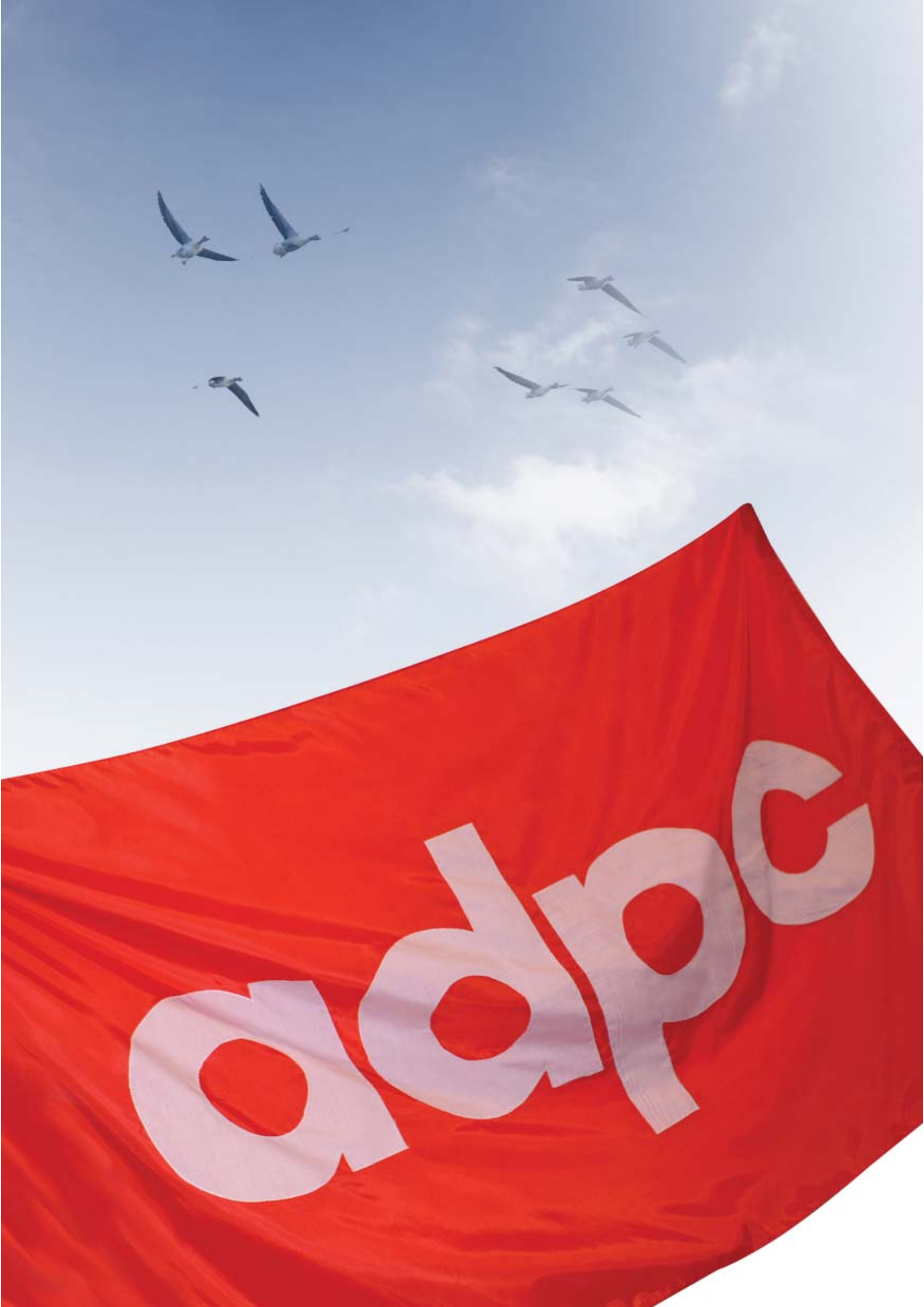




Summary
ADPC Activity
Report
2005
2010



Years in Review 2005-2010

Col. Brian Ward
(1932-2004)

*Founding Trustee and Adviser, Director Emeritus
Mentor, teacher, guide and friend for the lives that he touched
A role model to the International disaster risk management movement*

With fond remembrance, ADPC pays tribute by naming the Conference Room in ADPC's new office, Sanam Pao after him.



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Mr. Virasakdi Futrakul**

Permanent Secretary, Ministry of Foreign Affairs

Ministry of Finance, Royal Thai Government

**Mr. Areepong Bhoocha-oom,
Mr. Sathit Limpongpan,
Mr. Suparut Kawatkul**

Permanent secretary, Ministry of Finance

Asian Institute of Technology

Prof. Said Irandoust, President



Forging ahead together

Prof. Dr. Krasae Chanawongse

Chairman, ADPC Board of Trustees

It is with pleasure I present a summary of key ADPC activities from 2005 through 2010. The Activity Report provides an overview of the organization's broad range of activities, programs and projects, as it follows its vision of safer communities and sustainable development through disaster risk reduction, globally. During my twelve years tenure from 1998 to 2010, as the Chairman of ADPC's Board of Trustees, I have witnessed ADPC's commendable pursuit for leadership and excellence through its contributions to the disaster risk reduction cause.

A landmark achievement was the signing of the new ADPC Charter in 2005 by 9 founding member countries establishing ADPC as an inter-governmental organization. In addition, the Regional Consultative Committee (RCC) on Disaster Management, comprising heads of national disaster management offices of 26 countries has met 8 times over the past decade.

I take this opportunity to salute Dr. Suvit Yodmani for his laudable contributions to the Center and to the cause of sustainable disaster risk reduction initiatives. He stepped aside from his position as the Executive Director of ADPC, after he was honored with an invitation by the Royal Thai Government to join the cabinet as the Minister of Tourism and Sports. Dr. Suvit with his vision, commitment and passion in disaster management, led the Center to newer heights and challenges from 1999 to 2007. ADPC will forever remember his leadership with utmost respect.

Dr. Bhichit Rattakul took over the leadership baton as ADPC's Executive Director in 2007. He has already moved ADPC forward in a number of areas that has brought innumerable benefits to the Center. Focused both on domestic reform and external engagements, and supported by the collaborative efforts of the Executive Committee comprised of ADPC Directors, I am confident that the Center will continue to drive forward into new emerging areas.

Serving alongside Dr. Bhichit, I made formal announcement of the promotion of Loy Rego in 2008, from Director of ADPC's Disaster Management Systems team, to serve concurrently as Deputy Executive Director of ADPC. Through the combined leadership, experience and expertise held by both Dr. Bhichit and Loy, I am certain that we can entrust our highest confidence in their abilities towards continued growth that ADPC has seen over the last 22 years as they continue to play prominent roles in representing ADPC around the world, sustaining its growth and taking the Center into new and innovative directions.

The move of ADPC's main office from the Asian Institute of Technology (AIT), where it has been based since its founding in 1986, to its new location in the Bangkok metropolitan area in 2008, has near doubled the capacity - as befits the demands with increase in staff number and the scale of programs, and moving forward into new areas of expertise and engagement that have now become standard tools in the Center's organization profile. The new office has furthermore strengthened the Center's public profile as an independent, international and mainstream organization. The ADPC-facilitated Regional Multi-Hazard Early Warning Center has been successfully handed over to the newly established inter-governmental body the Regional Integrated Multi-hazard Early Warning System for Africa and Asia (RIMES).

While I proudly present ADPC's milestones and achievements during the reporting period, I am confident that ADPC will continue to inspire and be responsive to the priorities of our key stakeholders in governments and in the international community, overcoming challenges to serve the region and beyond.





Dr. Bhichit Rattakul

Executive Director, ADPC

Disaster preparedness and risk reduction in Asia: Challenges and Directions

It is with pleasure, I present and apprise all our stakeholders and partners about the Center's progress over 2005-2010 and plans for the future. ADPC celebrated its 20-year anniversary in 2006, which marked an important turning point, as we prepared for the transition to our new role as an inter-governmental organization through the new Charter. We continue to grow and expand our work portfolios. ADPC's geographical area of interest embraces Southeast and East Asia, the Indian subcontinent, Central Asia, the Pacific and parts of Northern Africa.

We have dramatically increased our presence in the Asia region through strengthening the role as the leading regional technical resource centre with:

- » *Over 70 Projects & Programs*
- » *Over 35 Training courses in various specialized aspects of disaster management*
- » *Engagement with regional mechanisms-ASEAN, SAARC, Asian Ministerial Conferences, RCC*
- » *Offices in Bangladesh, Cambodia, Lao PDR, Myanmar, and Vietnam*
- » *The Center is currently staffed with more than 100 professionals from 21 countries*
- » *It draws upon the expertise and experience of more than 350 partners and associates, and a network of more than 6000 alumni, spread across 75 countries*

The center is now recognized not only by governments, NGOs and the private sectors as the leading provider of disaster management related training in the region but also as a implementer of projects, programs and disaster risk management services.

During the reporting period, ADPC has signed 15 inter-institutional MoUs with the Governments, Regional bodies, UN agencies, Regional universities and Institutions. Operational Status of the Early Warning Centre – Reporting of the Cyclone Nargis was first the real-live execution of its capacities and was highly accurate. (issued advisory report to Myanmar 7 days in advance of Nargis cyclone)

Over the last 24 years, ADPC operated with partner institutions, creating a network of very efficient and capable partner agencies and individuals with whom ADPC can continue to associate in delivering its services in the future. As an active player in the disaster management sector, ADPC has invested time and resources in providing technical support, building capacities, and advocating for regional cooperation and networking activities to promote disaster risk reduction among communities at risk.

Credit belongs to the staff of the Center for where we are today. I take this opportunity to express my profound appreciation, respect and gratitude to each and every member of this wonderful team that I am proud to represent and lead.



Abstract

This activity report of the Asian Disaster Preparedness Center for the years 2005 to 2010 provides a brief snapshot of the overall activities and accomplishments of the Center. This is followed by a section on ADPCs administrative structure and management along with its thematic strengths. The report then elaborates on ADPCs partnerships and networks across borders including its role in regional cooperation forums and mechanisms, and each unit of ADPC briefly presents its programmes and projects implemented from 2005 to 2010 and along with the staff profiles of the management staff of the Center.



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Activities and Accomplishments

Overview 2005-2010

Key achievements over the reporting period:

- ADPC signed 15 institutional Memorandums of Understanding (MoUs), as well as program-specific MoUs with international organizations, academic bodies and other institutions, including the South Asian Association for Regional Cooperation (SAARC) and the World Health Organization. ADPC welcomed high level delegations to its offices, including government ministers, Ambassadors, the SAARC Secretary General, and UN Economic and Social Commission for Asia and the Pacific's Under-Secretary-General, Dr. Kim Hak-Su.

- In January 2005, the Thai Government recommended to the Ministerial Meeting on Regional Cooperation on Tsunami Early Warning Arrangements held in Phuket, Thailand, that ADPC be chosen as a regional center for tsunami early warning. The Thai Government noted ADPC's experience in helping countries to manage disaster risks, and its extensive network within the region, and with regional and international institutions.

- A new inter-governmental Charter for ADPC was signed in February 2005, paving the way for the Center's transformation into a fully-fledged regional organization with international organization status.

- In March 2005, senior officials from Cambodia, China, Lao PDR, Myanmar, the Philippines, Thailand, and Vietnam agreed to cooperatively establish an end-to-end multi-hazard early warning system in the Indian Ocean and Southeast Asia. This is being done in partnership with Thailand, with China and the Philippines serving as technical resource partners, and ADPC as system facilitator.

- ADPC recently successfully completed its facilitating role in establishing, designing, and operating the Multi-Hazard Regional Early Warning Center (REWC) since 2006. Currently, an inter-governmental entity, the Regional Integrated Multi-hazard Early Warning System for Africa and Asia (RIMES), assumed institutional, managerial, operational and financial responsibility of the REWC from 1 January 2010

- Regional Consultative Committee on Disaster Management (RCC), in its meetings in 2005 and 2006, declared

and adopted a major program to mainstream disaster risk management into development, and enhance regional cooperation. This requires the long-term engagement of RCC member States to successfully achieve their goals of promoting safer development and good disaster risk reduction governance, while disaster-proofing the Millennium Development Goals.

- In 2006, ADPC celebrated its 20th anniversary, marking its widening engagement in the region with 68 projects and programs in 18 countries, and 75 personnel from 16 nations.

- ADPC and the Ministry of Foreign Affairs of the Royal Norwegian Government signed a MoU in May 2009 to collaborate in efforts to promote and implement initiatives for reducing disaster vulnerability in the Asian region. Sharing knowledge and promoting the integration of activities and policy formulation for disaster risk reduction in the context of sustainable development, build DRR capacities in the region with the

assistance of technical institutions from Norway, promoting initiatives for establishing preparedness plans in the health sector in risk prone countries, facilitating increased collaboration among countries in the Asian region and support of ADPC's capacity building have been identified as the key areas for cooperation.

History of ADPC

- » Established in 1986 under the initiatives of the World Meteorological Organization (WMO), United Nations Development Program (UNDP) and United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA)

- » Served as the regional resource center for disaster risk management for Asian Institute of Technology, 1986 - 1998

- » Became an independent international foundation in 1999 providing resources in the field of disaster risk reduction

- » 9 founding member countries signed a Charter to change the Center status into an Inter-governmental Organization in 2005

- » More than 100 staff on board and offices in 6 countries (Bangladesh, Cambodia, Laos, Myanmar, Thailand and Vietnam)

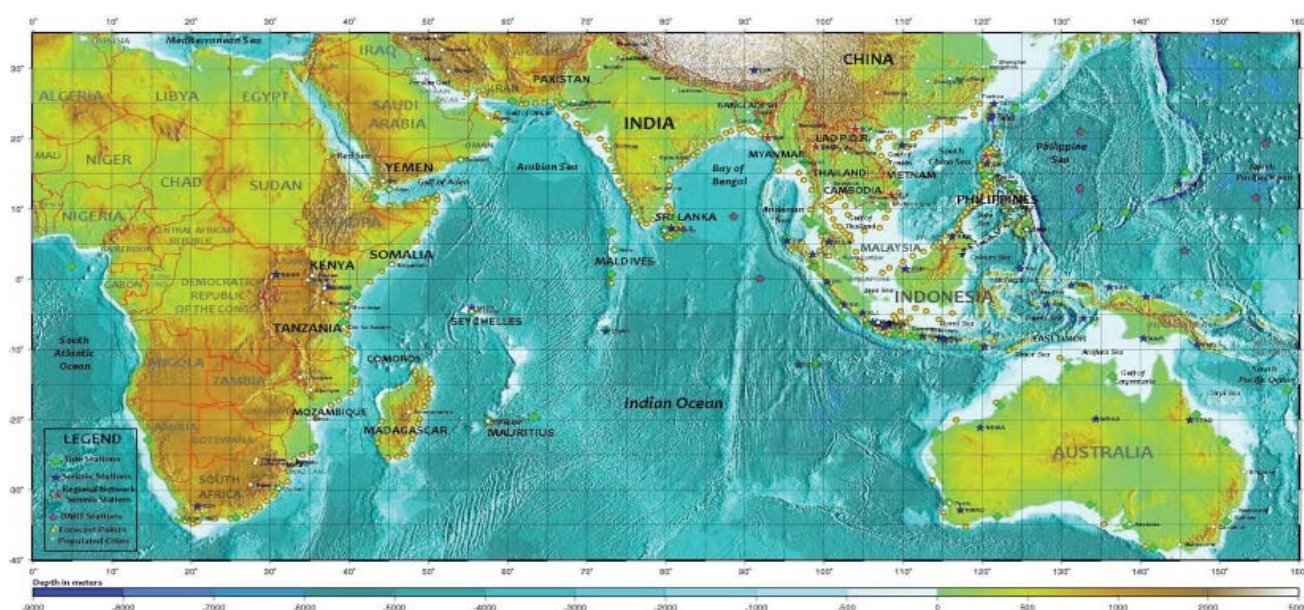


The Center's developments in Governance and Status

ADPC's governing bodies comprise the Board of Trustees (BoT), the International Advisory Council (IAC), and the Regional Consultative Committee (RCC).

The Board of Trustees (BoT) is chaired by Prof. Dr. Krasae Chanawongse, and the vice chair is the Honorable Corazon Alma G. De Leon. BoT members include Ambassadors in Thailand from Australia, Bangladesh, Denmark, France, India, Japan, Norway, the Netherlands, Pakistan, the People's Republic of China, the Philippines, Vietnam, Sweden, Sri Lanka and United Kingdom. The BoT also has a representative from the Thai Government and the Asian Institute of Technology, Bangkok. Members are elected for a period of three years.

Management, established in March 2000, is represented by 32 members from 26 countries and territories who are key government officials in national disaster management offices throughout the Asia-Pacific region. RCC provides a consultative mechanism for the development of strategies for disaster reduction, and promotes cooperative programs between member countries at regional and sub-regional levels. It also delivers guidance to help shape ADPC's present and future directions. Members have endorsed the RCC as a beneficial platform for dialogue, and for the exchange of experiences and lessons learned. During the reporting period, four RCC meetings were held including 5th in Hanoi in 2005 6th in Kunming, in 2006, 7th in Colombo in 2008, and 8th in Manila in 2010 in cooperation with Governments of Vietnam, China, Sri Lanka and Philippines respectively.



The Board is responsible for administering and overseeing the Center's operations, setting out regulations and ensuring resolutions are executed. It also appoints sub-committees to carry out specific activities under the direction of the Board. BoT meetings were held in April 2005, October 2005, June 2006, July 2007 and October 2008, September 2009, and December 2010.

