

Program for Hydro-Meteorological Disaster Mitigation in Secondary Cities in Asia (PROMISE)



Quarterly Progress and Performance Report 2nd Quarter 2009 (April to June)

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1. Project Description and Objectives

Background

Every year, cities throughout the world suffer human and economic losses as a result of natural hazards. In many Asian cities, these losses are compounded due to the high concentration of populations and economic assets within hazard-prone areas. Urban areas experience economic and social losses due to recurrent hydro-meteorological events are increasing every year in, which typically serve as the primary economic engine in most countries.

Major River basins such as the Ganges, Brahmaputra, Meghna, Indus, Mekong, and Red are prone to flooding almost every year. Island countries such as Sri Lanka, Indonesia and the Philippines have monsoon seasons, which create devastating flash floods in small catchment areas. Drought is a recurring phenomenon in most parts of India, Pakistan, Laos, Viet Nam, and Thailand. Cyclones threaten coastlines of countries located in the Bay of Bengal, Arabian Sea, China Sea, Gulf of Thailand, and the Pacific region, particularly Viet Nam, the Philippines, India and Bangladesh. Landslides are frequently triggered by heavy rainfall and frequent events during prolonged monsoon periods especially in the mountain areas of India, Indonesia, Bhutan, Nepal, Philippines and Sri Lanka. It is very evident that hydro-meteorological hazards and associated secondary events are common and frequent occurrences throughout Asia. Other problems associated with hydro-meteorological events such as water shortages, water contamination, and migration of populations to urban areas due to prolonged droughts also create severe social and economic problems in urban areas.

In an effort to better prepare communities throughout South and Southeast Asia to deal with and mitigate the effects of recurring natural hazards, ADPC, through funding support from USAID/OFDA, is implementing the Program for Hydro-Meteorological Disaster Mitigation for Secondary Cities in Asia (PROMISE). PROMISE aims to promote hydro-meteorological disaster preparedness and mitigation activities in selected highly vulnerable secondary cities in South and Southeast Asia.

Program Goal

Reduced vulnerability of urban communities through enhanced preparedness and mitigation of hydro-meteorological disasters in South and South East Asia.

Program Strategy

“Increased adoption of private and public sector mechanisms for community preparedness and mitigation of hydro-meteorological disaster risk in urban areas of South and South East Asia in order to measurably alleviate human suffering, prevent loss of life, and reduce the potential for physical and economic damage.”

Program Objectives

- Adoption of specific hydro-meteorological disaster preparedness and mitigation measures to manage hydro-meteorological disaster risk by stakeholders in targeted cities
- Increased stakeholder involvement and further enhancement of strategies, tools and methodologies related to community preparedness and mitigation of hydro-meteorological disasters in urban communities.
- Enhanced coordination with USAID Missions to promote sustainability and ensure program activities accord with USAID country and regional strategies.
- Strengthen networks and regional links among relevant risk management institutions/organizations for improving potential and capacity for application and dissemination of lessons learned.

Geographic areas of activity

In 2005, five highly vulnerable secondary cities in Asia have been selected as target cities for implementation of city demonstration activities under PROMISE. The selected cities include, Chittagong, Bangladesh, Hyderabad, Pakistan, Dagupan City, Philippines, Kalutara, Sri Lanka and Da Nang, Viet Nam. These five cities are all rapidly growing urban areas in the respective countries, which have been significantly impacted by hydro-meteorological disasters in the recent past. The projects in Bangladesh, Pakistan, and Vietnam were finished by June 2008. The projects in the Philippines and Sri Lanka were given supplementary activities, while a project in Indonesia began in February 2008.

2. Summary of Accomplishments during the Reporting Period

2.1. City Demonstration Projects

2.1.1. Indonesia

Project Title:	PROMISE – Indonesia
Selected City:	Jakarta
Lead Institution:	Bandung Institute of Technology, Institute for Research and Community Service

Overview: Jakarta Metropolitan City is the capital of the Republic Indonesia, and corresponds to DKI Jakarta Province. It is administered by a provincial government, five municipalities (Southern Jakarta, Eastern Jakarta, Central Jakarta, Western Jakarta, and Northern Jakarta) and the thousand islands Regency. The economic growth of DKI Jakarta in 2006 contributed more than 17% to the national GDP, and 60% of the nation's money circulation is in Jakarta. Manufacturing activities are mostly situated in the Northern and Eastern part of Jakarta, while business and office administration activities are mostly occurred in the Western, Central and Southern part of Jakarta. Established in the 4th century as Sunda Kelapa, it maintained its importance as a port and harbor since the 14th century, and attracted waves of migration to the settlement and its surroundings. The city began to expand further south as epidemics in 1835 and 1870 encouraged more people to move far south of the port. In mid 2006, the numbers of population in DKI Jakarta Province is 8.96 million, with approximately 2,041,466 households. The population density is between 13,000 to 15,000 people/km², reaching as high as 20,000 people/km² in some areas.

