of Agriculture and Cooperation, Ministry of Agriculture,
- New Delhi Directorate General of Civil Defence (DGCD), Ministry of
- Home Affairs, Government of India Human Settlement Management Institute (HSMI), Delhi, India National Center for Disaster Management (NCDM), Indian
- Institute of Public Administration (IIPA), Delhi Times Research Foundation (TRF), Calcutta
- University of Roorkee, Roorkee

#### Indonesia

- BAKORNAS PB (National Disaster Management Coordinating Board), Jakarta
- BIRO Meteorological and Geophysics (BMG), Jakarta
- Institute of Technology (ITB), Bandung Center for Natural Disaster Studies (CNDS), Yogyakarta
- Indonesian Red Cross Society, Jakarta Training and Education Agency, Ministry of Home Affairs
- (BADANIKLAT)

#### Japan

- Asian Disaster Reduction Center (ADRC), Kobe Earthquake Disaster Mitigation Research Center (EDM), Kyoto Japan International Cooperation of Welfare Services
- (JICWELS), Tokyo Democratic Peoples Republic of Korea
- General Bureau for Cooperation with International Organizations (GBICO)

## Lao PDR

Lao Red Cross Society, Vientiane Ministry of Agriculture and Forestry, Vientiane National Disaster Management Office (NDMO) Ministry of Labour and Social Welfare, Vientiane United Nations Development Program (UNDP)

#### Myanmar

- United Nations Development Program (UNDP), Myanmar Nepal
- Disaster Relief Section, Ministry of Home Affairs, Kathmandu International Centre for Integrated Mountain Development (ICIMOD), Kathmandu
- Ministry of Home Affairs, Kathmandu
- National Society for Earthquake Technology (NSET), Kathmandu
- Nepal Administrative Staff College (NASC)
- Nepal Red Cross Society, Kathmandu Royal Nepal Academy of Science & Technology, Kathmandu Water Induced Disaster Prevention Center (DPTC), Kathmandu United Nations Development Programme (UNDP-DMTP) Nepal

#### Netherlands Catholic Organisation for Relief and Development (CORDAID),

- Haque
  - New Zealand
  - Ministry of Emergency Management, Wellington Philippines
  - Center for Disaster Preparedness Foundation Inc. (CDP), Manila
  - Civil Service Commission (CSC), Manila
  - Citizen's Disaster Response Center (CDRC), Manila Corporate Network for Disaster Response (CNDR), Manila Department of National Defense, National Defense College
  - of the Philippines, Manila Department of Social Welfare and Development (DSWD),
  - National Economic and Development Authority, Manila National Disaster Coordinating Council (NDCC), Manila
  - Office of Civil Defense (OCD), Manila The League of Cities of the Philippines (LOC), Manila
  - Philippine Business for Social Progress (PBSP), Manila Russia
  - Ministry of the Russian Federation for Civil Defence Emergencies and Elimination of Consequences of Natural Disasters (EMERCOM) of Russia, Moscow

- Singapore Singapore Civil Defence Force (SCDF)
- Singapore International Foundation

#### Sri Lanka

- Center for Housing & Planning &Building (CHPB), National Building Research Organization, Ministry of Housing, Construction & Public Utilities, Colombo
- Intermediate Technology Development Group (ITDG), Colombo
- National Disaster Management Centre (NDMC), Ministry of Social Services, Colombo
- Sri Lanka Institute for Development Administration (SLIDA), Ministry of Public Administration, Colombo
- United Nations Development Program (UNDP), Sri Lanka

#### Thailand

- Department of Local Administration (DOLA), Ministry of Interior, Royal Thai Government (RTG), Bangkok
- Department of East Asian Affairs, Ministry of Foreign Affairs, Royal Thai Government (RTG), Bangkok Fire and Rescue Association (FARA), Bangkok
- Thailand Mine Action Center (TMAC), Royal Thai Government (RTG), Bangkok
- Thailand Campaign to Ban Landmines (TCBL), Bangkok Thai Red Cross, Bangkok

#### **United Kingdom**

- Action Aid, London
- Cranfield University, Swindon Christian Aid, London
- OCKENDEN International, Surrey OXFAM, Oxford

#### **United States of America**

- Cooperative Assistance for Relief Everywhere (CARE), Atlanta Center for Disease Control (CDC), Atlanta Federal Emergency Management Agency (FEMA), Maryland International Research Institute for Climate Prediction (IRI),
- New York National Oceanic & Atmospheric Administration (NOAA), Maryland
- University of Colorado at Boulder, Colorado

#### Vietnam

- Disaster Management Center (DMC), Hanoi Department of Storm and Flood Control, Ministry of
- Agriculture and Rural Development, Hanoi Hydro Meteorological Service (HMS), Hanoi
- International Federation of Red Cross Delegation, Vietnam National Red Cross Society, Hanoi

#### **REGIONAL PARTNERS**

America (LARED)

(IULA-ASPAC)

Kathmandu

Kobe, Japan

Bangladesh

Colombo, Sri Lanka

Typhoon Committee (TC) Tropical Cyclone Panel (TCP)

INTERNATIONAL PARTNERS

Canberra, ACT, Australia

European Union (EU)

Geneva, Switzerland

**Development Division** 

World Vision

DC. USA

ASEAN Experts Group on Disaster Management (AEGDM), ASEAN Secretariat, Jakarta ASEAN Regional Forum Inter Sessional Meetings on Disaster

autor and the

- Relief (ARF-ISM)
- Association of Southeast Asian Nations, ASEAN Secretariat, Jakarta Asian Development Bank (ADB), Manila
- Asian Disaster Reduction Center (ADRC), Kobe Humanitarian Assistance (CFE), Hawaii