As a sub committee of the board, the Steering Committee (SC) plays important roles of facilitating greater engagement by the Board and providing strategic guidance and leadership within the framework of the ADPC Charter, and the policies, guidelines and to the executive management of the Center. So far, two SC meetings were conducted in August and November 2010.

The International Advisory Council currently has 55 members from 18 countries. Eminent disaster practitioners, policy makers and academics collaborate closely with ADPC, and provide strategic guidance and input to support the Center's vision, mission and institutional growth. The Regional Consultative Committee (RCC) on Disaster

An Inter-governmental Charter for ADPC was officially signed at Thailand's Foreign Affairs Ministry on February 28, 2005 by the states of Bangladesh, Cambodia, India, Nepal, Pakistan, the Philippines, the People's Republic of China, Sri Lanka and Thailand.

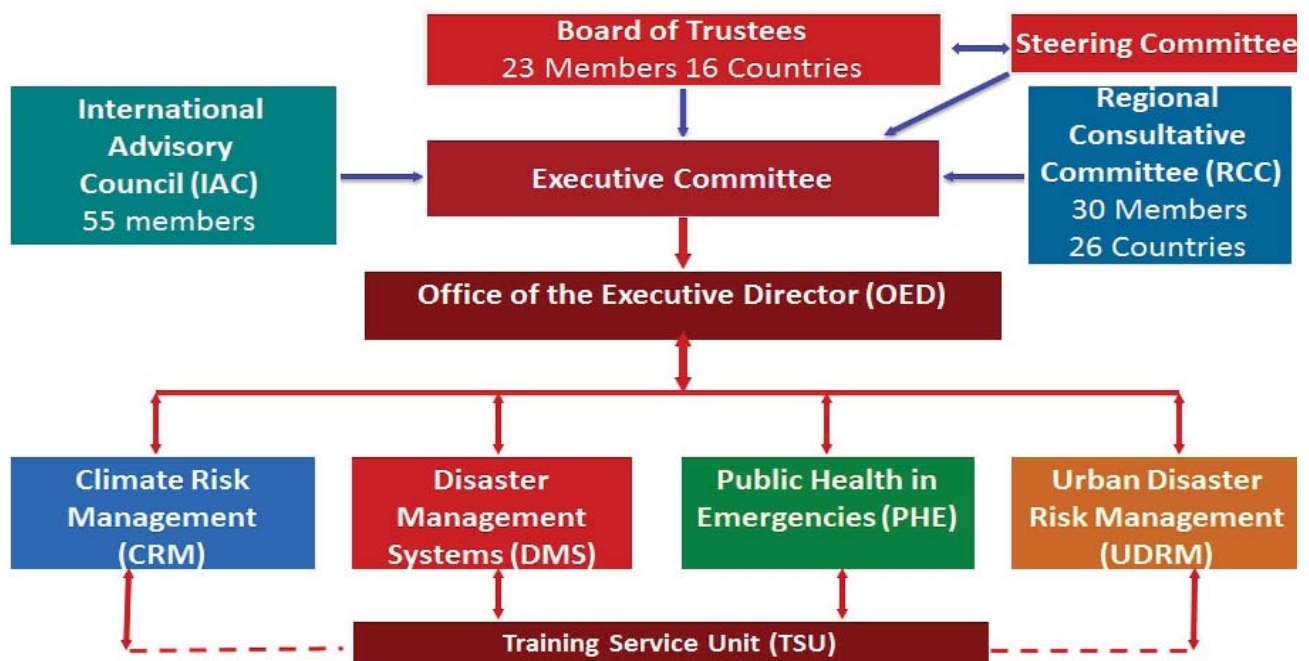
At the ceremony, the then Minister of Foreign Affairs, Dr. Surakiart Sathirathai, said: "Thailand as host country and depository of ADPC Charter shares the joy of ADPC on this important occasion. This Charter will now pave way for ADPC's transformation into a fully-fledged regional organization with international status, both in terms of governance as well as activities."

The Charter has been ratified by seven (7) of the nine (9) countries and the Governance of ADPC will take a new form and role when the organization acquires inter-governmental status once all countries have ratified the Charter.

ADPC's Structure & Administrative Management

ADPC's move in 2003 from a functional structure which delivered services of training, technical advice, information and programs that included all aspects of the disaster management spectrum to a thematic structure was significant in ADPC's dynamic response to the paradigm shift in disaster management. The Center actively adjusted its operational strengths to address emerging developments in disaster risk management and technical disciplines to focus thematically on climate risk management, community-based disaster risk management, disaster management systems, early warning systems, public health in emergencies and urban disaster risk management.

ADPC's Organogram





Thus, ADPC's thematic strengths focus on the following disaster risk management areas:

Climate Risk Management works to reduce societal and physical vulnerabilities of communities through the application of weather and climate forecast information at all time scales. Activities include the development of institutional mechanisms and capacity building of partner institutions to generate, interpret translate and communicate climate forecast information with sufficient lead time to enable communities, and governments to anticipate and manage risks and opportunities on a proactive basis.

Community-based Disaster Risk Management works to identify national, sub-national and community disaster risk reduction needs, to provide strategic direction and innovative approaches in developing and upscaling community-based disaster risk management processes, designing and delivering multi-level and multi-focus capacity building initiatives among CBDRM practitioners at all levels.

Disaster Management Systems works to strengthen and build the capacities of national and sub-national disaster management systems; to promote regional cooperation by supporting and enhancing the effectiveness of existing mechanisms and mainstreaming disaster risk reduction into development policy, planning and implementation.

Regional end-to-end Multi-hazard Early Warning System works to provide tsunami watch and research support in hydro-meteorological disaster risks to collaborating countries; strengthen national capacities in early warning and emergency management; build local capacities in warning response and disaster risk reduction; facilitate the exchange of information, best practices, and lessons learned; and to undertake research in all aspects of the end-to-end early warning system.

Public Health in Emergencies works to develop capacities for managing health risks of disasters and improving health outcomes of communities at risk. A range of capacity building and training programs have been developed and implemented to address continuing and emerging challenges in health emergency management at regional, national, sub-national and community levels.

Urban Disaster Risk Management works to reduce human, social and economic losses resulting from disasters in cities by building stakeholder capacity, facilitating structural and non-structural interventions, and through building effective emergency response planning processes. UDRM implements programs to demonstrate good city-level practices in urban land use planning, hazard-resistant construction, compliance with building codes, emergency response and to reduce the impact of disasters on cities.

Collaborating across borders: partnerships and networking

ADPC promotes partnerships and networking across communities, countries, institutions and sectors, to facilitate the exchange of experiences and practices. As a regional resource center, cooperation and collaboration at all levels are central to the way ADPC works.

In facilitating partnerships, ADPC provides:

- Support to the work of local and national organizations to help enhance their capacities and effectively discharge their assigned roles;
- Links to technical specialists worldwide to promote the adoption of relevant cutting edge technology and strategies;
- Links to other similarly mandated organizations in the region with good practices, and which operate under comparable constraints.

Since its inception, ADPC is committed to establishing collaborative links and partnerships with institutions working on disaster risk reduction. As a result, both formal and informal partnerships have been forged: at present, ADPC has over 350 strategic partners within and outside the Asia region.

ADPC also acts as a facilitator for networking, and initiating dialogue and partnerships between the scientific community, policy and decision-makers, and end users for more effective use of scientific information. It works with regional and national networks of sectoral specialists to promote linkages with the wider disaster management community, and provides technical support to enhance the effectiveness of existing networks and mechanisms.



ADPC's partners include:

- | | |
|--------------------------------|-------------------------|
| • Community groups | • Sub-regional entities |
| • Cities | • International NGOs |
| • Districts | • UN agencies |
| • Provinces | • Donors |
| • National scientific agencies | • Development Banks |

Memorandums of Understanding

During the reporting period, ADPC, through joint programs and Memorandums of Understanding (MoUs) with stakeholders, developed and maintained cooperative mechanisms and strategic partnerships to enhance the delivery of services to the region.

Key MoUs signed between 2005 and 2010

National agencies

- Bangladesh Water Development Board
- Comprehensive Disaster Management Program, Bangladesh
- Institute of Water Modeling (IWM), Bangladesh
- University of Madras, India
- Badan Meteorologi dan Geofisika (Meteorological and Geophysical Agency), Indonesia
- National Emergency Management Agency, Mongolia
- Ministry of Food and Agriculture (MoFA), Mongolia
- Ministry of Nature and Environment (MNE), Mongolia
- National Agency for Meteorology, Hydrology, and Environmental Monitoring (NAMHEM), Mongolia
- International Centre for Integrated Mountain Development (ICIMOD), Nepal
- Focus Humanitarian Assistance (FHA-P), Pakistan
- Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA), the Philippines
- Post Graduate Institute of Sciences (PGIS), University of Peradeniya, Sri Lanka
- National Building Research Organization, Sri Lanka, and its technical partner, the Norwegian Geo-technical Institute
- Chulalongkorn University, Thailand
- Thammasat University, Thailand
- Faculty of Public Health, Kasetsart University, Thailand
- Department of Disaster Prevention and Mitigation, Royal Danish Embassy, Thailand
- National Science and Technology Development Agency (NSTDA), Thailand
- National Electronics and Computer Technology Center (NECTEC), Thailand
- Department of Mineral Resources, Thailand
- Kasetsart University, Thailand
- Geo-Informatics and Space Technology Development Agency (GISTDA), Thailand
- School of Travel Industry Management, University of Hawaii, United States of America
- The Ministry of Foreign Affairs of the Royal Norwegian Government

Organizations

- Food and Agriculture Organization (FAO) of the United Nations
- South East Asian Regional Office (SEARO), World Health Organization (WHO)
- Western Pacific Regional Office (WPRO) World Health Organization (WHO)
- United Nations Children's Fund (UNICEF)
- United Nations Development Program (UNDP)
- Asian Institute of Technology (AIT), Thailand
- CARE International
- CARE International, Cambodia
- CARE International, Indonesia
- Oxfam GB, Vietnam
- South Asian Association for Regional Cooperation (SAARC)
- World Meteorological Organization (WMO)
- World Bank



Vital links: regional cooperation and mechanisms

Working with the United Nations

ADPC works with key United Nations agencies, regional organizations and forums, which is reflected in its work programs and relationships.

United Nations International Strategy for Disaster Reduction (ISDR)

ADPC collaborated with the United Nations International Strategy for Disaster Reduction (ISDR), particularly through the ISDR Asia Partnership on Disaster Reduction (IAP). The ISDR's association with the Center includes funding support for the Mainstreaming Disaster Risk Management in Development Practice (MDRD) project activities for 2005 to 2007, and projects on disaster risk communication in tsunami-affected countries. Additionally, the ISDR has been an active observer at ADPC's Regional Consultative Committee (RCC) meetings.



Initiated in 2003, the IAP included the regional representatives of the ISDR, ADPC, the Asian Disaster Reduction Center (ADRC), the United Nations Development Program (UNDP), the UN Economic and Social Commission for Asia and the Pacific (UNESCAP) and the UN Office for the Coordination of Humanitarian Affairs (OCHA). The partnership was an informal and open-ended partnership in support of the

functions of the Asia Regional Platform on Disaster Risk Reduction.

In 2007, membership was expanded to more than 30 member organizations, including inter-governmental sub-regional organizations, other UN agencies, the International Federation of Red Cross and Red Crescent Societies, and regional NGOs. Besides publication of issues of "ISDR Asia Informs," the partnership also led to sessions at the World Conference on Disaster Reduction in 2005, and conferences on preparedness, mitigation and early warning systems. Currently, there are three (3) regional task forces under the partnership: Health, Education and Urban Risk Reduction.

This partnership is a strong supporter of the Hyogo Framework for Action.



United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)

ADPC partnered with the UNESCAP on the Partnerships for Disaster Reduction-Southeast Asia project (Phases II, III, and so on) from 2003 to 2008. Since 2000, they have jointly organized the annual International Day for Natural Disaster Reduction. In addition, ADPC has received funds from a UNESCAP-administered trust fund. The trust fund contributes to a broader United Nations response to the 2004 tsunami by supporting the development of a regional early warning system.



United Nations Development Program (UNDP)

ADPC collaborates closely with the UNDP's Regional Disaster Reduction and Response Advisor. A UNDP-ADPC European Commission's Humanitarian Aid Department (ECHO) project on MDRD has been completed on January 2010. ADPC is also working closely with the Bureau for Crisis Prevention and Recovery (BCPR) and the Bureau for Development Policy's Energy and Environment Group (BDP/EEG) to implement the Climate Risk Management Technical Assistance Support Project in 9 countries throughout Asia to develop a methodology to integrate risk over short- and longer-term time scales to assess risk associated to both climate variability and change.



Food and Agriculture Organization of the United Nations (FAO)

ADPC worked closely with the FAO in a number of countries, especially on climate risk management activities for the agricultural sector. Projects include improving the capacity of the sector to adapt to climate change for sustainable livelihoods, and using climate and flood forecast information to enhance early warning systems for disaster preparedness in Bangladesh. In 2006, the FAO and ADPC guided an assessment of livelihood adaptation to climate variability and change in the drought-prone areas of northwest Bangladesh. The project characterized livelihood systems; profiled vulnerable groups and assessed past and current climate impacts. It also increased understanding of local perceptions of climate impacts, coping capacities and existing adaptation strategies. The project developed a good practice adaptation option menu that was field tested and evaluated. It also introduced long-lead climate forecasting, capacity building and training.



World Health Organization (WHO)

ADPC and the WHO have worked together to offer courses on public health and emergency management in Asia and the Pacific that included the following:

- Healthcare Facilities – Emergency Preparedness for Epidemics and Pandemics
- Development of Risk Assessment Tools for Emerging and Researching Zoonotic Disease
- Mitigation of Damage in Healthcare Facilities
- Management of the Dead and Missing



ADPC worked with the WHO on a program for managing public health risks in disasters. Among other key activities, they are also developing a training package for managing health risks from the deliberate use of biological, chemical and radiological agents. The program was initiated in 2007 and is still underway.

World Bank

ADPC signed a MoU with World Bank in June 2009 for a collaborative alliance on disaster risk reduction related to various natural hazards under the Global Facility for Disaster Reduction and Recovery (GFDRR). The partnership has a global geographical scope and focuses on providing technical assistance to national and sub/regional bodies, parliaments, civil society and private sectors across and beyond. The collaboration includes technical support from ADPC to World Bank during pre-disaster risk reduction, post-disaster damage and loss assessments, regional cooperation.



Working with **regional bodies**

For ADPC, building relationships includes close cooperation with key regional bodies and organizations. (next page)

Supporting the Association of **Southeast Asian Nations (ASEAN)**

Regional cooperation mechanisms in Southeast Asia, like the ASEAN Experts Group on Disaster Management and the ASEAN Regional Forum, are well-established platforms that ADPC supports and participates in.



Collaborative working areas include capacity building, the sharing of information and resources, engaging external partnerships and public education, and awareness and advocacy exercises. ADPC participated in ASEAN Committee on Disaster Management (ACDM) meetings in Yangon, Myanmar in 2005, and in 2006 in Yogyakarta, Indonesia. In 2007, ADPC participated in the 9th meeting of the ACDM and the 2nd regional workshop on establishing the ASEAN Coordinating Centre for Humanitarian Assistance on Disaster Management in Vientiane, Lao PDR. ADPC presented regional inputs and reported on progress in the implementation of the ASEAN Regional Program on Disaster Management at this meeting.

ADPC also works closely with the ASEAN Regional Forum (ARF). The Center organized the 5th ARF workshop in Indonesia in 2005, and the 6th workshop in China in 2006, which facilitated bilateral, sub-regional and multi-lateral cooperation in disaster management. ADPC participated at the 10th meeting of the Inter-Sessional Meeting on Disaster Relief (ARF ISM on DR) which was organized on 2-3 September 2010 in Bangkok, Thailand. ADPC, at the request of the ARF, also developed an inventory of early warning systems in selected ASEAN countries.

ADPC's association with the ASEAN Committee on Disaster Management dates back to 2003. This is after the Center assisted in a 2002 regional workshop for the development of the ASEAN Regional Program on Disaster Management (ARPD), which was sponsored by the European Union. Started in May 2010, ADPC established a partnership with ASEAN to support Myanmar in Implementing ASEAN Agreement on Disaster Management and Emergency Response (AADMER), the ASEAN Standby Arrangements and Standard Operating Procedure (SASOP) and Myanmar Action Plan on Disaster Risk Reduction. During the reporting period, ADPC participated in the ASEAN regional disaster emergency response exercise in Cambodia in 2006. ADPC also supported the ARPD's project on integrating disaster reduction into secondary school curriculums in Southeast Asian countries. This was done through links with the UNDP-ADPC-ECHO 2007 project on mainstreaming disaster reduction into the education sector.

Supporting the South Asian Association for **Regional Cooperation (SAARC)**

In South Asia in 2006, ADPC established a dialogue with the SAARC's Disaster Management Centre in New Delhi for a cooperative program of activities. H.E. Mr. Lyonpo Chenkyab Dorji - Secretary General of SAARC visited ADPC and a MoU was signed in 2006. ADPC has links with the Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) which includes Bangladesh, Bhutan, India, Myanmar, Nepal Sri Lanka, and Thailand.



Supporting other **regional bodies**

ADPC works closely with the Mekong River Commission (MRC), which focuses on Cambodia, Lao PDR, Thailand and Vietnam. This includes partnering to implement component 4 of the Commission's Flood Management and Mitigation Program.



ADPC's collaboration with other regional agencies includes the South Pacific Applied Geoscience Commission (SOPAC).