Modern-day Jakarta has 661.52 km² land area that stretches across alluvial lowland of a mean elevation is 7 m above mean sea level, and 40% of the land area is below MSL. It is very prone to any type of perennial and five-year inundation due to excessive rainfall and flash floods along the rivers systems that pass through the mainland. The water system of rivers, drains and canals exits in the northern coastal area that extends 35 km from West to East. Inundation are often aggravated by the onset of swell (a long wave influenced by storms during monsoon) that could reach up to 2 to 4 m, and by inundation due to the combination of sea level rise, land subsidence, and/or high tide during full moon (locally called rob) . The South and East consist of some lake and swamp land with a total area of 121.49 hectares in 2006, which are used as a water reserves region but also for new residential areas due to its fresher climate. Vulnerability comes from the settlement of some of the catchment areas, and from continuing land subsidence due to a decreasing water table.

The main activities planned are namely: Hazard mapping and vulnerability assessment, Mapping of flood preparedness and mitigation projects/programs undertaken by various organizations, Capacity-building of development agencies for enhanced CBDRR intervention, Emergency management & response planning at city level, Development of flood EWS at kelurahan level, End-to-end flood EWS drill, School community awareness and public education campaign, Education campaign material development, Capacity-building of emergency management and response at DKI level, Development of a city-level DRR management framework, Lesson Learned and Replication Workshop, Participation of Promise Indonesia in Disaster Reduction Week in Jakarta (exhibition and simulation).

2.1.1.1. Flood Early Warning System at Kelurahan Level

PROMISE ID continued preparations for a communication and information simulation, using the standard communication for warning dissemination set up by the Jakarta Crisis Center. Preparations also continued for setting the flood reference in the floodplain of Ciliwung River at Rukun Warga 1, 2, 4, 8, 9 and 10. Distribution of the last of the communication instruments for the center will be completed next quarter.

2.1.1.2. Emergency Management & Response Planning at City Level

PROMISE ID held a Roundtable Discussion the improvement of the role of Crisis Center DKI Jakarta in flood disaster management, as part of the establishment of the Local Disaster Management Agency for DKI Jakarta. The discussion was held on June 10 at the Tempo Doeloe Hall of JPG from 9 a.m. to 5 p.m. Participants came from the PROMISE team: Jakarta Provincial Government (JPG), South Jakarta Municipality, Tebet Sub-District, until Kelurahan, as well as national institutions such as BMKG and BNPB. During the event, participants discussed the role of Crisis Center DKI Jakarta in the flood disaster management were argued, the need for a Local Disaster Management Agency for DKI Jakarta, and the mainstreaming of disaster risk reduction in JPG's development program, and each JPG organization's capacity and programs for disaster management was identified before, during and post disaster. This event was opened and remarked by the Deputy of Governor for Spatial Plan and Environment. Some brief presentations were conducted during this activity by Dr. Harkunti P. Rahayu from PROMISE Indonesia, from Suhardjono of BMKG, and Siswanto from BNPB, to support the preparation of a flood disaster simulation exercise.

2.1.1.3. School Action Plan

During the period of June, the PROMISE ID team continued to work with SMAN 8 on the School Action Plan. This month, the school's stakeholders worked on finalizing the SOP of its school flood early warning system (FEWS). A simulation of the protocol communication was scheduled for July 1, but had to be postponed for the end of July due to many school activities scheduled for the end of the school year (May) and preparations for the intake of new students in June.

2.1.1.4. Lessons Learned and Replication Workshop, June 26

PROMISE ID held a Lessons Learned and Replication Workshop on June 26. The objectives of the workshop were: 1. to present the outcome of PROMISE Indonesia work during the last 16 months, as the project draws to a close by the end of July; 2. obtain feedback from the beneficiaries and implementers of the project activities; and 3. obtain the views of stakeholders on replication the mechanism and possible sites. Mr. NMSI Arambepola and Ms. Padma Karunaratne attended the workshop. Fifty participants came from several offices, representing project stakeholders and other potential focal points: Jakarta Provincial Government offices, national agencies, stakeholders from Kebon Baru and other Kelurahan in North, South and Central Jakarta municipalities, and international organization and local NGOs.