Center for Excellence in Disaster Management &

Duryog Nivaran - Network of Disaster Management Organizations and Individuals in South Asia Mekong River Commission (MC), Cambodia Network for Social Studies on Disaster Reduction in Latin

International Federation of Red Cross and Red Crescent

South East Asian Delegation, Bangkok International Union of Local Authorities, Asia Pacific Sector

Regional Urban Development Office (RUDO), United States

Agency for International Development (USAID), Jakarta Regional Urban Development Office (RUDO), United States

Agency for International Development (USAID), New Delhi South Asian Association for Regional Cooperation (SAARC),

United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), Bangladesh United Nations Center for Human Settlements - HABITAT (UNCHS), Regional Office, Fukuoka, Japan United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA), Asian Regional Disaster Response Advisor, Kobo, Japan

United Nations Office for Project Services (UNOPS), Dhaka,

Australian Agency for International Development (AusAID),

International Decade for National Disaster Reduction (IDNDR),

Crescent Societies International Strategy for Disaster Reduction (ISDR) Japan International Cooperation Agency (JICA), Japan Office of Foreign Disaster Assistance (OFDA), United States Agency for International Development (USAID), Washington

United Kingdom Urban Programs Office, United States Agency for International Development (USAID), Washington DC, USA United Nations Environment Programme (UNEP), Division

Technology Industry and Economics United Nations Environment & Social Commission for Asia and

(UNCHS), Nairobi, Kenya United Nations Office of Coordination of Humanitarian Affairs

the Pacific (ESCAP), Environment and Natural Resources

United Nations Center for Human Settlements - HABITAT

(UN-OCHA), Geneva, Switzerland UN Transitional Administration, East Timor

World Health Organization (WHO) World Meteorological Organization (WMO)

World Bank (WB), Washington DC, USA World Food Program (WFP)

World Seismic Safety Initiative (WSSI)

Office of Global Programs (OGP), National Oceanic and Atmospheric Administration (NOAA), Washington DC, USA

Department for International Development (DFID),

Canadian International Development Agency (CIDA)

Danish International Development Agency (DANIDA)

European Community Humanitarian Office (ECHO)

International Federation of Red Cross (IFRC) and Red Crescent Societies

GeoHazards International (GHI), California, USA German Technological Cooperation (GTZ)

South Asia Cooperative Environment Program (SACEP).

Societies, South Asian Delegation, New Delhi

## PLANNING, DEVELOPMENT AND PARTNERSHIPS (PDP)

The PDP division of ADPC supports the planning, development and growth of ADPC based on a systematic evaluation and needs assessment in the region. PDP plays a crucial role in strategic planning, identifying new project opportunities, project development and marketing of ADPC capacities and services. The division promotes and consolidates partnerships with disaster management organizations internationally and in countries of the region. It also serves as the secretariat for ADPC Board of Trustees, Advisory Committee and the Consultative Committee on Regional Cooperation, and coordinates ADPC partnerships with sub-regional entities such as ASEAN, SAARC, BIMSTEC, SOPAC, MRC, ICIMOD etc.



## ADPC BOARD OF TRUSTEES

H.E. Prof. Dr. Krasae Chanawongse Minister to the Prime Minister's Office Royal Thai Government Chairman, Board of Trustees ADPC Foundation

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Plenipotentiary, The Embassy of the Democratic Socialist Republic of Sri Lanka, Thailand

H.E. Mr. Yan Ting'ai

Ambassador Extraordinary and Plenipotentiary, The Embassy of the People's Republic of China Bangkok



## ADPC COUNTRIES OF OPERATION



Asia and Middle East	South Pacific	Europe	Americas	Africa
<ul> <li>AFGHANISTAN</li> <li>KYRGYZSTAN</li> <li>BANGLADESH</li> <li>LAO PDR</li> <li>BHUTAN</li> <li>MALAYSIA</li> <li>BRUNEI</li> <li>MALDIVES</li> <li>CAMBODIA</li> <li>MONGOLIA</li> <li>CHINA</li> <li>MYANMAR</li> <li>CHINESE TAIPEI</li> <li>NEPAL</li> <li>EAST TIMOR</li> <li>PAPUA NEW GUINEA</li> <li>INDONESIA</li> <li>PHILIPPINES</li> <li>IRAN</li> <li>SINGAPORE</li> <li>JAPAN</li> <li>SRI LANKA</li> <li>JORDAN</li> <li>THAILAND</li> <li>KAZAKHSTAN</li> <li>VIETNAM</li> </ul>	<ul> <li>AMERICAN SAMOA</li> <li>AUSTRALIA</li> <li>COOK ISLANDS</li> <li>FIJI</li> <li>KIRIBATI</li> <li>MALDIVES</li> <li>MASHALL ISLANDS</li> <li>MAURITIUS</li> <li>MICRONESIA</li> <li>NEW ZEALAND</li> <li>NIUE</li> <li>PALAU</li> <li>SOLOMON</li> <li>TOKELAU</li> <li>TONGA</li> <li>TUVALU</li> <li>VANUATU</li> </ul>	O Current	<ul> <li>BRAZIL</li> <li>CANADA</li> <li>COSTA RICA</li> <li>HAITI</li> <li>MEXICO</li> <li>PANAMA</li> <li>USA</li> <li>VENEZUELA</li> <li>WEST INDIES</li> </ul> EACH OF ADPC ADPC Projects and Jumni from Training	

NATURAL DISASTERS CANNOT BE PREVENTED, BUT THEIR DEVASTATING EFFECTS CAN BE MINIMIZED.



## MISSION STATEMENT

To reduce the impact of disasters on communities and countries in Asia and the Pacific by raising awareness, helping to establish and strengthen sustainable institutional mechanisms, enhancing knowledge and skills, and facilitating exchange of information, experience and expertise



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