Regional Consultative Committee (RCC) on Disaster Management

ADPC focuses its activities on the development of forums and networks for advancing regional cooperation, and supporting the work of existing mechanisms.

A key part of this focus is the Regional Consultative Committee (RCC) on Disaster Management, which provides an informal consultative mechanism for developing strategies for disaster reduction in the region, and promote programs on a regional and sub-regional basis.

The RCC has met nearly every year since its inception in March 2000. Meetings were held in Thailand in 2000 and 2001, in India in 2002, in Bangladesh in 2004, in Vietnam in 2005, in China in 2006, and in Sri Lanka in 2008.

ADPC, acting as the Secretariat of the Regional Consultative Committee (RCC) on Disaster Management, most recently organized the 8th meeting in February 2010. The event was co-hosted with the Government of Philippines with support from the Government of Australia.



The special theme of the 8th RCC meeting was ***Implementing national programs on community-based disaster risk reduction in high-risk communities***. The meeting was inaugurated by the Hon. Norberto B. Gonzales Secretary, Department of National Defense and Chairman of the National Disaster Coordinating Council, of the Government of the Philippines.

The meeting, attended by 22 officials from national disaster management offices representing 17 countries in the Asia and Pacific region, along with 14 observers from UN agencies, international organizations, NGOs, donor agencies and development banks adopted the Manila RCC-8 statement, which calls upon every RCC member country to develop and implement national programs on CBDRR in high-risk communities with the following components:

- a. Legal and policy frameworks enabling CBDRR
- b. Technical support to community level action on DRR
- c. Strengthening partnership on CBDRR between local authorities, implementing partners and community organizations (CBPs), civil society organizations and private sectors
- d. Resourcing CBDRR and linking with local development programs
- e. Strengthening capacity on CBDRR

Regional Conferences

ADPC, in collaboration with UNDP, UNISDR, and UNESCAP, co-organized the **Asian Conference on Disaster Reduction** in Beijing in 2005, which was hosted by China's Ministry of Civil Affairs and Ministry of Foreign Affairs. About 450 delegates from 42 Asian countries and 13 international organizations participated in the conference.

ADPC participated in the first session of the *Global Platform for Disaster Risk Reduction* in Geneva, Switzerland from June 5 to 7, 2007.

The Center supported the *Asia-Pacific Regional Workshop on School Education for Disaster Risk Reduction*, held from October 8 to 10 2007 in Bangkok, Thailand. The workshop was part of a longer-term regional strategy to raise awareness of the need to integrate disaster risk reduction and school safety construction programs into education curriculums and the education sector. Its conclusions served as the regional contribution to the International Conference on Education for Disaster Risk Reduction held in November 2008.

ADPC was a partner at the *2nd Asian Ministerial Conference on Disaster Risk Reduction* in New Delhi, held from November 7 to 8, 2007. India's Ministry of Home Affairs organized the conference. The theme of the conference was "Development without Disasters". Its goals were to review the implementation of the Hyogo Priorities of Action in Asia in the context of initiatives by governments and national, regional and international bodies.

ADPC actively participated as a key partner of the *3rd Asian Ministerial Conference on Disaster Risk Reduction* held from the 2nd to 4th December 2008 in Kuala Lumpur, Malaysia. The Center showcased its activities, initiatives and achievements in disaster risk reduction at the conference exhibition with a display & distribution of information & knowledge products & video presentations. Also, it led technical sessions.

ADPC was one of the core partners at the *4th Asian Ministerial Conference on Disaster Risk Reduction*, held in Incheon, Republic of Korea during 26-28 October 2010. The main theme of the conference was "Disaster Risk Reduction through Climate Change Adaptation". As outcomes of the

meeting, the Incheon Declaration, Road Map (REMAP) were finalized with an Action Plan to be developed.

ADPC also participated in the 13th Conference of Parties to the United Nations Climate Change Convention in Bali, Indonesia, held from December 3 to 14, 2007.

ADPC presented a paper titled, Urban Congestions and Hydro-meteorological Hazards in Secondary Cities in Asia at the International Disaster & Risk Conference (IDRC) Davos in August 2008.

ADPC attended the First World Landslide Forum in Tokyo, Japan from November 17-22, 2008 and hosted the networking event at the World Urban Forum in Nanjing, China from November, 3-6 2008.

ADPC co-organized the first symposium of the Forum for East Asia – Latin America Cooperation (FEALAC) between 9 and 12 of November 2009 in Bangkok and Phuket, Thailand in collaboration with Ministry of Foreign Affairs of Thailand, and the Thailand International Development Cooperation Agency (TICA). The four-day symposium, titled as 'Pan-Oceanic Cooperation for Disaster Risk Reduction' aimed to share DRR strategies and methodologies among the countries, discuss adaptation challenges, and create a network of technical support and information sharing among the 33 FEALAC member countries from both sides of the Pacific Ocean.

ADPC, in collaboration with the Inter-governmental Panel on Climate Change (IPCC), organized a regional seminar on the Special Report on "Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (SREX)" during 7th – 8th January 2010. The two-day meeting focused on the interfaces between climate change, extreme weather events, catastrophes, vulnerability, disaster risk reduction and adaptation.

ADPC provided technical assistance for the 1st and 2nd Workshop on ASEAN Defence Establishments and Civil Society Organizations (CSOs) Cooperation on Non-Traditional Security (Disaster Management), held during 8 - 9 June 2009 and 28 - 29 June 2010 respectively.

Awards & Accolades

ADPC received the World Center of Excellence Award for promoting knowledge sharing, innovations and institutions with South-South focus network on Landslide Risk Reduction in Asia at the 1st World Landslide Forum held from the November, 18-21 2008 at the United Nations University, Tokyo, Japan.

Dr. Bhichit Rattakul was honored for his outstanding contribution to South-South Cooperation at the 5th Annual United Nations Day for South-South Cooperation held at the U.N. Headquarters in New York on the December, 19 2008. Dr. Bhichit in his address on South-South Cooperation on Climate Change Adaptation and Disaster Risk Reduction shared ADPC processes, resources in devising solutions for replications across countries of the South.

Dr. Bhichit Rattakul, as the former Governor of Bangkok, was appointed Champion for the UNISDR World Disaster Campaign, Making Cities Resilient: My City Is Getting Ready! at the International Day for Natural Disaster Reduction on 13 October 2010.

ANNEXES

ANNEX A:

ADPC Programs and Projects, 2005-2010

1. CLIMATE RISK MANAGEMENT

FACILITATING THE INTEGRATION OF TSUNAMI WARNING BY STRENGTHENING MULTI-HAZARD WARNING SYSTEMS, 2009 - 2010

The project facilitates the integration of tsunami warning into national warning systems by strengthening multi-hazard warning systems, ensuring their functionality and reliability, developing capacities of field-level National Red Cross Societies, to translate hazard risk information into impact outlook and response options, and in communicating these information to communities within a risk management framework and collaborate with the national focal points for early warning and disaster management, and other non-government/ mass-based organizations.

Donor: American Red Cross

Countries: Sri Lanka, Vietnam, Indonesia and the Philippines

ENHANCING ADAPTIVE CAPACITY TO CLIMATE CHANGE FOR THE ROYAL GOVERNMENT OF BHUTAN, 2009 – 2010

The project aims to seek opportunities for reducing vulnerability to climate change in Bhutan with current development cooperation, and strategic climate change adaptation-related interventions. This project will support capacity development, implementation of adaptation measures and research and development efforts of the various institutions of the Royal Government of Bhutan on

“A community-focused early warning system is the urgent need of the hour to empower, to mitigate, to be aware and be prepared for the onslaught of natural hazards and its impacts. However, we are also exposed to its limitations, scope and reach. Efforts are being mobilized towards enhancing the capacities and capabilities of coordinated early warning systems that combine technological requirements with community-level action.”

- A.R Subbiah, Former Director of Climate Risk Management and Early Warning Systems, Asian Disaster Preparedness Center

anticipated climate change impacts.

Donor: Hydro-met Management Service Department

Country: Bhutan

STANDARD OPERATION PROCEDURES FOR BRAC'S EMERGENCY RESPONSE IN BANGLADESH, 2010 – 2011

The Project aims to Analyze and document the BRAC's past emergency response activities, practices and institutional knowledge. Harness the experience of BRAC staff, professionals, Volunteers and communities to improve and formalize the Standard Operating Procedures and incorporate best practices for community based disaster risk management NGOs working in Bangladesh and abroad.

Donor: BRAC

Country: Bangladesh

CLIMATE RISK MANAGEMENT TECHNICAL ASSISTANCE PROJECT I, (TASP I) 2009-2010

The project involves a demonstration phase of small country level interventions to complete multi-stakeholder climate risk assessments and identify risk management priorities in each country.

Donor: UNDP-BCPR

Countries: Indonesia, Armenia, Ecuador & Niger

EXPANDED CLIMATE RISK MANAGEMENT TECHNICAL ASSISTANCE SUPPORT PROJECT II, (TASP II) 2010 – 2012

The project aims to undertake multi-stakeholder climate risk assessments and identify risk management priorities in a further 6 countries.

Donor: UNDP-BCPR

Country: Bhutan, India, Mongolia, Nepal, Pakistan & Sri Lanka

CLIMATE RISK MANAGEMENT TECHNICAL ASSISTANCE SUPPORT PROJECT, 2008-2009

The project aims to increase convergence in risk management priorities among national and local stakeholders and the international community and to increase climate risk management capacity of key national and regional institutions and of UNDP and UN country offices.

Donor: UNDP Geneva-UNOPS

Country: Global (Indonesia, Ecuador, Mozambique, Armenia)

CLIMATE FORECAST APPLICATIONS FOR DISASTER MITIGATION (CFA), 2003-2009

This program develops locally appropriate climate information tools and capacity for real-time use to mitigate the

impact of droughts, floods, and typhoons in Indonesia, the Philippines, Vietnam, China, East Timor and India. It employs a two-level approach: targeted demonstration projects to explore and refine methods, and also identifying and stimulating national capacities to scale-up the application of methods so that they can be used elsewhere. The three project components are: demonstration projects, development of tools and capacity building.

Donor: USAID

Country: Regional (Indonesia, the Philippines, East Timor)

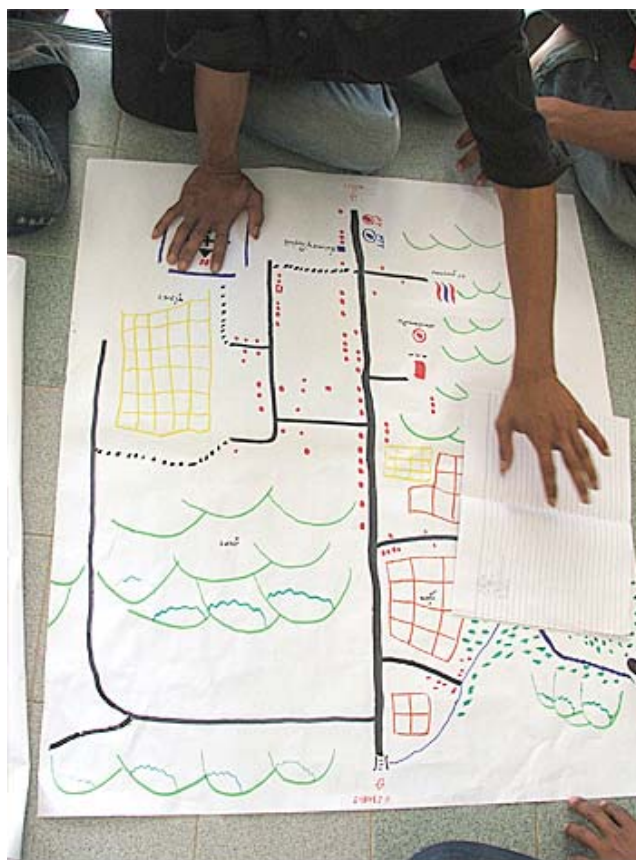
FLOOD FORECAST TECHNOLOGY TRANSFER FOR DISASTER PREPAREDNESS, 2006-2009

This project builds on the Climate Forecast Applications Bangladesh Project (2001-2003), which developed a

three-tier climate and flood forecast system for the Ganges and Brahmaputra basins in Bangladesh. The project aims to further develop this technology and to see its subsequent transfer to Bangladesh government institutions. Specifically, the project will develop climate and flood forecast models that add predictive skill to current prediction efforts, and will make them operational within Bangladesh. It will strengthen the technical capacity of government institutions for sustainable system operation, and strengthen disaster management in the agriculture sector through the application of a community-based climate forecast information system. Finally, it will demonstrate through pilot projects the end-to-end application of climate information.

Donor: USAID through CARE-Bangladesh

Country: Bangladesh



COMMUNITY-BASED DISASTER RISK MANAGEMENT (CBDRM) IN AGRICULTURE IN JUYE COUNTY, CHINA, 2007-2009

This project aimed to build the technical and institutional capacity of Juye County in the concepts and practical application of disaster risk management techniques and planning tools, as well as in the design and introduction of a location-specific application of CBDRM, with a focus on agriculture. Key activities included a basic situation assessment in pilot villages and at the county level, and an assessment of the training needs of various stakeholders related to disaster risk management (DRM) concepts and practices. Exposure to multi-hazard threats, technical training workshops and training sessions were held for county-level technicians and development planners. In cooperation with the Center for Integrated Agricultural Development, China Agricultural University, and the Shandong Academy of Science, the project had assisted

in the capacity building of farmer cooperatives, and the introduction of good practices for DRM in agriculture. It had trained local authorities to prepare annual DRM plans, and guided the preparation of specific DRM action plans at a county level for 2008 and 2009. ADPC provided relevant experience and advice on climate forecast applications in agriculture, and on the establishment of an end-to-end early warning system at a local level.

Donor: FAO

Country: China

CLIMATE CHANGE ADAPTATION TARGETS IN MONGOLIA, 2007-2008

This project measured Mongolia's current level of resilience to climate change, formulated resilience building targets and policy recommendations, and constructed a system for reporting and monitoring progress towards the achievement of resiliency targets. Elements of community resilience considered were: governance, economies and livelihoods, natural resources management, land management and structures, risk knowledge, warning and evaluation, emergency response, and disaster recovery.

Donor: ETC International, Netherlands

Country: Mongolia

CLIMATE FORECAST APPLICATION: FORMULATION OF A PROJECT PROPOSAL ON IMPROVED DISASTER RISK MANAGEMENT IN THE AGRICULTURAL SECTOR, 2007

The project was part of FAO support for preparing a technical cooperation project on disaster risk management, and related action planning in the agricultural sector. Key activities undertaken were a review and assessment of lessons learned from past and ongoing disaster risk management, development, and research projects in Nepal in agriculture (including the crop and fishing sub-sectors) related to disaster prevention and preparedness. There was a basic situation assessment at various levels in selected hazard-exposed sites on the current role, strengths and weaknesses of key stakeholders in the agriculture sector who contribute to the current disaster risk management system in Nepal. Existing local coping strategies and local needs to strengthen preventive and mitigating activities were also assessed. There was facilitation of a one-day technical workshop for selected staff from the Department of Agriculture on disaster risk management in agriculture, including climate forecast applications.

Funding: FAO

Country: Nepal

ASSISTANCE TO IMPROVE LOCAL AGRICULTURE EMERGENCY PREPAREDNESS IN CARIBBEAN COUNTRIES THAT ARE HIGHLY PRONE TO HURRICANE-RELATED DISASTERS, 2006-2007

The project aimed to prepare a case study report and two presentations for a lessons learned workshop on good practices for risk reduction in agriculture and forestry against hydro-meteorological hazards. This was based on ADPC's field experience in Southeast Asian countries and Small Island Development States.

Funding: FAO

Country: Regional

RAPID GUIDE FOR MISSIONS – ANALYZING INSTITUTIONS AND STRUCTURES FOR DISASTER RISK MANAGEMENT, 2006

The project aimed to develop a rapid guide for missions to analyze institutions and structures for disaster risk management. Key activities undertaken for the guide included a review of available documentation, topic-related guidelines and methodologies, and the extraction of good examples and content. There was an in-depth study of the FAO's rapid guide on institutional analysis and livelihoods, preparation of a detailed outline of the guide on a modular basis, field-testing with national stakeholders, revision of a draft guide for FAO review, and the preparation of a final document.

Funding: FAO

Country: Regional

IMPROVED ADAPTIVE CAPACITY TO CLIMATE CHANGE FOR SUSTAINABLE LIVELIHOODS IN THE BANGLADESH AGRICULTURE SECTOR, 2004-2007

The project initiated field-testing with farmers of livelihood adaptation strategies, and improved long-lead climate forecasting and responses to climate change predictions in agriculture. ADPC developed a methodology to better understand the translation of climate change impact modeling results into agricultural response options and livelihood adaptation practices, and the local testing and implementation of these options. There was also feedback from the implementation results, and replication of the process elsewhere.

Donor: WHO

Country: Bangladesh

CLIMATE FORECAST APPLICATIONS AND ADAPTATION TO CLIMATE CHANGE IN THE AGRICULTURAL, FISHERIES AND FORESTRY SECTORS OF THE HAWR REGION AND THE COASTAL BELT IN BANGLADESH, 2005-2006

This was aimed at designing a project on climate forecast applications and adaptation to climate change in the agricultural, fisheries and forestry sectors. Activities undertaken included compiling information on livelihood adaptation to climate change in the sectors in Asia and Bangladesh. The project assessed the links and complementarities of potential interventions of the FAO's Livelihood Adaptation to Climate Change project in the target regions, and the ongoing activities of the Comprehensive Disaster Management Program and other actors. It also analyzed relevant climate data and climate change forecast information available from the target regions, and outlined potential impact outlooks and implications for the agricultural sectors.