2.1.1.5. Facilitation of Interviews for the Mainstreaming DRR in Urban Governance Study

Dr. Harkunti Rahayu and her team from ITB facilitated getting interviews from the Jakarta Health and Fire departments as input for the mainstreaming DRR study that ADPC is developing under PROMISE. The interviews were conducted on May 27 and 28.

2.1.1.6. Monitoring visit by ADPC

Ms. Karunaratne made visits to the all the project kelurahan and the school on May 29. At that point, eight flood gauges were already installed in the communities, with some residents trained to monitor the flood level. Emergency supplies (such as helmets, life-saving jackets, boots, mass-cooking utensils, and ropes) were supplied for 6 selected stations. Display boards were erected and IEC posters were developed. School action planning was in progress.

2.1.2. Philippines

Project Title:	PROMISE – Philippines
Selected City:	Dagupan City
Lead Institution:	Center for Disaster Preparedness (CDP)

Overview: The selected city, Dagupan, has a land area of 4,008 hectares and functions as a sub-regional center for trade and commerce, finance, high-level health and education services in Northern Luzon. Flooding in Dagupan is a common problem and the situation is further aggravated by the onset of high tide. There are seven river systems that traverse Dagupan, all of which drain out to the Lingayen Gulf. Most of the rivers are at present heavily silted. The silt deposits are caused primarily by upstream riverbank erosion, and proliferation of squatters along riverbanks. The shallow river bottoms, resulting from sediment transportation and deposit on the riverbed, is the cause of heavy flood in the city in the past years. Typhoons also are experienced often and responsible for heavy rains in the upper catchments and subsequent flooding in the city.

The Center for Disaster Preparedness (CDP) is the lead partner in the project. It is one of the leading advocates of Community Based Disaster Risk Management (CBDRM) in the Philippines. Philippine Disaster Management Forum (PDMF), National Disaster Coordinating Council (NDCC) and National Economic Development Authority (NEDA) are assisting in implementation of the project.

PROMISE-RP would primarily focus on development of preparedness and mitigation plans using improved hazard data and information available at the municipality; Skill training for municipal planners, engineers, decision-makers as well as corporate sector planners that will be institutionalized; development of methodology for cost-benefit analysis of alternative mitigation strategies, especially land-use planning options; vulnerability assessment of existing facilities and barangays for identification and implementation of small-scale community based disaster risk management (CBDRM) projects; organization of functional Barangay disaster coordinating council; Pilot testing of community based flood forecasting and warning system in coordination with PAGASA; Development of a city level disaster management information system and training/capacity building programs, public awareness and advocacy campaigns.

2.1.2.1. Study visit by Bangladesh delegation, April 12 to 15

Nine high ranking officials of Bangladesh and one European based in Bangladesh went to the Philippines through the recommendation of ADPC for a four-day DRR study tour from April 12 to 15. The participants were given a tour of the new Emergency Operations Center, witnessed a surprise fire drill that the city government called to keep its response teams alert, visited Barangay Mangin to see 3D map showing the community's disaster risk and coping resources, and finally watched in Barangay Pogo Grande a water search-and-rescue drill by the community members, first responders and the Red Cross.

2.1.2.2. Typhoon Emong hits Pangasinan province

Typhoon Emong hit Northern Luzon on May 7, and while Dagupan was prepared and not hit badly by its effects, other towns in the province were hit badly. The City Disaster Coordinating Council therefore was deployed in an emergency mission to the municipality of Bolinao to assist in relief operations. PROMISE RP was preparing for a DRR Training event for teachers in the Dagupan City Division of the Department of Education, Culture and Sports (DECS), scheduled for the second week of May. However, the emergency response to Typhoon Emong and H1N1 preparedness activities prompted the rescheduling of the event to June.

2.1.2.3. DRR workshop for the primary and secondary teachers in Dagupan City

The DRR training for public school teachers originally planned for May was rescheduled to July 23 to make it part of the activities commemorating Disaster Preparedness Month in July. The rescheduling was

at the request of the training partners, the Region 1 Division of the Department of Education, Culture and Sports (DECS) and the Region 1 Disaster Coordinating Council (RDCC 1).