Funding: FAO

Country: Bangladesh

COMPENDIUM OF INITIATIVES IN AGRICULTURE DISASTER RISK MANAGEMENT IN THE ASIA-PACIFIC REGION, 2005

This project developed better strategies for disaster risk management, including preparedness and mitigation. Key activities undertaken were the preparation of a compendium of initiatives underway in agriculture disaster management in the Asia-Pacific region, focusing on droughts, floods, tsunamis and forest fires. There

was development and testing of a damage and loss assessment methodology for direct and indirect losses, including crops, livestock, aquaculture, and economic potential. A workshop was also held with local officials to field-test the methodology.

Funding: FAO

Country: Regional

END-TO-END EARLY WARNING OF TSUNAMIS AND OTHER NATURAL HAZARDS FOR DISASTER PREPAREDNESS AND MITIGATION IN THE INDIAN OCEAN AND SOUTHEAST ASIA: PHASE 2, 2008-2010

Early warning national forums, with mass-based organization participation, established, capacitated and institutionalized to strengthen multi-hazard early warning systems in the target countries. Field-level National Red Cross Society capacities are built in translating hazard risk information into impact outlook and response options, and in communicating these information to communities within a risk management framework. Functionality and reliability of early warning systems are tested through system audit facilitated by National Red Cross Societies, in collaboration with the national focal points for early warning and disaster management, and other non-government/mass-based organizations.

DONOR: American Red Cross

Country: Regional (Sri Lanka, Vietnam, Indonesia and the Philippines)

2. DISASTER MANAGEMENT SYSTEMS

MAINSTREAMING OF DISASTER RISK REDUCTION INTO DEVELOPMENT PLANNING AND IMPLEMENTATION (MDRD)- SUPPORT TO RCC 7 AND MDRD PHASE II, 2008-2012

The project aims to promote safer development and governance in RCC member countries with increased community resilience to natural disasters; to realizing the Millennium Development Goals by 2015 and advancing priorities of the Hyogo Framework for Action; to mainstream DRR contributes the elements of 'safety' to Sustainable Development and the added value of prudence as a necessary ingredient of good governance. The key components are: Partnerships for Mainstreaming of DRR into National Development Planning processes. Priority Implementation Partnerships on Mainstreaming DRR into sectoral development; Advocacy of building awareness and political support for Mainstreaming of DRR into Development Policy and Planning; Knowledge management platform for MDRD: Showcasing good practice and lessons learned; Capacity development for Mainstreaming of DRR into Development of sectoral ministries, technical institutes, private sectors and NGOs in RCC member countries.

Donor: AusAID

Country: RCC 26 Member Countries

FLOOD MANAGEMENT AND MITIGATION PROGRAM, COMPONENT 4: FLOOD EMERGENCY MANAGEMENT STRENGTHENING PHASE II 2008 – 2010

The project supports the relevant authorities at district, province and national level in creating awareness-raising

and enhancing of people's capacities in dealing with floods, preparation and implementation of flood preparedness programs and preparation of development plans containing flood preparedness and emergency management, as well as promote transboundary cooperation on flood preparedness and emergency management.

Donor: GTZ

Countries: Cambodia, Lao PDR, Thailand, Vietnam

FURTHER DEVELOPMENT AND SUPPORT TO INITIAL IMPLEMENTATION OF MYANMAR ACTION PLAN ON DISASTER RISK REDUCTION (MAPDRR), 2009 – 2010

Through the project, ADPC supports the Government of Myanmar to detail out 21 priority projects of MAPDRR, and provides support to the 24 member Task Force which includes the Department of Meteorology and Hydrology, and Relief and Resettlement Department. Activities include developing a Guideline on Township Disaster Management Plan, building capacity of DRR focal points of Departments of the the Government of Myanmar and support civil society to organize a forum on DRR.

Donor: Royal Norwegian Ministry of Foreign Affairs (MFA)

Country: Myanmar

disaster recovery planning, programing and implementation. The toolkit includes a judiciary combination of Guidelines and Trainings.

Donor: WFP and IFRC

SAYABOURY INTEGRATED HAZARD MITIGATION PROJECT, 2007 – 2012

The project aims to reduce vulnerability and build resilience in communities in Sayaboury Province through strengthening of sustainable disaster risk reduction approaches and also to support both government agencies and communities to plan for and respond to a range of integrated factors which undermine sustainable livelihoods.

Donor: Save the Children Australia

Country: Lao PDR

TOOLS FOR DISTRICT RISK ASSESSMENTS, 2007 – 2012

The objectives of this project are: to support the development of a risk assessment system for use in Sayaboury District; and to increase provincial and district capacities in hazard and risk identification, assessment and mapping.

Donor: Save the Children Australia

Country: Lao PDR



ASEAN-ADPC PARTNERSHIP TO SUPPORT MYANMAR IN IMPLEMENTING AADMER, SASOP AND MAPDRR, 2010

The project objectives are to advocate for and develop guidelines for mainstreaming disaster risk reduction (DRR) into Cyclon Nargis recovery, and to build capacity of the focal points of related ministries of Myanmar on the ASEAN Agreement on Disaster Management and Emergency Response (AADMER) and the ASEAN Standby Arrangements and Standard Operating Procedure (SASOP).

Donor: ASEAN

Country: Myanmar

DEVELOPMENT OF HANDBOOK AND TRAINING COURSE FOR RECOVERY PROGRAM PRACTITIONERS AS PART OF THE TSUNAMI GLOBAL LESSONS LEARNED PROJECT (TGLLP), 2010 – 2011

The project aims to develop a toolkit for disaster recovery policy maker and practitioners which is useful in post

ESTABLISH DISASTER RISK INFORMATION SYSTEMS PROJECT, 2008 – 2010

Developing Innovative Tools and Assessment on DRR by means of establishing an Disaster Risk Information System.

Donor: Save the Children Australia

Country: Lao PDR

STRENGTHENING IN-COUNTRY CAPACITY FOR RECOVERY PLANNING, 2009 – 2010

The project involves the development of Damage and Loss Assessment methodology and supporting recovery planning through capacity building.

Donor: World Bank

Country: Lao PDR

OPERATIONALIZING STRATEGIC PLAN FOR DISASTER MANAGEMENT IN LAO PDR, 2010 – 2012

ADPC provides Technical Assistance (TA) to the Water Resource and Environment Administration (WREA) and the National Disaster Management Office (NDMO), Government of Lao PDR in implementing and operationalizing the Strategic Plan for Disaster Management and contributes to the institutional strengthening on disaster management in Lao PDR.

Donor: World Bank, GFDRR

Country: Lao PDR



REGIONAL STOCKTAKING AND MAPPING OF DISASTER RISK REDUCTION INTERVENTIONS FOR ASIA AND THE PACIFIC, 2008-2010

The purpose of the regional stock taking and mapping of disaster risk reduction interventions is to present an overview of ongoing and planned regional DRR interventions within the broader context of the regional disaster risk profile. The collated information will not only contribute to improved regional planning and programming and highlight the areas for cooperation among regional/sub-regional organizations, it will also add to periodic progress reviews and reporting processes at the regional/sub-regional levels (e.g. Biennial HFA Progress Reviews and the preparation of the 2009 UN Global Assessment Report). In addition, it will assist donor agencies and decision-makers to channel resources and efforts that can meet their own policy and programmatic imperatives while implementing DRR. The stocktaking will enable ADB make decisions on the allocation of safe and disaster risk sensitive investments and loans for DRR in developing member countries (DMCs) in the region. It will also assist regional department disaster focal points (RDDFP) in their strategic planning functions for DRR at country as well as regional level. Moreover, it will provide guidance for implementing the three components of ADB's Disaster and Emergency Assistance Policy.

Donor: ADB

Country: Regional

STUDY ON DISASTER RISK REDUCTION AND OCCUPATIONAL SAFETY IN AGRICULTURE AND FORESTRY SECTORS IN THAILAND, 2010

Project involves Reviewing existing policies and plans on DRR and occupational safety in agriculture and forest sectors and compiles good DRR practices at regional level. It

prepares recommendations to the Ministry of Agriculture and Cooperatives (MoAC) in developing national action plan on Disaster preparedness, mitigation and response and occupational safety in agriculture section in Thailand.

Donor: FAO

Country: Thailand

DEVELOPING TRAINING MATERIAL DISASTER RISK REDUCTION FOR COASTAL ZONE MANAGERS, 2008-2009

The project aims to build capacity of MFF National Coordinating Bodies, technical institutions and implementation partners in the three EC AIDCO target countries: India, Indonesia and Sri Lanka. The immediate goal is to bring basic awareness of DRR to MFF project designers and implementers. The longer term goal was to strengthen the role of existing technical institutions to provide risk reduction training and other services to coastal zone managers and disaster risk managers.

Donor: UNEP

Country: India, Indonesia and Sri Lanka

INITIAL STEPS TO SUPPORT THE DEVELOPMENT OF A COMPREHENSIVE MULTI-HAZARD PROGRAM AND ACTION PLAN ON DISASTER RISK REDUCTION, 2008-2009

Key objectives are: Coordinate efforts to help that disaster risk reduction is a national-level and a local-level priority; Facilitate the building blocks of the development of a comprehensive Action Program on Disaster Risk Reduction; Build institutional capacity in disaster management issues at national and sub-national level; Coordinate with UNDP on township level capacity assessment and capacity building initiatives.

Donor: DFID

Country: Myanmar

ASEAN REGIONAL FORUM DISASTER RELIEF UNDER ASEAN-US TECHNICAL ASSISTANCE AND TRAINING FACILITY PHASE II, 2008-2009

Under this project, ADPC developed a Disaster Relief Work Plan for the ASEAN Regional Forum, prepared a template of a presentation for countries to share their experience in disaster response at the Inter Sessional Meetings (ISM) of the ASEAN Regional Forum and prepared a report based on country presentations.

Donor: USAID

Country: ASEAN Region

ADVOCACY AND PILOT PROJECT IMPLEMENTATION IN EDUCATION SECTOR IN 3 SOUTH EAST ASIAN RCC MEMBER COUNTRIES - PHASE II, 2008-2010

The project has been implemented in collaboration with UNDP in Philippines, Lao PDR and Cambodia. Main activities include, Facilitate expansion of the Technical Working Group and engagement with the Education Sector Working Group for mainstreaming of Disaster Risk Reduction, support to institutionalization of the DRR module of phase I in the national curriculum and in the teachers training system, development of a framework curriculum plan to aid in future integration of DRR in all grades of Cambodia, Lao PDR, and the Philippines and identifying specific op-

opportunities for integrating hazard resilience school construction features in one pipeline project.

Donor: ECHO

Country: Cambodia, Lao PDR and Philippines

COMPONENT 4 OF THE MRC'S FLOOD MANAGEMENT AND MITIGATION PROGRAM: FLOOD EMERGENCY MANAGEMENT STRENGTHENING, 2004-2007

This project was implemented in collaboration with the Mekong River Commission (MRC). It enhanced the competence of civil authorities at various levels, emergency managers and communities in flood preparedness and mitigation. Partner countries were MRC member nations, with a special focus on Cambodia and Vietnam and their respective pilot provinces of Kandal and Prey Veng, and An Giang and Dong Thap.

ADPC facilitated the following key outputs in strengthening flood emergency management systems:

- Preparation and implementation of flood preparedness plans in selected provinces and districts in Cambodia and Vietnam
- Development of national capacities in Cambodia and Vietnam to support preparation and implementation of flood preparedness plans
- Flood risk awareness campaigns in two districts of each pilot province
- Regional knowledge sharing
- Preparation for Cambodian and Vietnamese province-to-province transboundary emergencies.

Donor: GTZ

Country: Cambodia, Vietnam

SUPPORT TO IMPLEMENTATION OF FLOOD PREPAREDNESS PROGRAMS AT PROVINCIAL, DISTRICT AND COMMUNE LEVELS IN THE LOWER MEKONG BASIN (PHASE III), 2007-2008

Under Phase III of this project, the focus was to support selected provincial and district disaster management committees to prepare and implement flood preparedness programs. The project also developed the capacity of district trainers to conduct commune-level training on flood preparedness for the commune committees or teams in Cambodia, Vietnam and Lao PDR.

Donor: Mekong River Commission

Country: Cambodia, Vietnam, Lao PDR

COMMUNITY SELF-RELIANCE AND FLOOD RISK REDUCTION, 2005-2006

The project designed to provide technical assistance for community self-reliance and flood risk reduction for the government of Cambodia, non-government organizations and local leaders to be better prepared for extreme flood events. It also built capacity at the community-level for flood disaster prevention and mitigation.

Donor: ADB

Country: Cambodia

CAPACITY BUILDING FOR PLANNING AND IMPLEMENTATION OF FLOOD PREPAREDNESS PROGRAMS AT PROVINCIAL AND DISTRICT LEVELS IN THE LOWER MEKONG BASIN (Phase II), CAMBODIA,

2005-2006

The Capacity Development Phase included activities such as the skill development of stakeholders, community-level action planning and implementation, the development and maintenance of a project website and a final project completion workshop.

Donor: ADB

Country: Cambodia

MAINSTREAMING DISASTER RISK MANAGEMENT INTO DEVELOPMENT POLICY AND PLANNING, PHASE I, 2004-2007

The project developed and implemented national plans to mainstream disaster risk management into ongoing national development work, and increased awareness and political support for this. Other activities included the adoption of a comprehensive approach to disaster risk management, mainstreaming disaster risk management processes into development practice in Regional Consultative Committee member countries, and enhancing the capacity of national disaster management systems.

Donor: AusAID

Country: Regional

METHODOLOGY FOR ASSESSING DAMAGE AND ESTIMATING LOSSES, 2004-2006

Under the Gujarat Emergency Earthquake Reconstruction Project, ADPC provided consulting services for a study on developing a system for damage and loss assessment.

Donor: Gujarat State Disaster Management Authority

Country: Gujarat, India

RESEARCH ON RISK-VULNERABILITY ASSESSMENT TOOLS AND APPLICATIONS IN ASIA, 2004-2005

ADPC implemented a research project to develop an inventory of experiences and practices on the application of risk-vulnerability-impact assessment tools. The aim was to create a "register" of tools and practices for risk-vulnerability-impact assessment at urban and local levels. ADPC takes a leading role in the Asian region for the collection of experiences and tools.

Donor: UN International Strategy on Disaster Reduction, UN-HABITAT, UNDP, Organization of American States

Country: Regional

STUDY ON THE SOCIAL ASPECTS OF INTEGRATED FLOOD MANAGEMENT, 2005

Through the study, ADPC advocated the importance of social aspects of integrated flood management, and the need for stakeholder involvement. This was in order to make societies more resilient against flood risks, while recognizing and deriving benefits from the floods.

Donor: WMO

Country: Global

PARTNERSHIPS FOR DISASTER REDUCTION IN SOUTHEAST ASIA (PDR-SEA PHASE 4), 2006-2007

The Partnerships for Disaster Reduction - Southeast Asia (PDR-SEA) is a tripartite partnership project that addresses the regional need for a coordinated endeavor in disaster management sector. PDR-SEA Phase 4 focused on

community-based disaster risk management, with an emphasis on information exchange.

Donor: ECHO

Country: Regional

COASTAL RISK ANALYSIS OF TSUNAMIS AND ENVIRONMENTAL REMEDIATION (CRATER), 2005-2007

CRATER is a replicable approach to managing emergency efforts following tsunami events. CRATER focused on identifying the likely largest earthquake events, preparation of a numerical model for the movement of the tsunami wave(s) towards a coastline, and development of real-time tsunami forecasting systems. It also assessed potential damage on a coastline, screened possible risk management alternatives, assessed environmental damage, and defined reconstruction or remediation programs.

Donor: Italian Ministry for the Environment and Territory

Country: Thailand

VULNERABILITY ATLAS OF VIETNAM, 2004-2007

The project selected national-level pilot atlas activities within the region for eventual integration into regional and/or Asian hazard and vulnerability atlases. It reviewed the applicability of pilot atlases for disaster managers, improved capacity within ADPC and other regional and national organizations to use the atlas, and developed a training module on the use of the resulting pilot atlases.

Donor: Pacific Disaster Center

Country: Vietnam

APPLIED RESEARCH GRANTS FOR DISASTER RISK REDUCTION, ASIA, 2005-2006

ADPC was responsible for the grants awarded to recipients from East Asia and the Pacific, and South Asia. The grant supported innovative research by young professionals from developing countries. Applications with proposals were invited from researchers under the age of 35, and were reviewed by an independent review panel, which made the selection on a competitive basis.

Donor: ProVention Consortium

Country: Regional

TRAINING AND CAPACITY BUILDING PROJECT, AFGHANISTAN, 2004-2005

The training and capacity building project strengthened the capacity of Afghanistan's Department of Disaster Preparedness and line ministries at national, provincial and district levels on disaster risk management. The following training courses were held:

- Two courses on community-based disaster risk management
- Two courses on emergency response management
- Two courses on earthquake vulnerability reduction
- Three courses on flood and drought disaster risk management
- Two courses on training of trainers.

Donor: United Nations Assistance Mission in Afghanistan, through InWEnt – Capacity Building International, Germany.

Country: Afghanistan

3. EARLY WARNING SYSTEMS

ENHANCING COMMUNITY RESILIENCE TO NATURAL DISASTERS IN SOUTHEAST ASIA, 2005-2008

This project aims to build the capacities of communities in risk assessment and monitoring, and of regional and national institutions to provide five-day extreme weather forecasts for early decisions to preserve assets and livelihoods. It also aims to develop and implement a local risk communication strategy and risk reduction plan to enable communities to appropriately respond to warnings and undertake preparedness, prevention, and mitigation. It advocates for policy changes to provide an enabling environment for risk reduction.