2.1.2.1. Preparations for Disaster Preparedness Day Activities for Dagupan

PROMISE RP is actively involved in the city's preparations for the city's Disaster Preparedness Day of July 16. Activities include DRR poster making, and organizing a city-wide fire and earthquake disaster preparedness drill. Participants in the drill have been extended from the local authority and civic organizations to include all hotels and banks. The main organizer of the drill is the Region 1 office of the Office of Civil Defense/RDCC 1.

2.1.2.2. Preparations for Disaster Preparedness Month Activities for Region 1

The PROMISE RP team met with RDCC 1 Director Eugene Cabrera and Ms. Imelda Acosta of the Region 1 Division of the Office of Civil Defense (OCD) to discuss organizing an event on July 28 on Sustainable DRR and Climate Change Adaptation for provinces in Region 1.

2.1.2.1. H1N1 Preparedness in Dagupan

During the last two weeks of May, the City prioritized in the preparation for the spread of H1N1, since the Philippines had people infected with the virus. Mayor Fernandez issued "Executive Order 14 creating a multi-agency task force to oversee the city's preparations for a possible spread of the dreaded AH1N1 influenza, popularly known as swine flu" (Dagupan City Website by Ryan Ravanzo). The task force was headed by Dr. Leo Carbonell, a member of the TWG.

2.1.2.2. Meeting with Mr. Arambepola

Ms. Luneta met Mr. Arambepola during the period June 15 to 16 while he was on mission for a different project under the Comprehensive Disaster Mitigation Programme of the Government of Bangladesh. They had discussions on the progress of PROMISE and plan for the activities of the next phase. CDP facilitated Mr. Arambepola's missions by setting up meetings with the city governments of Makati and Marikina.

2.1.3. Sri Lanka

Project Title: PROMISE-Sri Lanka

Site(s): Kalutara

Lead Institution(s): Lanka Jathika Sarvodaya Sangamaya and National Building Research Organisation

Overview: The selected city under this program is Kalutara, a medium size urban coastal city in Sri Lanka. As the district capital and has shown a tremendous growth and development potential as a rapidly developing satellite town due to its proximity to the capital city, tourism and other export oriented industries as well as being the site for the proposed second international airport of the island. The city is prone to frequent events of riverine floods, annual flash floods (most recent was in May 2003), droughts and rain-induced landslides. The coastline of Kalutara was heavily impacted by the recent tsunami of December 2004.

The lead institute for the initial phase of the project, Lanka Jathika Sarvodaya Shramadana Sangamaya, is the largest National NGO network in Sri Lanka. Disciplines of disaster management, environment and ecology have been a core area of operations of Sarvodaya since its inception. The associated partners for implementation of PROMISE in Sri Lanka will be Urban Council, Kalutara; Department of Meteorology; National Building Research Organization (NBRO); Sri Lanka Institute of Local governance; Waste Management Authority, Western Province and Water Resources Board.

The lead institute for the supplementary activities is NBRO, an integrated multidisciplinary institution carrying out research & development work in the diverse areas of geotechnical engineering, building materials, environmental, project management, human settlements planning and landslide disaster mitigation. NBRO also provides technical services for the construction industry in the above fields.

PROMISE-Sri Lanka would mainly focus on activities such as hazard mapping and vulnerability and capacity assessment for basic infrastructure, critical facilities, and communities living in hazard prone areas; Preparedness and mitigation action planning workshops at city level; Development of small scale community level projects for enhanced preparedness and mitigation of impact of hydro-meteorological events; Facilitation of micro-credit schemes as part of pre-disaster relief package to promote proper construction and improve resistance of houses to disasters; Training and capacity building for risk based urban land use planning, damage and loss estimation and damage and loss estimation; public awareness campaigns etc. are some of the main activities that would be implemented.

2.1.3.1. Setting-up the emergency response system

PROMISE SL team developed the risk map needed for the emergency response plan. The team held discussions with the DG of NBRO, and prepared a structure for data collection that was subsequently sent to the Kalutara UC Chairman and DMC Kalutara Coordinator for them to provide necessary information. The risk map was completed, discussed with stakeholders and finalized. The map will be displayed at the Mayor's office, DMC Kalutara building, the Kalutara District Administration building (Kachcheri), police station, Urban Development Authority office, the railway station, and at bus stands. The Emergency Response Plan is currently in progress.

2.1.3.2. Training and capacity building

PROMISE SL has developed the draft curriculum for the training program for the health sector. The team held a health and sanitation workshop for civic organizations of Kalutara on June 22. Next, the team began preparations for workshops for health and sanitation sector officials of the National Institute of Health (NIH) for July 13 and 20.

2.1.3.3. Preparation of niche of drainage projects for Kalutara UC area.

The estimate of the costs of the projects has been prepared and submitted to the Mayor of Kalutara UC. Construction commenced by the end of June.

2.1.3.4. Resource center for DRR activities in Kalutara ULA

The Kalutara Town Hall was selected as the site for the resource center. The PROMISE SL team is presently preparing the design, as well as the cost estimate for the centre and its equipment.

2.1.3.5. School sector disaster management cells for selected schools.

PROMISE SL team distributed rain gauges to five schools under the school safety program, and provided training for selected school children and school officials on monitoring rain levels using the equipment.

2.2. Regional and National Capacity Building

For this quarter, capacity building activities were implemented through the country partner projects:

- PROMISE ID. PROMISE ID held the Lessons Learned and Replication Workshop on June 26.
- PROMISE RP. PROMISE RP is preparing for the DRR workshop for the primary and secondary teachers in Dagupan City, scheduled for July as part of the Disaster Preparedness Month
- PROMISE SL. PROMISE SL had health and sanitation workshop for civic organizations of Kalutara, and is preparing for workshops for health and sanitation sector officials of the National Institute of Health, scheduled for July.

2.3. Advocacy for Mainstreaming Disaster Risk Management in Local Governance

2.3.1. Study on mainstreaming DRR into Jakarta's local governance processes

APDC is conducting a study of how DRR is mainstreamed DRR into Jakarta's local governance processes. During this quarter, Ms. Iglesias went to Jakarta in April and May to gather data from the provincial government and conduct interviews with its officials. (For details, please see 2.4.4 and 2.4.6).

2.4. Regional Networking and Information Dissemination

2.4.1. Safer Cities Case Studies

The draft of the next Safer Cities case study, Number 26 on landslide disaster mitigation in Baguio City (Philippines), and Patong City (Thailand), was developed. An additional case on Sri Lanka is currently being written. It will be published next quarter.

2.4.2. Monthly Electronic Newsletter

“Disaster Mitigation in Asia” is the monthly electronic newsletter maintained by PROMISE. For this quarter, issues 67 to 69 for April to June 2009 were published both as email and online. The newsletter was sent to more than 2,000 subscribers. This electronic newspaper was sent through adpcannounce@adpc.net, and is posted at <http://www.adpc.net/v2007/Programs/UDRM/PROMISE/INFORMATION%20RESOURCES/ Monthly-Enew/Monthly-Enews.asp>.

2.4.3. Updating of the Website

The following documents have been updated to the PROMISE web site:

- Monthly reports from the city demonstration projects for the quarter
- Monthly e-newsletter *Disaster Mitigation in Asia*
- Partners’ IEC Materials:

The materials with their links are:

PROMISE Indonesia

- Flood preparedness posters (Bahasa Indonesia), 2009
http://www.adpc.net/v2007/Programs/UDRM/PROMISE/PROGRAM%20COMPONENTS/Component1/IECMaterials/floodposters_Jakarta.pdf
- Integrated Flood Early Warning System video-documentary (Bahasa Indonesia), 2009
<http://www.youtube.com/watch?v=NmJO8fhaXY8>

PROMISE Viet Nam

- Guidelines for Flood- and Typhoon-Resilient Techniques for House Construction, 2008 (Vietnamese)
http://www.adpc.net/v2007/Programs/UDRM/PROMISE/PROGRAM%20COMPONENTS/Component1/IECMaterials/Guidelines_VN.pdf

2.4.4. Mission to Jakarta, April 27 to 30

Ms. Gabrielle Iglesias went to Jakarta to collect background data and conduct interviews on DRR efforts of Jakarta for mainstreaming study, as well as develop contacts who can give input into the study. Those interviewed were:

- Mr. David Hollister, Disaster Risk Reduction Advisor, Crisis Prevention and Recovery Unit, USAID Indonesia, to get input on the feasibility of ADPC organizing a workshop on mainstreaming DRR for Jakarta Provincial Government;
- Ms. Indah Wibih Wastiti, Asosiasi Pemerintahan Kota Seluruh Indonesia (APEKSI) [Association of Indonesia Municipalities] to obtain input on DRR challenges of Indonesian municipalities, as well as to explore potential participation in PROMISE’s networking activities for the extension period 2009 to 2010;

- Mr. Faisal Djalal, Masyarakat Penanggulangan Bencana Indonesia (MPBI) [Indonesia Society for Disaster Management] to get input on civil society's perspectives on Jakarta's disaster mitigation efforts; and
- PROMISE ID project coordinator Prof. Harkunti Rahayu, Bandung Institute of Technology, to get her input on mainstreaming efforts by Jakarta.

The mission was also a monitoring mission. Discussions were made with Prof. Harkunti to get a status report on the country project, plan for upcoming networking events, and obtain monitoring reports (June 2008 to March 2009). An appointment was also made with Mr. Yusak Oppusunggu, Program Specialist, USAID Indonesia, to give the USAID country program an update on the status of PROMISE ID.

2.4.5. Mission to Sri Lanka, May 2 to 7

Ms. Karunaratne and Mr. Amit Kumar went to Central province, Sri Lanka to serve as resource persons during a training course cum workshop on Integrating DRR into Local Governance. Participants were officials of selected Divisional Secretary's offices (Hangranketha, Walapane, Ambagamuwa, and Nuwaraeliya) in the Central Province, where landslides and floods are recurring disasters. At the end of the three-day action planning workshop, the divisional secretary officials were able to outline their respective disaster management plans. It is expected that the participants will, in turn, support the development of DM plans at grassroots level.

From May 5 to 7 Ms. Karunaratne was in Kalutara for site visits and monitoring meetings with the Mayor of Kalutara UC and the NBRO.

2.4.6. Mission to Indonesia, May 25 to 31

Ms. Karunaratne and Ms. Iglesias went to Jakarta to conduct interviews on DRR efforts of Jakarta for the mainstreaming study with Fire Department and Health Department of Jakarta Provincial Government, two key departments involved in emergency response and has impact on disaster risk reduction.

Meetings were also held with Indonesia-based organizations to explore potential participation in PROMISE's networking activities for the extension period 2009 to 2010: Mr. Budi Chairuddin APEKSI, Mr. Steve Gawler, Country Representative of Local Governments for Sustainability (ICLEI), and Mr. Sean Granville-Ross, Country Representative of Mercy Corps Indonesia.

Ms. Karunaratne also visited all the project kelurahan and the SMAN 8 school, and proceeded to ITB in Bandung for a progress review with Prof. Harkunti.

2.4.7. Mission to Geneva, June 14 to 20

Ms. Karunaratne and Mr. Kumar attended the Global Platform for Disaster Risk Reduction organized by the UNISDR from June 16 to 19. They presented the PROMISE experience in the side events organized by ADPC.

2.4.8. Mission to Jakarta, June 25 to 27

Mr. Arambepola and Ms. Karunaratne went to Jakarta to attend the Lessons Learned and Replication Workshop. They witnessed the outcome of PROMISE ID work during the last 16 months as the project is coming to the end by the end of July, and to obtain feedback on the project from the beneficiaries, implementers and stakeholders of project activities, and identify possible replication sites and replication mechanism.

2.4.9. Networking Activities

During the last quarter, ADPC and the country partners participated in several activities in the region and used the opportunity to promote PROMISE and its objectives.

2.4.9.1. Training cum Workshop on in Sri Lanka

A three-day training program for government technical staff in the central province of SL was conducted on May 3 to 5. Participants came from senior government officials in divisional secretaries offices of Sri Lanka. The three-day course from May 3 to 5 featured case studies based on disaster mitigation of landslides and floods. The objective was to create awareness among stakeholders about integrating DRR in local governance, and the development of a strategy and project for disaster risk mitigation at local level of Nuwaraeliya. The course was co-organized by ADPC through PROMISE and the Asia Foundation.

2.4.9.2. Bangladesh study visit to Dagupan and Bangkok

ADPC and CDP jointly organized a study visit for Bangladesh officials to see examples of good practices in disaster mitigation by local authorities. The study visit was from April 12 to 15 (see 2.1.2.1).