Donor: DANIDA

Country: Regional, Cambodia and Vietnam

END-TO-END EARLY WARNING OF TSUNAMIS AND OTHER NATURAL HAZARDS FOR DISASTER PREPAREDNESS AND MITIGATION IN THE INDIAN OCEAN AND SOUTHEAST ASIA: PHASE 1, 2007-2009

The project will establish a real-time seismic observing network to complement the near real-time sea level observing network project funded by the UN/RTTF, as well as a receiving, processing and archiving center for the dissemination of tsunami advisories to participating countries. The project also builds national and local capacities in warning communication, emergency response, and disaster preparedness and mitigation. Activities include the replication of tools developed by the US Indian Ocean Tsunami Warning System (IOTWS) program in countries where they would make the most impact.

Donor: UNESCAP

Country: Bangladesh, Cambodia, Lao PDR, Maldives, Myanmar, the Philippines, Sri Lanka, Thailand and Vietnam

SUPPORT FOR THE ESTABLISHMENT OF CAPACITIES IN THE REGION TO OBSERVE AND EVALUATE ANOMALOUS SEA LEVEL CONDITIONS FOR EARLY WARNING OF TSUNAMIS IN THE INDIAN OCEAN AND SOUTHEAST ASIA, 2006 – 2007

The project aims to establish capacity in the region to observe and evaluate anomalous sea level conditions for tsunami early warning through the establishment of near real-time tide gauge stations in the countries. There is also training of national focal point personnel in tide data analysis, and tide gauge operation and maintenance.

Donor: UN Regional Tsunami Trust Fund

Country: Regional (Cambodia and Vietnam)

PRELIMINARY SEISMIC SITE SURVEYS, 2006

Visits to potential sites for new real-time broadband seismic stations, and upgrading of existing stations in Myanmar, the Philippines and Vietnam were undertaken to add to the regional seismic network.

Funding: Royal Thai Government

Countries: Myanmar, the Philippines and Vietnam

DESIGN, TEST AND DEMONSTRATE A DISASTER MANAGEMENT INFORMATION NETWORK DOWN TO HOUSEHOLD LEVEL, 2007-2009

The project aims for a disaster management network that is operational and demonstrated down to the household level, in support of Component 5b (Support for a Disaster Management Information Network) of Bangladesh's Comprehensive Disaster Management Program.

Donor: UNDP, Bangladesh/CDMP

Country: Bangladesh

ESTABLISHMENT OF AN EARLY WARNING AND DISASTER MANAGEMENT SYSTEM IN THE SEYCHELLES, 2007-2008

The project aimed to develop an early warning system that could address major natural threats in the Seychelles in the short-term. This included: Identifying the roles and responsibilities of national institutions and local authorities in early warning, and procedures at each level of warning, from hazard detection to the triggering of community response; clear communication and reporting channels; equipment for ensuring operations of the warning chain, including those required for an emergency operations center; design and conduct of a pilot early warning exercise involving relevant stakeholders and the four national district platforms; development of an early warning capacity building action plan for the medium or long-term.

Donor: UNDP

Country: Seychelles

RISK COMMUNICATION: IMPROVING COMMUNITY RESPONSE TO DISASTER WARNINGS, 2006

The project assisted countries to improve community response to warnings by gathering all the stakeholders involved in warning communication. They discussed issues related to stakeholder roles, information flow and content, language, timing, and frequency of messages, and developed a risk communication strategy. The project was implemented in collaboration with the Asian Broadcasting Union.

Donor: UNISDR

Country: Maldives, Myanmar, Sri Lanka and Thailand

INDIAN OCEAN TSUNAMI WARNING SYSTEM, 2005-2007

ADPC provides technical support for the implementation of the US government's IOTWS program in the areas of capacity building of national disaster management organizations, national disaster management planning, building tsunami-resilient communities, and coastal zone disaster mitigation. Transferring technology to, and sharing experience with, ADPC is one of the key sustainability strategies of the program.

Donor: USAID

Country: India, Indonesia, Maldives, Sri Lanka and Thailand

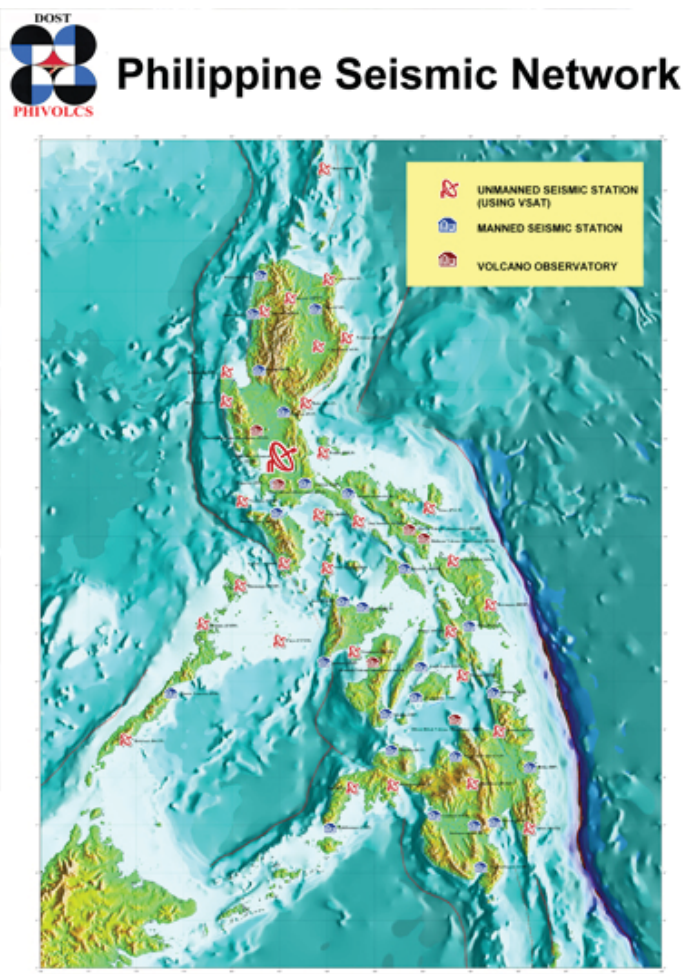
END-TO-END EARLY WARNING SYSTEM AND PREPAREDNESS FOR TSUNAMIS AND OTHER NATURAL HAZARDS IN SOUTHERN THAILAND, 2005-2006

This project saw real-time upgrades of two tide gauge stations in Thailand: one in Koh Taphao Noi near Phuket, and one in Koh Meang, in the Similan Islands. This included on-the-job training for local technical staff and tide observers. The work involved a site survey to assess the condition of stations and equipment, and required upgrades for instruments; equipment installation, including the establishment of a data communication

system; and testing. The technical partner was the University of Hawaii Sea Level Center. The project built the capacities of the Department of Disaster Prevention and Mitigation in basic emergency response, crisis management and damage assessment, and needs analysis. It also built the capacities of select communities in Phang-nga, Krabi, Phuket, Ranong, Satun, Trang, Nakhon Si Thammarat and Surat Thani in disaster preparedness, especially in community risk assessment, evacuation planning and drills, and hazard and risk awareness.

Donor: UNDP

Country: Thailand



ASSESSMENT OF EMERGENCY TELECOMMUNICATIONS FOR DISASTER MANAGEMENT, 2005

The project provided technical inputs into the International Telecommunication Union's assessment of existing emergency telecommunications system in the countries, and provided recommendations for improvement.

Donor: ITU

Country: Bangladesh, Maldives and Sri Lanka

COASTAL RISK ANALYSIS OF TSUNAMIS AND ENVIRONMENTAL REMEDIATION, 2005-2006

In collaboration with the Thai Ministry of Environment, the project assessed the tsunami risk of selected coastal sites, and then developed guidelines for safer construction,

urban and regional development planning, environmental remediation, and tsunami risk mitigation.

Donor: *Italy's Ministry for the Environment and Territory*

Country: *Thailand*

ASSESSMENT OF EARLY WARNING SYSTEMS, 2005

The project assessed the effectiveness of early warning systems in Sri Lanka, and recommended an action plan for improvement. It examined the existing capacities of actors in the end-to-end warning system, including government departments and agencies involved in forecasting, the issuance and communication of warnings, mobilizing at-risk communities to respond, emergency management, public education and awareness, and mitigation. The media, NGOs, and the general public were included. Gaps in the existing system were identified, and a set of actions with resource requirements to address gaps, and enhance capacities to implement an end-to-end multi-hazard early warning system, was recommended. The project was carried out in collaboration with the Sri Lankan Government.

Donor: *UNDP*

Country: *Sri Lanka*

4. PUBLIC HEALTH IN EMERGENCIES

PROGRAM FOR ENHANCEMENT OF EMERGENCY RESPONSE (PEER) [Stage 3], 2009 – 2014

With a core objective, "to build local and regional capacities in disaster risk reduction and management through disaster preparedness training," PEER Stage 3 is underway now until 2014, and is being implemented jointly by ADPC and NSET. The program builds on the efforts and successes of Stages 1 and 2, and is working to further the institutionalization of MFR and CSSR courses in the six project countries. PEER 3 is also focusing on the continuation of the Hospital Preparedness for Emergencies (HOPE) course in the countries where it is already established and expanding to an additional three countries; Cambodia, Lao PDR and Vietnam. A new concept has been added to the PEER's program scope – the Community Action for Disaster Response (CADRE). This aims to bring down the training of emergency response to the local level.

Donor: *USAID and American Red Cross*

Countries: *Bangladesh, Indonesia, India, Nepal, Pakistan, Philippines, Cambodia, Lao PDR, Vietnam*

STRENGTHENING CAPACITIES TO MANAGE PSYCHOSOCIAL ASPECT OF DISASTERS AND COMPLEX EMERGENCIES IN ASIA

Project activities include conducting an open forum on Psychosocial Response to Disasters with Focus on Children in Asia; and strengthening national capacity throughout Asia to cope with the psychosocial and mental health effects of disasters and emergencies.

Donor: *the Royal Government of Norway*

Countries: *Bangladesh, China, Indonesia, Nepal, Philippines, Indonesia, Sri Lanka, Thailand and Vietnam*

PUBLIC HEALTH AND EMERGENCY MANAGEMENT IN ASIA AND THE PACIFIC (PHEMAP), 2001 – 2011

ADPC, the World Health Organization (WHO) Regional Office for the Western Pacific (WPRO) and the WHO Regional Office for South-East Asia (SEARO) jointly developed the PHEMAP curriculum in 2001. ADPC has since been implementing inter-regional PHEMAP courses with funding support from JICWELS, WHO and the Royal Government of Norway. The 10th inter-regional PHEMAP Course, which was organized in Hanoi, Vietnam for the first time, was held on 23 August to 3 September 2010. The PHEMAP Program enhanced the knowledge, skills and attitudes of health human resources at national, sub-national and community levels by offering a range of training courses and capacity building activities. It also promoted and facilitated regional collaboration and national coordination in health emergency management through the development and implementation of formal and informal networks, and other activities.

Donor: *Japan International Corporation for Welfare Services (JICWELS), WHO and the Royal Government of Norway*

Partner Agencies: *WHO-SEARO and WHO-WPRO*

Country: *Bangladesh, Bhutan, Cambodia, China, Fiji, India, Indonesia, Japan, Lao PDR, Maldives, Malaysia, Myanmar, Mongolia, Democratic Republic of Korea, Nepal, Papua New Guinea, Philippines, Samoa, Sri Lanka, Sudan, Thailand, Timor Leste, Vanuatu, Vietnam*



PUBLIC HEALTH IN COMPLEX EMERGENCIES COURSE

The public health in complex emergencies training program is a two-week residential course that focuses on critical public health issues for non-governmental organizations (NGOs), government agencies, private volunteer organizations (PVOs) and allied agencies personnel working in complex emergencies. The course enhances the capacity of humanitarian assistance workers and their organizations to respond to the health needs of refugees and internally displaced persons.

Donor: *USAID*

Partner Agencies: *World Education Incorporated, International Rescue Committee, American University of Beirut, Makerere University Uganda*

Country: *Regional*

DISASTERS AND DEVELOPMENT COURSE (D&D)

Disasters and Development (D&D) course for health and development professionals and focusing on integrating health emergency risk management and sustainable development.

Donor: UNESCAP and UNDP

Country: Regional

MANAGEMENT OF THE DEAD AND MISSING IN DISASTERS (MDM)

This is an international and national program. The goal of the workshop is to enhance a multi-sectoral approach to public health MDM in countries affected by mass-fatality natural disasters, and to contribute to the creation of a regional network of experts for international assistance.

Phase 1: International workshop, 24-28 October 2005, Bangkok

Phase 2: National activities and focused international workshops on specific issues

Phase 3: Development of an international network

Donor: WHO-WPRO and WHO-SEARO, UN OCHA and ADPC

Country: Regional

NUTRITION IN EMERGENCIES (NIE) TRAINING PROGRAM, 2009 – 2011

The course has been designed to increase the nutrition literacy of a broad range of people who have an involvement in nutrition-related emergency responses, including general program managers, logisticians, food security, livelihoods and health personnel. It is also suitable for nutritionists who would like to learn more about emergency programming. The course content is based on the NIE Harmonized Training Package, which was developed on behalf of the Global Nutrition Cluster (GNC) by international experts in emergency nutrition. This is the most up-to-date training package for NIE and is widely recognized by organizations working in the sector. This course is also part of a broader NIE capacity building initiative supported by the GNC and the Emergency Nutrition Network.

Donor: USAID

Partner Agency: Institute of Child Health of University College London, UK

Country: Regional

HOSPITAL EMERGENCY PREPAREDNESS AND RESPONSE COURSE, since 2002 to date

This course was designed to assist health care personnel both administrative and medical, to prepare health care facilities and personnel to respond effectively to internal or community emergencies that involve large numbers of casualties. This will enable hospitals and health facilities in general to develop well designed facility-specific plans to increase their ability to respond and maintain continuous operations during and even after disaster.

Country: Regional

BASIC EMERGENCY RESPONSE COURSES

The Basic Emergency Response Course provides technical skills and knowledge to individuals who are most likely to be first on the scene to perform first aid functions during an emergency. Courses were held in the following countries:

BERC instructors' course, DPM Academy, Thailand, October 3 to December 3, 2005

BERC course, Male, Maldives, September 2005

BERC community course, Ranong, Thailand, February 2006

BERC 21 southern province community courses, Thailand, May to December 2006

Donor: UNDP and The Department of Disaster Prevention and Mitigation (DDPM), Thailand

Country: Regional

STRENGTHENING COMMUNITY-BASED APPROACHES IN THE MANAGEMENT OF AVIAN AND HUMAN INFLUENZA IN ASIA, 2007 – 2009

The AHI-NGO-RC/RC Asia Partnership, comprising the Asian Disaster Preparedness Center (ADPC), CARE, the International Federation of Red Cross and Red Crescent Societies (IFRC) and the International Rescue Committee (IRC) and supported by the Canadian Government through the Asian Development Bank (ADB) implemented the project on 'Strengthening Community-Based Approaches to Management of Avian and Human Influenza in Asia' in November 2007. The primary objective of the project was to strengthen partnerships between communities, NGOs, governments, UN organizations, the private sector and academic institutions in their efforts to manage AHI. In particular, the project also aimed to strengthen the capacities of non-government and community organizations working with communities in managing AHI in the Asian region and to increase the capacity of community-based organizations to engage with governments to integrate homegrown solutions into national policies for AHI prevention and control.

Donor: Government of Canada through ADB

Partner Agencies: IFRC, CARE International, International Rescue Committee

Country: Cambodia, Indonesia, Lao PDR, Myanmar, Philippines, Thailand, Vietnam

STRENGTHENING AND SUSTAINING CAPACITY TO MANAGE PSYCHOSOCIAL ASPECTS OF DISASTERS AND COMPLEX EMERGENCIES IN ASIA, 2007 – 2009

The overall goal of the project was to strengthen and sustain capacity for reducing the psychological risks and impacts of disasters, complex emergencies and epidemics on communities in Asia. A team from the Asian Disaster Preparedness Center visited Indonesia, Philippines, Sri Lanka, and Thailand - countries with a history of disasters, complex emergencies and acts of terrorism and civil insurgencies, and with relatively well-developed health and disaster management infrastructure. The study was implemented through: a) pre-assessment research of literature, recent studies, reports, national and organizational disaster mental health policies, plans and guidelines; b) a questionnaire-based survey of disaster mental health needs and capacities of regional, national and community organizations in the public, private, academic and non-government sectors; and c) regional and national workshops to review research methodologies, logistical and political issues and findings relating to the psychosocial support and mental health. The project synthesized the national reports; analyzed capacity building needs and

recommendations; and highlighted commonalities in gaps or constraints across countries providing recommendations for regional activities to share technical knowledge, resources and good practices.

Donor: USAID

Country: Indonesia, Philippines, Sri Lanka, Thailand

MENTAL HEALTH AND PSYCHOSOCIAL SUPPORT (MHPSS) IN EMERGENCIES PROGRAM, 2005 – 2011

In collaboration with the Disaster Mental Health Institute of the University of South Dakota, the Public Health in Emergencies Team of ADPC conducted a training course on Community-based Psychosocial Support (CBPS) in 2005. The course aimed to provide participants with the skills and knowledge to develop, implement and coordinate psychological support programs in disaster situations. The strong programmatic focus of the course benefited mental health program managers, disaster mental health coordinators, disaster management specialists, psychologists, and community development and welfare practitioners to understand the particular needs of people in the wake of disasters and provided practical tools to manage a community response program to the situation.

Partner Agencies: Disaster Mental Health Institute of the University of South Dakota, USA

Country: Regional

Jonathan Abrahams, Former Director, Public Health in Emergencies

"The relationship between public health issues and emergency management has recently gained considerable attention. As a prime human development indicator it is one of the main concerns in development and disaster management. With increased awareness of linkages between disasters and development and poverty reduction, public health issues have emerged as a key focus area to disaster managers and development workers. The relationship between health and the built environment's shelter and basic services as well as land management, climate and urbanization are areas now under scrutiny."

ZOONOTIC DISEASES PROJECT, 2007 – 2010

The Zoonotic Diseases Project which was granted on October 2007 was implemented between March 2009 and November 2010 – aimed to strengthen capacities in South East Asia, as the epicenter for epidemics, to anticipate, prepare for, and manage the risks of zoonotic diseases in emergencies at the regional, national and local levels. Cast in the context of "One Health", the project will also seek to further advance the understanding of and preparedness for zoonotic disease outbreaks and improve the understanding of zoonotic disease risks and strengthen tools for the assessment of national levels of preparedness. The Zoonotic Diseases Training Package based on "One Health Initiative" is the primary product of the project. The training package was developed to provide a vital and appropriate training tool for personnel who need to deal with zoonotic diseases in emergencies from Ministries of Health, Livestock/Agriculture, local governments, NGOs, UN and International Agencies, academic institutions, media and the private sector.

Donor: Rockefeller Foundation

Country: Regional

EXERCISE MANAGEMENT PROGRAM, 2007-2009 APEC EXERCISE MANAGEMENT WORKSHOP

The purpose of the APEC Exercise Management workshop, which was conducted on April to May 2007 in Thailand, was to enhance APEC member economies ability to design, conduct and evaluate emergency management sim-



ulation exercise, by providing participants with a range of resource that they can use to conduct simulation exercises in their own economies.

Donor: APEC

Partner Agency: Australian Government Department of Agriculture, Fisheries and Forestry (DAFF)

Country: APEC member countries

REGIONAL EXPERIENCE SHARING WORKSHOP ON EXERCISE MANAGEMENT IN ASEAN+3 COUNTRIES

Regional Experience Sharing Workshop on Exercise Management in ASEAN+3 countries was conducted on 27-28 November 2007 to share experience in conducting exercises for communicable disease emergencies in ASEAN+3 countries. Representatives of the Ministries of Health from Brunei, China, Indonesia, Japan, Malaysia, Philippines, Singapore, and Thailand participated in the workshop. The output of the workshop contributed to the process of developing an exercise management training package to enhance the knowledge and skills of people who have responsibility for conducting exercises at regional, sub-regional, national and sub-national levels.

Donor: USAID

Partner Agencies: Ministry of Public Health of Thailand, Kenan Institute Asia

Country: ASEAN member countries, China, Japan, South Korea

5. URBAN DISASTER RISK MANAGEMENT

PROGRAM FOR HYDRO-METEOROLOGICAL DISASTER MITIGATION IN SECONDARY CITIES IN ASIA [PROMISE], 2005 - 2010

The project involves increasing stakeholder involvement and further enhancement of strategies, tools and methodologies related to community preparedness and mitigation of hydro-meteorological disasters in urban communities as well as strengthen networks and regional links among relevant risk management institutions/organizations for improving potential and capacity of lessons learned.

Donor: USAID

Countries: Bangladesh: Chittagong, Jamalpur Indonesia: Metro Jakarta; Pakistan: Hyderabad Philippines: Dagupan, San Mateo Sri Lanka: Kalutara, Matara, Viet Nam: Da Nang

DEVELOPING A NATIONAL RISK PROFILE FOR LAO PDR, 2010

The project involves mapping out specific hazard prone areas and zones to identify exposure to people, property, critical facilities, infrastructure and economic activities assess potential damage to identify priorities for national disaster risk reduction strategies.

Donor: UNDP

Country : Lao PDR

REGIONAL CAPACITY ENHANCEMENT FOR LANDSLIDE IMPACT MITIGATION (RECLAIM III), 2009 - 2010

Phase III aims to address promotion of good practices for early warning for landslide occurrence in a changing climate scenario, and develop best practices for early warning of landslides for sustainable development in areas affected by landslides.

Donor: Royal Norwegian Ministry of Foreign Affairs (MFA)

Countries: Bhutan, India, Indonesia, Nepal, Philippines, Sri Lanka and Thailand, China, Pakistan, Viet Nam and Bangladesh (the last four countries added to the third phase)

COMPREHENSIVE DISASTER MANAGEMENT PROGRAM, 2006 - 2009

This is a technical assignment for the government of Bangladesh. ADPC is working on three components related to urban disaster risk management: (i) seismic hazard and vulnerability assessment of Dhaka, Chittagong and Sylhet City Corporation Areas; (ii) contingency planning for earthquake hazard; and (iii) training, advocacy and awareness with regard to earthquake and tsunami hazards.

Donor: European Commission.

Country: Bangladesh

ASIAN URBAN DISASTER MITIGATION PROGRAM (AUDMP), 1995 - 2005

This was the first of six regional programs by ADPC to demonstrate the importance of, and strategic approaches to, urban disaster mitigation as part of the urban development planning process in targeted Asian cities. The AUDMP was designed to respond to the need for safer cities. The ultimate goal of the program was to reduce the

disaster vulnerability of urban populations, infrastructure, critical facilities, and shelter in cities. More specifically, the AUDMP aimed to: (i) establish sustainable public and private sector mechanisms for disaster mitigation that will lessen loss of life, reduce physical and economic damage, and shorten post-disaster recovery time, and (ii) promote the replication and adaptation of successful mitigation measures within target countries and throughout the region.

Donor: USAID

Country: Bangladesh, Cambodia, Indonesia, Lao PDR, Nepal, Philippines, Sri Lanka and Thailand.

REGIONAL CAPACITY ENHANCEMENT FOR LANDSLIDE IMPACT MITIGATION, 2005-2011

This project promotes dialogue between decision-makers and professionals about theoretical and practical aspects and issues related to landslide hazard mitigation. The long-term objective of the project is to reduce the landslide disaster vulnerability of human settlements, infrastructure, and critical facilities in the countries of India, Nepal, Bhutan, Sri Lanka, Indonesia and Thailand, with a possible extension to Bangladesh.

Donor: Royal Norwegian Ministry of Foreign Affairs (MFA)

Country: Regional



SUSTAINABLE CAPACITY BUILDING ON URBAN DISASTER MITIGATION IN ASIA USING INFORMATION TECHNOLOGY APPLICATIONS (CASITA), PHASE II: 2005- 2006

This project built knowledge on modern urban disaster mitigation tools and methods through the inclusion of relevant and up-to-date disaster management components in the university curriculums of urban planning courses in several Asian universities and training institutes.

Donor: EuropeAid, under its Asia IT&C program

Country: Regional

STRENGTHENING HOUSEHOLD ABILITIES FOR RESPONDING TO DEVELOPMENT OPPORTUNITIES (SHOUHARDO), 2004-2009

ADPC is contributing to SHOUHARDO as the technical consultant for urban development work by mainstreaming risk mitigation into a number of common areas. This is to convert selected, most vulnerable communities in chosen municipalities into resilient communities. The goal of the program, implemented by CARE Bangladesh, is to reduce chronic and transitory food insecurity for 400,000 vulnerable households in 18 districts of Bangladesh. The program targets the poorest and most vulnerable households, and the women and girls living in them, in remote and difficult areas. The program covers 2000 villages and 130 urban slums in North Chars, Middle Chars, Haor and coastal regions.

Donor: *Development assistance project implemented by CARE Bangladesh, with funding from USAID*

Country: *Bangladesh*

GOOD URBAN GOVERNANCE IN SOUTH ASIA (GUGSA)

The good urban governance in South Asia project was initiated by the USAID's Regional Urban Development Office for South Asia, in collaboration with the region's bilateral USAID Missions. GUGSA was a three-year project in Bangladesh, Nepal and Sri Lanka initiated in October 2001. GUGSA activities documented, disseminated and demonstrated best practices from local government bodies to improve the response capacity of local urban governments, culminating in a regional conference for dissemination.

Donor: *USAID*

Country: *Regional*

EARTHQUAKE RISK ASSESSMENT FOR MYANMAR, 2009 – 2011

The overall goal of this project is to support Myanmar in developing the comprehensive seismic risk assessment approach in partnership with the Government of Myanmar and national technical and research agencies. The scope of works for this project includes review of past and ongoing activities on seismic risk assessment in Myanmar, identification of seismic sources and assessing seismic hazards, identification of the most vulnerable areas in Myanmar, carrying out a seismic risk assessment for a pilot city, capacity building of national agencies in seismic risk reduction in-line with national and international DRR framework.

Donor: *Royal Norwegian Ministry of Foreign Affairs (MFA)*

Country: *Myanmar*

NEPAL HAZARD RISK ASSESSMENT, 2009 - 2010

The objective of the project is to develop a synthesis report on Nepal's major hazards, present an overview of vulnerability assessment, detailed economic analysis using loss probability modeling of the country's risks and map high-risk geographical regions. The project is executed in collaboration with the Norwegian Geotechnical Institute (NGI) and Center for International Studies and Cooperation (CECI). The study was conducted in association with government institutions such as Department of Hydrology and Meteorology, Ministry of Environment, Science and

Technology, Nepal etc. and other stakeholder institutions. The project outcome will bring out mapping of hazards (earthquake, floods, drought, epidemics and landslides), vulnerability and risk assessment of important sectors for major hazards and projection of economic losses resulting from triggering of these hazards. The outcome will finally provide a set of DRR recommendations for safe development by economic sector.

Donor: *The World Bank*

Country: *Nepal*

RISK ASSESSMENT OF HERITAGE AND NON-HERITAGE BUILDINGS IN THE OLD PART OF DHAKA CITY, BANGLADESH, 2009 - 2009

The objective of the project is to assess the structural conditions of culturally important selected 113 buildings located in the old part of Dhaka city. These buildings fall within the list of buildings that the Government of Bangladesh had declared as heritage considering historical importance.

Donor: *Government of Bangladesh*

Country: *Bangladesh*

REGIONAL PROGRAM FOR PRE-DISASTER NATURAL HAZARD LOSS ESTIMATION, 2009 – 2011

The main objective of this project intervention is to devise a methodology for a systematic and consistent collection of data and assessment of the damage caused to housing, buildings, infrastructures, to the environment, and to social and economic systems from which an accurate assessment of financial losses can be determined. Further, another aim is a long-term economic modeling based on the financial losses derived from identified damages and delivering a comprehensive training package targeted for capacity building of key specialists from selected priority countries and delivering training at regional and national levels.

Donor: *Royal Norwegian Government*

Country: *Bangladesh, China, Vietnam, India, Indonesia, Nepal, Pakistan, Philippines, Sri Lanka*

EARTHQUAKE RISK ASSESSMENT AND VULNERABILITY MAPPING FOR RANGAMATI, KHAGRACHARI AND BANDARBAN MUNICIPALITY OF CHITTAGONG HILL TRACTS, BANGLADESH, 2009 – 2010

Chittagong Hill Tracts Development Facility (CHTDF) initiated the project with the objective to assess the seismic vulnerability of three major municipalities in the Chittagong Hill Tract region. ADPC was assigned to give technical assistance for the project. Major tasks of the assignment were to identify vulnerability and risk of the community and infrastructure and develop earthquake hazard maps in the targeted municipalities.

Donors: *UNDP-CHTDF, Bangladesh*

Country: *Bangladesh*

RESEARCH ON CULTURE OF SAFETY IN SCHOOLS IN BANGLADESH, 2010

The proposed research work was intended to investigate the context of "Towards a Culture of School Safety in Bangladesh" and further developing a framework where initiatives in School Safety can be mainstreamed.

Donor: ECHO
Country: Bangladesh

DISASTER SHELTER SYSTEM PROJECT-PHASE 1, 2010 – 2011

The main objective of this project is to prepare a comprehensive analysis of long-term needs of disaster shelter systems in 15 coastal districts by the year 2015 for Bangladesh and recommendations to improve the system by implementing structural and non-structural activities in priority areas. The detailed feasibility study covers technical, institutional and economic analysis, social and environmental assessment and the procurement and financial

*Mr. N.M.S.I. Arambepola., Director
Urban Disaster Risk Management*

“ DRM will not be a priority for cities. Hence, we need to integrate DRM into other local Government level actions for which city governments have mandates. This is not an easy task. Again, there is a need to pilot this in a few local governments and then we need to institutionalize the process within the sector. We should develop a UDRM mainstreaming strategy for each country. ”

management for making recommendation for preparation of procurement tender package for construction, resilient and infrastructure development of the selected upazilas. Resource Planning and Management Consultants, Bangladesh is the main contractor and ADPC is the team leader responsible for conducting comprehensive field surveys and GIS mapping.

Donors: WB/ Local Govt. Engineers Dept (LGED)
Country: Bangladesh

PROGRAM FOR BUILDING SUSTAINABLE AND SAFER COMMUNITIES THROUGH INTEGRATING DEVELOPMENT AND DISASTER RISK REDUCTION, 2010

The project is a pilot intervention aiming on a longer term mainstreaming DRR in development planning in Bangladesh through the projects under and Muslim Aid. The objective of this assignment is the development of training and learning materials on mainstreaming DRR into development activities and capacity building training to the project staff of Muslim Aid Bangladesh.

Donor: Muslim Aid, UK
Country: Bangladesh

DEVELOPMENT OF A NEW TRAINING MODULE ON CLIMATE CHANGE AND INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) FOR THE ACADEMY OF ICT ESSENTIALS FOR GOVERNMENT LEADER (ICTDR), 2010 – 2011

The overall objective of the partnership is to enhance awareness, knowledge and essential skills among mid to senior level government officials of ESCAP member and associate member States on the strategic use of ICTs for disaster risk reduction (DRR) and management (DM). This will be carried out through a development of the ninth training module on the aforementioned topic, which will be added to APCICT's "Academy of ICT Essentials for Government Leaders" (the Academy). ADPC as the leading author and coordinator of

the development of Module 9, will also serve as the main resource person(s) during the implementation of the training module and in the field-testing and/or the first regional workshop (or a training of trainers session) of the Module.

Donor: UNESCAP
Countries : N.A.

BUILDING DISASTER RESILIENT AND SAFER COMMUNITIES IN BANGLADESH, 2009-2010

The objectives covered are developing a comprehensive understanding on DRR among the Islamic Relief project staffs and community representatives involved in DIPECHO-SA: promoting 'culture of safety' in schools through participatory approach to develop school safety plans, practice preparedness measures and conduct simulation with regard to earthquake and floods. These objectives were met through a range of trainings to varying target groups and Plan Bangladesh.

Donor: ECHO
Country: Bangladesh



PROGRAM FOR DISASTER PREPAREDNESS AND RESPONSE TRAINING, 2010-2012

The project aims to build the DRM capacity of Red Cross Society of China (RCSC) in partnership with American Red cross and Asian Disaster Preparedness Center. The objectives of the project include enhancing RCSC's disaster management capacity through training, technical supervision to RCSC trainers for further capacity building of their staff and personnel, developing strategy for continuous monitoring of capacity building for DRM and follow up mentoring interventions. The project will design course curriculum for general disaster management, response planning, damage and need assessment, and community-based disaster preparedness. The project will further support the RCSC to develop strategy for capacity building in future endeavors.

Donor: American Red Cross
Country: China PR



ANNEX B:

Key partners and donors

Acknowledgements

ADPC extends its thanks and appreciation to all its partners for their commitment and notable support. Listed here are some key partners.

United Nations partners

- » Eastern Mediterranean Regional Office, WHO
- » Food and Agriculture Organization of the United Nations (FAO)
- » United Nations International Strategy for Disaster Reduction (UNISDR)
- » Regional Center, UNDP, Thailand
- » Southeast Asia Regional Office, WHO
- » United Nations Assistance Mission in Afghanistan (UNAMA)
- » United Nations Center for Human Settlements (UN-HABITAT)
- » United Nations Center for Regional Development Disaster Management Planning Hyogo Office (UNCRD)
- » United Nations Children's Fund (UNICEF)
- » United Nations Development Fund for Women (UNIFEM)
- » United Nations Development Program (UNDP)
- » United Nations Economic and Social Commissions for Asia and the Pacific (UNESCAP)
- » United Nations Environment Program (UNEP)
- » United Nations Framework Convention for Climate Change (UNFCCC)
- » United Nations High Commissioner for Refugees (UNHCR)
- » United Nations Humanitarian Information Center
- » United Nations Mine Action Service (UNMAS)
- » United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA)
- » United Nations Research Institute for Social Development (UNRISD)
- » United Nations System of Organizations Official Website Locator
- » United Nations Systems Influenza Coordination (UNISIC)
- » United Nations Volunteers (UNV)
- » Western Pacific Regional Office, WHO
- » WHO Food Programme (WFP)
- » World Health Organisation/Division of Emergency and Humanitarian Action (WHO-EHA)
- » World Health Organization (WHO)



Development Organizations

- » Asian Development Bank (ADB)
- » Australian Agency for International Development (AusAID)
- » Canadian International Development Agency (CIDA)
- » Danish International Development Agency (DANIDA)
- » Department for International Development (DFID)
- » Dutch Development Corporation (SNV)
- » ETC International
- » European Commission's Humanitarian Aid Department (ECHO)
- » European Union (EU)
- » German Technical Cooperation (GTZ)
- » Global Finland (Department for International Development Cooperation of the Finnish Ministry for Foreign Affairs)
- » Japan International Cooperation Agency (JICA)
- » National Oceanic and Atmospheric Administration – Office of Global Programs (NOAA-OGP)
- » Norwegian Agency for Development Cooperation (NORAD)
- » Office of Foreign Disaster Assistance (OFDA), United States Agency for International Development (USAID), Washington DC
- » Swedish International Development Cooperation Agency (SIDA)
- » World Bank



ANNEX C:

ADPC Staff Profile

Dr. Bhichit Rattakul

Executive Director, ADPC

Dr. Bhichit, a scientist with over twenty years experience in Industrial Science and Technology Research in policy and management, disaster management and environmental education and research has also been a key supporter of multi-cultural natural resources management programs. An active advocate and promoter of community-based disaster risk reduction activities, with a doctorate in Biotechnology from USA, he has taught at the Faculty of Science, Chulalongkorn University, Thailand. Dr. Bhichit graces many Boards of Trustees of universities in Thailand and has served as a board member in many state enterprises in Thailand. His work has encompassed both academic and political arenas and he was elected a Member of the Parliament, Thailand three times and has served as the Science and Technology Portfolio Cabinet Member of the Royal Thai Government. In 2000, he was the elected Governor of Bangkok, as well as an elected Senator from Bangkok.