2.4.9.3. Global Platform for Disaster Risk Reduction in Geneva

ADPC co-organized three side events: 1) Disaster Risk Reduction in Education Sector; 2) How to mainstream DRR into development: experiences from governments in RCC member countries; and 3) Building Urban Community's resilience to reduce disaster risks: Challenges and Experience. The PROMISE experience was presented in these events. ADPC decided to take a key role in next year's event on Urban Risk Reduction.

2.4.9.4. Networking Events in the Philippines

Mangin Early Warning Presentation

On April 2, Ms. Mayfourth Luneta presented the PROMISE RP experience in early warning at a Training of Trainers (ToT) on child-centered CBDRR run by Plan Philippines. Ms. Luneta and Ms. Maria Cagay (Managing Director of CDP) were the facilitators of the said training. The training took place from March 31 to April 2 with about 60 participants from the local government and education sectors. Part of the training was the film showing of the Oxfam CBDRM Good Practices "Strength in Numbers" from the YouTube site created by ADPC. The documentary highlights the development of the Early Warning System of Barangay Mangin. The participants appreciated the sharing of the experiences, and even made a covenant of partnership for DRR in Aklan province.

ADRA and World Vision Simulation Exercise

Ms. Luneta presented the participatory risk assessment exercises on April 16 at a disaster response training simulation conducted by ADRA and World Vision. The participants were regional staff of both ADRA and World Vision from different countries. Ms. Luneta emphasized the importance of having a community risk assessment before a disaster to have a baseline data for disaster risk reduction plans and for emergency preparedness plans, and highlighted the Dagupan PROMISE experience.

Hyogo Framework for Action Monitoring

Global Network of Civil Society Organisations for Disaster Reduction, through the Asian Disaster Response Network, sponsored a Validation Workshop on HFA Monitoring last April 29 in the Sulo Hotel, Quezon City. The workshop validated the survey results on monitoring the services and activities done by different organizations in relation to achieving the HFA, and was attended by representatives of different civil society organizations, local authorities, and people's organizations from all over the

Philippines. CDP was assigned as the National Coordinating Organization while Dagupan City participated in the survey.

Climate Change Issues and Agenda Sharing for the Kilusang Mangingisda

On May 21, Ms. Luneta went to Barangay Punta, Unisa Municipality, Quezon Province, to share about the Climate Change Issues and Agenda in the Philippines to the Kilusang Mangingisda (Fisher folk Movement in the Philippines). KM had their national assembly and advocates on climate change issues. Ms. Luneta shared the experience of Dagupan in climate change adaptation, mitigation, DRR, and zoning of the waters.

Child-centered DRR training workshops by Kalibo Municipality

The PROMISE team presented the PROMISE experience at two Kalibo Municipality Child-centered DRR training workshops, from June 8 to 9 and June 10 to 11. Participants came from different stakeholders including the Disaster Coordinating Councils, schools teachers and students, and barangay officials. The first batch had around 100 participants while the second batch had around 130 participants.

Central Luzon Conference of Adventist Churches

On June 14, Ms. Mayfourth Luneta presented the PROMISE RP experience at the Central Luzon Conference of Adventist Churches.

World Bank Video-Conference Training on CBDRM

Ms. Lorna Victoria and Ms. Emma Molina presented the PROMISE experience with CBDRM at the World Bank video conference training on June 26.

3. Planned vs. Actual Achievements

3.1. City Demonstration Projects

3.1.1. Indonesia

The activities planned for the quarter were accomplished:

- Roundtable discussion with stakeholders of the Emergency Management & Response Planning at City Level
- Lessons Learned and Replication Workshop
- Setting up of the SMAN 8 flood emergency response system; finalization of SOP and communication simulation will be finished next quarter
- Preparation of education campaign materials

3.1.2. Philippines

The activities planned for the quarter were accomplished:

- Preparations for Disaster Preparedness Month of July
- Preparations for DRR workshop for primary and secondary school teachers

3.1.3. Sri Lanka

The following activities planned for the quarter were accomplished:

- Development of cost estimates of niche of drainage projects
- Distribution of rain gauges and training of school officials and children on monitoring rainfall in selected schools

3.2. Regional and National Capacity Building

At the level of the country projects, the following have been carried out:

- PROMISE ID: Lessons Learned and Replication Workshop
- PROMISE SL: Health and sanitation workshop for civic organizations of Kalutara

3.3. Advocacy for Mainstreaming Risk Management in Urban Governance

- Data gathering for mainstreaming study of Jakarta.