Mr. Loy Rego

Deputy Executive Director,

Director, Disaster Management Systems

Loy has over twenty seven years of experience in disaster risk management, occupational safety and industrial disaster preparedness and was appointed the Deputy Executive Director in 2008. At ADPC, Loy joined as the Manager, Learning and Professional Development (LPD) before being made the Director for Planning Development and Partnerships (PDP). Since July 2003, Loy has been the Director of the Disaster Management Systems (DMS) team, implementing programs on mainstreaming disaster risk reduction (DRR), flood preparedness & risk reduction programs on the Mekong Delta provinces, community-based DRR and the development of governance policies and DRM plans in South and South East Asia. He has been actively involved with the ADPC Regional Consultative Committee (RCC) mechanism in the planning and conducting of seven annual RCC meetings held since 2000, as well as the RCC program on Mainstreaming DRR into Development, policy and planning (MDRD).

Mr. Boon Tiong Tay

Director, Finance

Boon-Tiong has twenty two years of international development experience, of which twenty one years were with the World Bank and the Global Environment Facility (GEF) in Washington DC and one year with an UNEP/GEF project in Bangkok. He specializes in financial and budget management, project financing & evaluation and corporate resource management. Boon-Tiong has ten years of management auditing with Exxon Inc. (Europe) and public auditing with Coopers & Lybrand (United Kingdom). Boon-Tiong is a Fellow of the Institute of Chartered Accountants in England & Wales.

OFFICE OF THE EXECUTIVE DIRECTOR

Ms. Sirikarn Kahattha

Senior Coordinator, Host Country Relations

Sirikarn, one of the most senior staff in ADPC and with more than twenty years experience, coordinates with various domestic offices including The Government of Thailand and NGOs based in Thailand.

Ms. Ling Ling Jiang

Project Manager, China and North-East Asia

Ling Ling has a range of responsibilities including managing and developing China-related programs and projects at ADPC. She is responsible for developing co-operation and coordination of relevant affairs in China and programs in North - East Asian countries. Prior to joining ADPC, Ling Ling worked in the government sector in China. She holds a Masters in Business Administration (MBA) degree in International Business from the Asian Institute of Technology, Thailand.

Ms. Hla Hla

Senior Programme Manager/ Comptroller

Hla Hla is the financial controller of ADPC and prior to joining ADPC, she worked in the international trading sector in Myanmar. She holds a Masters in Business Administration (MBA) from the Asian Institute of Technology, Thailand and a Diploma in Accounting from the London Chamber of Commerce Industry.

Ms. Penprapa Rittiboonchai

Manager, Human Resources and Administration

Penprapa holds a Master's in Business Administration in human resources management from the Asian Institute of Technology, Thailand. She has over fifteen years of experience in HR management in the private and development sectors. She began her career in the development sector with Mekong River Commission Secretariat (MRCS) in Cambodia, Lao PDR. Penprapa, heading the personnel unit in MRCS was responsible for HR policies, recruitment, contracts, allowances and benefits, as well as overseeing overall personnel management. She was a member of the task force for the MRCS relocation from Cambodia to Lao PDR in 2004.

Mr. Bill Ho

Information Research and Development Coordinator

Bill has a background in project management and coordination. He has extensive experience working throughout USA, Southeast Asia and China. Currently, his main responsibility is to liaison between ADPC and international organizations. He is also involved with information sharing activities at ADPC.

Ms. Swaree Rupasinghe

Senior Program Development and Support Coordinator

Swaree supports the Deputy Executive Director in coordination and program development within ADPC. She has ten years of experience in the development sector and her areas of expertise include disaster response and recovery,

urban development and resettlement, environmental management and resettlement, environmental impact assessment and women's rights.

Ms. Hye Young (Hailey) Kim

Senior Information and Communication Coordinator

Hailey joined ADPC in October 2009 as a Senior Information and Communication Coordinator. Her core responsibilities are to develop comprehensive communications strategy which includes internal and external information management and effective outreach plans. In conjunction with this, she has been actively engaged in media relations in order to increase public awareness by getting correct message out in a timely manner. She also manages ADPC website by creating and maintaining contents ensuring consistency of materials and messages and takes a full responsibility of the organization's printed publications including brochure, newsletter, pamphlets, etc. Hailey holds Masters Degree in International Affairs with focus on Conflict Resolution and International Development.

Mr. Danate Donparadorn

Senior Graphic and Web Associate

Danate is currently working in IKM team and manages the internal Information exchange system. Before joining ADPC, Danate worked as CAD programmer in ERMG/UDRM/SERD, Asian Institute of Technology (AIT).

Mr. Manit Poomkumarn

Graphic and Web Associate

Manit works in the graphic design field and carries out the design of ADPC publications and posters. He has more than 6 years experience working as Graphic design and Web design.

Ms. Sunisa Soodrak

OED Coordinator

Sunisa has experiences as coordinator and assistant for many years with people from different culture. Not only working as teacher assistant at Faculty of Political Science, Thammasat University, but also assisting to managers in successful company. Coordination for Office of Executive Director is her main responsibility in ADPC.

DISASTER MANAGEMENT SYSTEMS

Mr. Aslam Perwaiz

Program Manager

Aslam has more than 15 years of experience in development field including 10 years of work in Disaster Risk Management in South Asia and South East Asia. At ADPC, he focuses on capacity building for national and sub-national authorities for the planning and implementation of flood disaster preparedness programs in partnership with the Mekong River Commission (MRC), National Disaster Management Offices (NDMOs) and National Mekong Committees in the Lower Mekong Basin. He represented ADPC as Associate Member to the United Nations Disaster Assessment and Coordination (UNDAC) mission on Disaster Preparedness and response (DPR) to Cambodia. With a strong interest in water resource management, environment management and climate Change adaptation issue and its linkages with disaster risk reduction, Aslam is involved in DRR program development and implementation with strong focus on community base aspects and integration of DRR into socio economic planning process.

Mr. Arghya Sinha Roy

Program Manager

With a strong interest in socio-economic development and the impact of disasters on development, Arghya is involved in managing the ADPC facilitated Regional Consultative Committee (RCC) Program on Mainstreaming Disaster Risk Reduction into Development Policy, Planning and Implementation, which essentially builds evidence and facilitates the strengthening of partnerships between various agencies for safer development. With an inclination to understand, link, and articulate various aspects of disaster risk reduction with the broader development agenda, Arghya is involved in various aspects of the implementation of disaster risk reduction, be it programmatic, development of tools and guidelines or research and documentation.

Mr. Sudhir Kumar

Project Manager

Sudhir has over eight years of Disaster Management experience. Prior to joining ADPC, he worked with UNDP Disaster Risk Management Program, India and was involved in drafting DRR related policy, mainstreaming and capacity building. He also worked with the Government of Gujarat, India in the post-Gujarat earthquake R&R Program. He worked in Afghanistan and drafted guidelines for preparation of Provincial Disaster Management Plan and conducted trainings. After joining ADPC, he worked in Myanmar and was involved in drafting Myanmar Action Plan on Disaster Risk Reduction (MAPDRR) and studies on Hazard Profile and Institutional arrangements for Disaster Management. He was involved in developing CBDRM, First aid, Search and rescue and School safety manuals for UNDP, Myanmar. He was also involved in the post-Nargis R&R program.

Ms. Ronilda R Co

Project Manager

Ronilda has acquired more than ten years of experience in development work in the Philippines. Her work in the Philippines spanned project development and management, training design development and delivery, policy analysis, monitoring and evaluation, mediation, urban and regional planning with a focus on environmental policy and planning. She is currently working on the Mainstreaming DRR in Development Program.

Ms. Thitiphon Sinsupan

Project Officer

A Civil and an Environmental Engineer, Thitiphon is currently working on "Strengthening Implementation of Flood Preparedness Programs at Provincial, District and Commune Levels in the Lower Mekong Basin" project under the Flood Management and Mitigation Program (FMMP) of the Mekong River Commission (MRC). Prior to joining ADPC, she worked with the Swiss National Centre of Competence in Research North-South, NCCR N-S/ AIT-Switzerland, related to environmental activities and stakeholder involvement, located at the School of Environment, Resources and Development, Asian Institute of Technology, Bangkok.

Ms. Pannawadee Somboon

Senior Program Coordinator

Pannawadee joined ADPC in 2005. She is responsible for coordinating the overall administrative, logistic and project related activities of the Disaster Management Systems Team in addition to secretarial and logistic support to the team leader. She is an active member of the coordination and organizing team for several regional and international meetings and workshops. She holds both Bachelor's and Master's degrees in English Language from Chulalongkorn University, Thailand.

Ms. Teresa Abo

Program Coordinator

Teresa provides coordination to several projects in ADPC. Her present assignments includes, the Mainstreaming Disaster Risk Reduction into Development Policy, Planning and Implementation (MDRD) program, coordination of the Regional Consultative Committee (RCC), RCC MDRD Advisory panel and the RCC MDRD technical experts meetings and in the implementation of specific regional components of the RCC MDRD Program.

Lao PDR. Office

Mr. Thanongdeth Insisiengmay

Program Manager, Lao PDR

Thanongdeth has extensive experience in the field of hydro-meteorology. Prior to joining ADPC, he served with the Mekong River Commission for over ten years in hydro-meteorological data collection, flood management and mitigation, capacity building and training, development and management of projects and programs. He is currently responsible for the GTZ funded project entitled "Flood Emergency Management Strengthening" under the Flood Management and Mitigation Program (FMMP) of the Mekong River Commission (MRC). He is a water resources engineer from the University of Technology, Dresden, Germany and holds a Master of Engineering Science in hydrology and development technology from the University of Melbourne, Australia.

Ms. Somvath Keokhamphoui

Program Coordinator

Somvath is currently working on two projects of the MRCS' Flood Management and Mitigation Program (FMMP), Flood Emergency Management Strengthening funded by GTZ, and Implementation of Flood Preparedness Program at Provincial, District and Commune Levels in the Mekong Basin, funded by ECHO in Khammouane province, Lao PDR. She holds Master's Degree in Urban Environmental Management from AIT, Thailand.

Cambodia Office

Mr. Chum Vuthy

Regional Project Manager

Vuthy is presently responsible for implementing the GTZ-MRC-ADPC, project named "Flood Emergency Management Strengthening (FEMS)", a Component 4 of FMMP in the MRC's member states Cambodia, Vietnam, Lao PDR and Thailand. Prior to joining ADPC, he worked for over six years as a Program Manager for Community-Based Disaster Preparedness (CBDP) and Flood Early Warning System project of the Cambodian Red Cross (CRC). He also served as a Humanitarian Accountability Coordinator of the Humanitarian Accountability Network under Oxfam GB in Cambodia. Particularly, Vuthy has extensive background and experience in institutional development, capacity building and integration DRR into sustainable local development.

Mr. Chantola Bi

Project Assistant

Mr. Chantola is currently a Project Assistant for the projects under the Component 4 of the MRCS' Flood Management and Mitigation Program (FMMP) implemented by ADPC in Cambodia. His works skills are administration and logistical support, filling, coordinating with government agency, project financial management, human resource, and project management. Prior joining ADPC, he worked in an Assistant of PIU at CARE Cambodia for one year since 2004, and 4 years as Project Assistant of JDS Scholarship

Office under Japan International Cooperation Center (JICE) since 2001.

Viet Nam Office

Ms. Doan Thi My Hoa

Project Assistant

Hoa joined APDC since 2006 as a project assistant. Her main work responsibility is to assist implementation of two MRC-ADPC projects in the lower Mekong Delta of Vietnam.

URBAN DISASTER RISK MANAGEMENT

Mr. N.M.S.I. Arambepola

Director, Urban Disaster Risk Management

Arambe is the Director and Team Leader of the Urban Disaster Risk management (UDRM) team. He has been responsible for the management of several notable Regional Programs such as the Asian Urban Disaster Management Program (AUDMP), Asian Program for Regional Capacity Enhancement for Landslide Impact Mitigation (RECLAIM) and Capacity Building in Asia Using Information Technology Applications (CASITA). Currently, he is responsible for the implementation of Regional Programs such as the Program for Hydro-meteorological Disaster Mitigation in Secondary Cities in Asia (PROMISE), Program for Disaster Risk Reduction in Asia and the Earthquake Preparedness Program under the Comprehensive Disaster Management Program (CDMP) in Bangladesh. The Earthquake Preparedness Program in Bangladesh is based on city corporation areas of Dhaka, Chittagong and Sylhet and includes three projects namely, seismic hazard and vulnerability mapping, training, advocacy and awareness with regards to Earthquake and tsunami hazard and contingency planning. His extensive knowledge in disaster management and geotechnical engineering, particularly in relation to landslide studies and flood mitigation, as well as his hands-on experience in program management level contributes to effective UDRM.

Dr. Peeranan Towashiraporn

Program Manager

Peeranan joined ADPC in April 2010 as a senior project manager under the Urban Disaster Risk Management program. Prior to joining ADPC, he spent over 5 years as a senior engineer at AIR Worldwide Corporation, a premier catastrophe risk modeling firm, in the United States, where he engaged in works related to seismic vulnerability and risk assessments of buildings as well as earthquake-induced casualty estimation. He has published several technical papers in the fields of earthquake engineering and vulnerability assessment. Most recently he published a paper focusing on the probabilistic estimation of fatalities due to earthquakes in Japan. He has participated in dam-

age reconnaissance teams for an earthquake in Greece and several hurricanes in the southern United States. He received his Bachelor's degree in Civil Engineering from Chulalongkorn University, Thailand, while his M.S. and Ph.D. degrees in Civil Engineering were from Georgia Institute of Technology in the United States. More recently, he has been interested in the topics of risk transfer and risk financing schemes such as a micro-insurance or index-based insurance for natural disasters.

Dr. Senaka Basnayake

Urban Climate Risks Management Specialist

Dr. Senaka joined ADPC in August 2010 as the Urban Climate Risk Management Specialist / Senior Climatologist under the Urban Disaster Risk Management (UDRM) program. Before joining ADPC, he has worked as a Scientist at the Theoretical Division of SAARC Meteorological Research Centre (SMRC) in Dhaka, Bangladesh for about 2.5 years. He has started his career as a Meteorologist at the Department of Meteorology, Colombo, Sri Lanka in 1988 and he has also served as a Senior Meteorologist and Meteorologist-in-Charge of Centre for Climate Change Studies (CCCS) from 2000 to 2007. He has experience on conducting research on severe weather events (thunderstorms, cyclones, squall lines), executing numerical models (WRF) to simulate them, analyzing observed meteorological and climatological data for understanding climate change, variability and extreme weather events (floods, droughts, etc), downscaling of General Circulation Models (GCM) products using dynamical (PRECIS, RegCM3) and statistical (CPT) models for developing future climate change scenarios and making seasonal weather forecasts over high resolution grid, executing storm surge model (IIT-Delhi) for calculating surge height and possible inundation areas over the coastal belt, issuing weather forecasts, bad weather warnings and advisories for general public, aviation, shipping and fishing sectors through electric, electronic and printed media, engaging various national and international projects funded by NSF-Sri Lanka/UNDP/START/UNEP/IPCC-WGIII/APN for developing adaptation tools for climate change and raising awareness on climate change. He was the Thematic Consultant of Climate Change for the UNDP funded National Capacity Self Assessment (NCSA) project of Sri Lanka during 2005 and 2006. He has published many research papers in national and international journals in addition to research reports and articles. Dr. Senaka holds B.Sc. (special) degree in Physics, postgraduate diploma in Meteorology and PhD degree in Meteorology.

Ms. Padma Karunaratne

Program Manager

Padma is the Program Manager for the Program for Hydro meteorological Disaster Mitigation in Secondary Cities (PROMISE) implementation in six countries in Asia. She was an active member of the Colombo District Emergency Management Committee and worked closely with the Disaster Management Center of Sri Lanka. She has rendered her services in developing national level policy documents on disaster management in Sri Lanka.

Mr. Amit Kumar

Senior Project Manager

Amit is presently conducting the Nepal Hazard Risk Assessment. His area of expertise includes earthquake disaster risk management, emergency response management and disaster management planning and is the recipient of several National and International fellowships in the area of Earthquake Disaster Management. He is a member for the development of guidelines on Urban Flood Management and Incident Command System, National Disaster Management Authority, Government of India.

Mr. Anisur Rahman

Project Manager

Anis specializes in land use planning and is presently working in a Seismic Hazard & Vulnerability Mapping and Risk Assessment Project being implemented for the Chittagong Hill Districts in Bangladesh. Another key project that Anis is involved in the Seismic Hazard and Vulnerability Assessment for three major cities in Bangladesh undertaken in 2008-2009. He was associated with the implementation of the Mainstreaming Disaster Risk Management Project in the Philippines, Laos PDR and Cambodia.

Ms. Nirmala Fernando

Project Manager

Nirmala is involved in the implementation of several projects, mainly in the implementation of the Earthquake and Tsunami Preparedness Program in Dhaka, Chittagong and Sylhet City Corporations, within the Comprehensive Disaster Management (CDMP) Program, Bangladesh. Currently she is involved in the implementation of projects under the MOU between ADPC and the Royal Norwegian Government.

Mr. Arvind Kumar

Project Officer

Arvind is presently engaged with the Assam Integrated Flood and Riverbank Erosion Risk Management Project as an International Disaster Risk Management Specialist, where he is assisting the Asian Development Bank (ADB) in the implementation of the pilot project on Community Based Flood Risk and Livelihood Management. He is also coordinating the Strengthening Household Abilities in responding to Development Opportunities (SHOUHARDO) Project in Bangladesh. He has extensive experience working with NGOs and United Nations agencies in India and Thailand in the areas of governance, participatory planning, livelihood, micro-credit, ICT and disaster management.

Ms. Gabrielle Iglesias

Project Officer

Gabrielle is actively involved in the implementation of the Program for Hydro-meteorological Disaster Mitigation in Secondary Cities in Asia (PROMISE). She helped develop and was lead person for pioneering Spatial Information Management specialization within the Masters in Public Administration curricula. Her research experience includes; leading the e-government assessment study of four Philippine cities under the Governance study of the

Philippine-APEC Study Center Network, developing an approach to adopting geo-information and GIS under the project Strengthening Local Authorities in Risk Management (SLARIM) with ITC.

Mr. Tun Aung Kyaw

Project Coordinator

Tun Aung Kyaw joined the ADPC in September 2009. He is working for ADPC as the project coordinator for Earthquake Risk Assessment for Myanmar project. His background is Geology and he graduated from Mandalay University. After graduating from Mandalay University, He joined Yangon University for the diploma of mineral exploration specialized in Geochemistry. Nearly finished the diploma, he attended officer training school and joined the Army. In the Army, he learned the regional geology of Eastern Shan state, Myanmar and also learned the lead mineralization of Mawfa area, Eastern Shan state. After that he transferred to Ministry of Agriculture and Irrigation. In the ministry, he was responsible for underground water exploration. Finally, he joined the Asian Institute of Technology for Master Degree in Remote Sensing and Geographic Information System. In AIT, he had a thesis on "Resettlement approach based on physical properties of Mangrove forest: Nargis hit area, Myanmar".

Ms. Anggraini Dewi

Technical Specialist (GIS)

Dewi, with more than ten years of experiences in the field of Image Processing, Geographic Information Systems and Remote Sensing, joined ADPC in April 2010 as a GIS Technical Specialist. Holding BA in Remote Sensing/GIS and Cartography from Gadjah Mada University, Yogyakarta, Indonesia, she has been working extensively in a number of forestry, regional urban & rural development projects in Indonesia as a GIS Specialist, most of which were government projects in cooperation with International Donors, such as World Bank, Asian Development Bank, and AustraliaAID, as well as with INGOs, like Care International and Hivos Foundation. Dewi had completed her Master Degree in Geo-Information Science and Earth Observation with specialization Urban Planning and Management at International Institute for Geo-Information Science (ITC), The Netherlands in 2007.

Mr. Kittiphong Phongsapan

Research Coordinator (GIS)

Kittiphong,. In the area of urban disaster risk management (UDRM), he worked with the Metropolitan Waterworks Authority, Bangkok and provided cost-effective and high standard water supply services with modern technology. He conducted a research study using web sensors for clean urban environment in Thailand. Kittiphong supports all GIS and field survey activities in UDRM, particularly those associated with vulnerability and risk assessment.

Mr. Rendy Dwi Katiko

GIS/ Geologist Coordinator

Rendy is engineering geologist and GIS specialist, and joined ADPC in October 2009 as geologist and GIS coordinator. He works for several project namely NHRA (Ne-

pal Hazard and Risk Assessment), and Laos Hazard and Risk Assessment. He held graduate (master) degree from Bandung Institute of Tech (ITB, Indonesia). His experience ranged from government related project on engineering geology to advanced geological company (oil, gas, and coal industry) from 2004 to 2009. His main expertise is hazard related geology, and currently enrolled in legal college to pursue more understanding on legal related works in Indonesia with emphasis on natural resources and environment.

Mr. Khondoker Golam Tawhid

Regional and National Training Coordinator

Tawhid has more than 10 years of practical working experience in the field of physical urban planning, environmental management, urban governance and disaster management in different Asian and European countries. He holds MSc degree in Environmental Engineering and Sustainable Infrastructure (EESI) from Royal Institute of Technology (KTH), Stockholm, Sweden and Bachelor degree in Urban and Rural Planning from Khulna University, Bangladesh. He joined ADPC in October 2009 and currently working as Regional and National Training Coordinator. He also contributes to implement different projects of UDRM team. Prior to joining with ADPC, he actively involved with different private and donor agencies in preparation of Land Use Master Plan and Infrastructure Development Plan, conducting Environmental Impact Assessment (EIA) and preparation of Environmental Management Plan. As a research fellow in KTH, he carried out many research works in urban planning and environmental management field.

Ms. Suree Sungcharoen

Senior Program Administrative Coordinator

Suree is responsible for assisting the Team Leader and Program Managers in organizing and coordinating all related program activities for AUDMP project and UDRM team. Prior to joining AUDMP, she has worked as the Administrative Coordinator in Finance, Administration and Human Resources of ADPC and she was involved in the overall central administration of ADPC.

Mr. Susantha Jayasinghe

Project Coordinator/ Climate Data Analyst

Completing B.Sc. in Physical Science, Mr. Susantha worked at the Department of Meteorology, Sri Lanka as a Research Assistant, at the same time attending a graduate school in Geographical Information System (GIS) and Remote Sensing at the University of Peradeniya, Sri Lanka. With strong research interest in meteorology, he has done extensive work on handling climatological data, statistical analysis of observed meteorological modeling such as PRECIS, MM5, WRF, RegCM3 and so on. Joining ADPC in October 2010 as a Project Coordinator / Climate Data Analyst, Mr. Susantha will be responsible for collecting and analyzing climate information, translating and interpreting into a known language of the sector specific stakeholders, analyzing vulnerability and impacts in different sectors, generating and preparing advance warnings, and developing adaptation strategies and identification of risk management opportunities to address residual risk.

Bangladesh Office

Mr. Md. Nurul Alam

Structural Engineer and Project Coordinator

Nurul is currently working as a Structural Engineer & Field Coordinator in the Urban Disaster Risk Management (UDRM), Earthquake and Tsunami Preparedness Program in Dhaka, Chittagong and Sylhet City, Bangladesh within the Comprehensive Disaster Management Program (CDMP), Bangladesh. He provides structural engineering inputs to devise earthquake vulnerability assessment and Seismic Hazards in the region.

Mr. Khaled Mashfiq

Structural Engineer and Project Coordinator

Khaled works in the Earthquake and Tsunami Preparedness Program of Comprehensive Disaster Management Program in Bangladesh. His current responsibilities are supervision of earthquake vulnerability and hazard assessment, assist in model development for earthquake fragility curve development, data analysis, database management, supervision of school survey, workshop arrangement, and coordination with different government agencies.

Mr. Md. Rejaur Rahman

GIS Specialist/Urban Planner

Md. Rejaur Rahman is working as a Coordinator under the Urban Disaster Risk Management (UDRM) Team of ADPC in Bangladesh. Rahman has been working in the professional fields of Urban Planning as well. He is also a member of the Bangladesh Institute of Planners (BIP) and is an Executive Member of Khulna University Planners Alumni (KUPA). His fields of interest are in Spatial Planning, Disaster Management, Geo-spatial Analysis using GIS and Remote Sensing (RS).

Mr. Murad Billah

GIS Specialist/Urban Planner

Murad is working as a GIS Specialist/Urban Planner under the Urban Disaster Risk Management (UDRM) Division of ADPC in Bangladesh. He joined ADPC in September 2008 as a GIS Assistant for the Seismic Hazard and Vulnerability Mapping Project of the Comprehensive Disaster Management Program (CDMP) Bangladesh. He earned his bachelor degree in Urban and Rural Planning from Khulna University, Bangladesh. He is a member of Bangladesh Institute of Planners (BIP) and Member of the Executive Council of Khulna University Planners' Alumni (KUPA). He has more than 3 years working experience in Urban Planning & Development and GIS Application for Disaster Management. His fields of interest are Urban Planning and Development, Geo-Spatial Analysis using GIS and Remote Sensing (RS) and Disaster Management.

CLIMATE RISK MANAGEMENT

Mr. A.R. Subbiah

Director, Climate Risk Management

Subbiah is an expert in institutional analysis and development; impact, need, and capacity assessments; contingency and resource management planning; climate forecast applications in climate-sensitive sectors; and integration of climate forecast application in development processes. As Director, he provides strategic direction; technical guidance in program/project development, implementation, monitoring and evaluation; and overall team management. As Team Leader, Climate Forecast Applications, he guides the development of institutional mechanisms and capacities for the generation, interpretation, translation and communication of weather, climate and flood forecasts, with lead times of 5-10 days, 20-25 days, and 1 month and beyond, for local application by farmers and disaster managers for disaster mitigation. He also facilitates the regional cooperation on tsunami early warning and the development of the regional program on end-to-end multi-hazard early warning system in the Indian Ocean and Southeast Asia.

Mr. Ramraj Narasimhan

Senior Disaster Management Specialist

An architect-planner by profession, Ramraj joined the Climate Risk Management team of ADPC in May 2006 under the DANIDA project, Enhancing Community Resilience to Natural Disasters in Southeast Asia. Since 2003, he was with the United Nations Development Program (UNDP) in Sri Lanka on various disaster management programs. His extensive work experiences extended to projects and programs in disaster management with the UNDP and several NGOs in Orissa, India.

Ms. Warittha Wannathong

Project Coordinator

Warittha is experienced in coordinating with various people groups and in providing administrative support. She currently supports various projects in coordinating project activities to ensure high quality and timely delivery. She is also involved in providing training and workshop support, as well as coordination of the CRM team's information and communication program. Warittha previously served ADPC in human resource and administration. She holds a Bachelors Degree in Political Science, Public Administration from Thammasat University, Thailand.

PUBLIC HEALTH IN EMERGENCIES

Dr. Marilyn Dela Vega Go

PHE Team Leader

Dr. Marilyn dela Vega Go joined ADPC in June 2010 as the leader of Public Health in Emergency (PHE) team. Holding Doctoral Degree in Medical Science at Virgen Milagrosa University in Pangasinan, Philippines, she has extensive professional experiences in public health area with special focus on emergency settings. Prior to joining ADPC, Dr. Go served as a Chief of Emergency Preparedness Division at the Department of Health Central Office in Philippines where she played key roles, but not limited to, in developing policies, guidelines, procedures, and protocols relevant to health emergency management; supervising development of programs to support health emergency management (e.g. Program for Chemical Emergencies, Nutrition in Emergencies, Mental Health and Psycho-social Support Program, Water, Sanitation and Hygiene Program in Emergencies); providing technical assistance to partner agencies and conducting monitoring and evaluation of various health emergency management programs. Dr. Go also worked at Center for Health Development of Metro Manila and Dr. Jose Reyes Memorial Medical Center. Dr. Go is also the author or one of the co-authors of numerous publications including "Hospitals Should Be Safe From Disasters (2008)", "Pocket Emergency Tool by WHO (2007)", "Manual of Health Emergency Management Operations for Hospitals", "Responding to Health Emergencies and Disasters, The Philippine Experience (2005)", and "Development of a Health Sector Rehabilitation Plan for the Most Affected Municipalities of the Philippine Flood (2005)." Dr. Go studied Pediatrics at Dr. Jose Reyes Memorial Medical Center in Manila, Philippines and holds Master Degree in Hospital Administration at University of the Philippines.

Mr. Frederick John Abo

Senior Project Manager

John provides technical inputs in Health emergency risk management and emergency preparedness and response with specific interests, expertise and experience in; conducting training courses in mass casualty management, hospital and health facility preparedness, exercise management, incident management, emergency preparedness and response planning, emergency medical service system (EMS), medical first response/ first aid, search and rescue, health risk assessment, rapid health needs assessment, international disaster response systems, epidemic and pandemic preparedness and response and pre hospital emergency care in South and South East Asian countries.

Mr. Romulo Fernando F. Villavecier

Training Manager

Mr. Romulo joined ADPC in September 2009 as the new training manager for Program for Enhancement of Emergency Response (PEER). His responsibilities include: close coordination with different PEER stakeholders; develop courses/ programs suited for community-based response; and further include strategies of institutionalization of the program. He worked with PEER program since its in-

ception in 1999 and was successfully involved in running Medical First Responder and Collapsed Structure Search and Rescue courses as well as Instructors development programs within the 6 PEER member countries. Before joining PEER, Mr. Romulo was the City Fire Marshal of Silay City Fire Station, Philippines through which he was well exposed to numerous kinds of disaster response and developed his higher level of managerial skills on and off office. He is a certified Emergency Medical Technician graduated from University of the Philippines, Philippine General Hospital and has numerous responses in varying degrees from ordinary house calls to multi-casualty incidents. He is Registered nurse by profession and gained several years of working experience in medical field as ER, Medical-Surgical, Dialysis and ICU nurse.

Ms. Janette Lauza Ugsang

Project Manager

Janette specialized in Training and Project Management. She is currently in charge of the Public Health in Complex Emergencies Training Program (PHCE) and Public Health and Emergency Management in Asia and Pacific (PHE-MAP) training course at ADPC.

Mr. Sanjeeb K. Shakya

Project Coordinator

Sanjeeb joined ADPC in July 2005 as a Coordinator in the Office of the Executive Director. He holds a Masters Degree in Economics from University of Santo Tomas, Manila, Philippines. Before joining ADPC, Sanjeeb worked with EC-ASEAN COGEN Program in Asian Institute of Technology (AIT).

Ms. Esther Lake

Information & Network Coordinator

Esther Lake is working as an information focal point with the Program for Enhancement of Emergency Response (PEER), within the Public Health in Emergencies Team at ADPC. Esther began working in the development sector in Asia over ten years ago, volunteering for a grassroots development organization in India.

Ms. Sophie Chadwick

Health Project Development Officer

Sophie Chadwick has seven years experience working as a registered nurse in Australia in a variety of areas including cardiology, cardio-thoracics and heart and lung transplantation coordination. In 2009 she completed her Masters of International Public Health from the University of Sydney. Sophie will be working with the Public Health in Emergencies team.

Mr. Wichai Donnarn

Project Associate

Wichai is working for the Program for Enhancement of Emergency Response (PEER) as a Project Associate.

TRAINING SERVICE UNIT

Mr. Sisira Kumara

Senior Training Manager

Sisira's expertise lies in proposal formulation and development, monitoring and evaluation (ex-ante and ex-post), community-based Hazard Vulnerability and Capacity Assessment (HVCA), and project management. He is presently implementing various projects under Community-based Disaster Risk Management (CBDRM), Chemical Accidents Prevention and Preparedness and the Laos Australia NGO Cooperation Agreement (LANGOCA). Furthermore, he serves as a Community-based Disaster Risk Reduction (CBDRR) trainer, implementing projects and providing technical consultancies to agencies and NGOs in the region.

Ms. Benjaporn Sutthiprapa

Senior Training Coordinator

Ms. Benjaporn joined ADPC in 1994. She has a total of 15 years experience in financial and administrative. She worked in the training course team to serve all ADPC's international, regional and national courses logistically as well as technically. She has served as a lecturer for the 33rd Disaster Management Course and also has provided ADPC a wide range of experience in Community Based Disaster Risk Management. She has worked with local governments, NGOs in the Philippines, Banda Aceh, Indonesia and Lao in CBDRM and Disaster Management contexts. She has been working closely with the Department of Disaster Prevention and Mitigation in developing CBDRM Leaderships Networking. She has conducted the series of Crisis Management Course for Department of Disaster Prevention and Mitigation, Public Health Sectors, NGOs and all stakeholders in 6 Tsunami effected provinces in the South of Thailand. She has provided technical assistance as well as served as trainer to IUCN in Damage Assessment and Needs Analysis in Thailand and Lao. She has conducted CBDRM for staff and stakeholders of World Vision Thailand and the Thai Red Cross. She has developed the applicable training methods on CBDRM to be used with field officers and those at local community level. She has provided technical assistance as well as help implement CBDRM in Ranong, Thailand supported by USAID through the Asian Institute of Technology.

Ms. Mutarika Pruksapong

Training Coordinator

Mutarika joined ADPC in February 2010. Holding a Ph.D. in Organizational Development, she has a strong interest in the learning of individuals and organizations. Supported by many years of experience working with people from different culture and background, her main responsibility in ADPC is as a training coordinator for the training services unit

Mr. Apibarl Bunchongraksa

Administrative Associate

Apibarl Bunchongraksa joined Training Resource Group (TRG), ADPC as an Administrative Assistant in June 2008. Prior to Joining ADPC, he worked at admission office, Assumption Univeristy in Bangkok, Thailand. Apibarl has a bachelor degree in Philosophy and Religion from Saengtham College, Thailand



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