3.4. Regional Networking and Information Dissemination

- The work is progressing as planned. The PROMISE website maintained by ADPC is updated.
- The newsletter has ended the natural hazards information resource series, and started a new information resource series, “This month in disaster history.”
- The initial text for Safer Cities 26 was completed this quarter covering two demonstration projects, but it was decided that additional text covering a third demonstration project in Sri Lanka was needed. It should be published by next quarter.

4. Problems Encountered, New Opportunities and Lessons Learned

4.1. New Opportunities

The following are the new opportunities that developed in this quarter:

- ADPC was invited to participate in several international fora and the PROMISE experience will be presented in the following events:
 - Expert Group Meeting on Innovative Strategies towards Flood Resilient Cities in Asia-Pacific in July; Dr. Bhichit Rattakul, APDC Executive Director, Mr. Arambepola and Ms. Iglesias are invited as experts, and Mr. Arambepola and Ms. Iglesias will be presenting the PROMISE experience in promoting urban community resilience to floods

- International conference on 'Building a local government alliance for disaster risk reduction' in Incheon, Korea in August 11 to 13; Mr. Aloysius Rego, ADPC Deputy Executive Director, will be presenting on ICT for DRR and will cite the PROMISE experience in this
- World City Water Forum in Incheon, Korea in August 18 to 21; Mr. Arambepola will be presenting a paper on the tools and methodologies developed within PROMISE
- Asia-Pacific Housing Forum, organized by Habitat for Humanity International and the International Federation of Red Cross/Red Crescent Societies in September; Mr. Arambepola and Ms. Iglesias will be presenting papers on urban strategies and safe housing, citing the PROMISE experience, AUDMP experience (Asian Urban Disaster Mitigation Program funded by USAID/OFDA that ran from 1995 to 2005) and other work by ADPC in this sector
- Integrated Workshop Building Sustainability and Resilience in High Risk Areas in September; Ms. Iglesias is invited as an expert to speak on Local Governance and Early Warning Systems, and will present the work under PROMISE

4.2. Lessons Learned

The following are lessons learned by the partners:

- PROMISE SL – There was slow progress on the decision on the drains to be improved as the total allocation is less than that required for the entire improvements to the drain. The Kalutara Urban Council needs to get the approval of the council to spend from council funds to complete the required amount. Council meets once a month and this is a long administration procedure. In addition, the selected area for the Resource Center at the Town Hall building has to be changed due to planned building renovations. The site for the resource center is moved to the library area.

5. Activities for the Next Quarter

5.1. City Demonstration Projects

5.1.1. New Country Demonstration Projects

The PROMISE experience is ending its first phase. A new phase will begin by September 2009 with activities for developing three new city demonstration projects, five national workshops, two to three regional workshops, and studies on mainstreaming disaster risk reduction. New country demonstration projects will start for Bangladesh, the Philippines and Sri Lanka.

5.1.2. Indonesia

The main activities for the next quarter are:

- Complete SMAN 8 school activities
- Finalize E book, and leaflets printing
- Handing over EWS and systems to the communities and Jakarta provincial government.

5.1.3. Philippines

The main activities for the next quarter are:

- Complete school awareness programs
- Conduct final workshop for networking with neighboring provinces of Ilocos Norte and Ilocos Sur.

5.1.4. Sri Lanka

The main activities for the next quarter are:

- Complete all health sector training programs
- Complete construction of two drains
- Complete resource center
- Complete DM plan for Kalutara
- Establish information boards showing hazard maps at strategic places

5.2. Regional and National Capacity Building

5.2.1. New staff

Ms. Watsala Jayamanna will replace Mr. Amit Kumar as training coordinator for PROMISE regional program.

5.2.2. Regional Capacity Building

ADPC will offer the regional course on Mainstreaming DRR in Local Governance in January. The course had to be cancelled this quarter due to advisories against travel during the H1N1 pandemic spread (and subsequent dropout of participants).

5.3. Advocacy for Mainstreaming Risk Management in Urban Governance

The outputs for next quarter are:

- Mainstreaming DRR strategy for Jakarta.
- Workshop with Jakarta's stakeholders on the mainstreaming DRR strategy.

5.4. Regional Networking and Information Dissemination

- Publication of Safer Cities 26 on landslide mitigation by August 2009
- Development of draft of Safer Cities case study on PROMISE-ID