

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



**Quarterly Progress and Performance Report
3rd Quarter 2008 (July to September)**

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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 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

Six 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, Da Nang, Viet Nam and

Jakarta, Indonesia. These six cities are all rapidly growing urban areas in the respective countries, which have been significantly impacted by hydro-meteorological disasters in the recent past.

1. Summary of Accomplishments during the Reporting Period

1.1. City Demonstration Projects

1.1.1. Bangladesh

Project Title:	PROMISE - Bangladesh
Selected City:	Chittagong
Lead Institution:	Bangladesh Disaster Preparedness Center (BDPC)

Overview: The goal of PROMISE-Bangladesh is to reduce vulnerability of urban communities through enhanced preparedness and mitigation of hydro-meteorological disasters in urban areas of Bangladesh. The selected city is Chittagong, which is located in the southeast part of Bangladesh and has a high annual growth rate. As a port city, Chittagong has traditionally been a major centre for trade and commerce. The economic base in Chittagong is wider than that of Dhaka and has considerable scope for expansion if appropriate measures are taken.

The coastal areas of Chittagong are highly prone to natural disasters such as cyclone and tidal surge. On the other hand, floods caused by heavy rainfall, tornado, and even water logging are common disasters in the valleys and hilly areas within city administration. These affect the livelihoods of people, especially that of the poor and the vulnerable. The lead partner for this project is BDPC whereas the associate partners are CARE-Bangladesh and Government of Bangladesh through Comprehensive Disaster Management Project (CDMP) and Disaster Management Bureau (DMB) and also the Chittagong Municipality.

The main activities planned under PROMISE-Bangladesh are hazard mapping and vulnerability 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; Establishment of community based end-to-end early warning mechanisms, Emergency Operations Centers (EOCs) and development of neighborhood networks of community-based organizations to support the functioning of EOCs; training and capacity building for risk-based urban land-use planning and institutionalization of regional course on urban governance and risk management, as well as on hydro-meteorological risk management and community preparedness at the city level.

1.1.1.1. Standard Operating Procedures for EOC

PROMISE-BD is helped Chittagong City Corporation (CCC) develop standard operating procedure (SOP) for its emergency control room. The SOPs were turned over to CCC in August.

1.1.1.2. Guideline for Land Use Planning and Construction Regulation

PROMISE-BD team has developed a guideline for land use planning and construction regulation, and it was also turned over to the CCC and the Chittagong Development Authority in August.

1.1.1.3. 2008 Working Group Meeting (WGM-2)

PROMISE-BD team attended the WGM-2. - Bangladesh delegation made the following presentations:

- Access to DRR through School Safety Program - *Ms. D. Haider (Senior Manger, BDPC)* -
- Community Level DRM Committees - *Mr. M. Chaki (Program Manger, BDPC)*
- Setting up Urban Search and Rescue Teams at Community Level - *Mr. M. Chaki*

- Community Ownership for Small Scale Demonstration Projects - *Mr. Harun Ur Rashid (Program Officer, BDPC)*-
- DRR through Effective CBDRM - *Ms. D. Haider*

1.1.1.4. Small-Scale Disaster Mitigation Projects

The implementation activities of the community mitigation project were completed in this quarter:

- Ward 2 Jalalabad, Kulagon– Improvements to drainage system. The construction started in February and completed.
- Ward 16 Chawk Bazaar, – Toilet block and water supply facilities through tube well. The construction started in March and completed.
- Ward 37 North Middle Haliashahar,– Water and sanitations facilities to Munishpara high school which is used as a temporary shelter. The construction started in February and completed.
- Ward 40 North Potenga, Hadipara– Silt removing of canal and improvements to drainage system by raising the sidewalls. The activity was started in February and completed.
- South Potenga, Ward 41, Dakhinpara – Installation of pond filter to generate drinking water as the available ground is with high salinity. Work completed.

1.1.1.5. USAID Visit to PROMISE-BD

Mr. LeGrand L. Malany, Acting Regional Advisor for Asia-Pacific of the Office of U.S Foreign Disaster Assistance (OFDA) in Bangkok, and Mr. Md. Sayeed Shibly of USAID-Bangladesh, visited the PROMISE-BD sites on August 18. The purpose of the visit was to inspect the overall situation and accomplishments of the PROMISE project. They visited three of the small-scale disaster mitigation projects in wards 16, 37 and 41, and had a discussion with Change Agents/Volunteers and community.

1.1.1.6. End of Country Project

PROMISE-BD country project activities are finished as of August 15; the remaining task is the submission of the final report.

1.1.2. 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, 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).

1.1.2.1. Hazard, Vulnerability and Risk Assessment

PROMISE-Indonesia held a focus group discussion on June 25 with stakeholders to validate the results of the risk assessment for the Tebet sub-district. On July 11, they met the TWG of Jakarta Provincial Govt. to present the risk map, plan the CBDRR interventions at grassroots level, to begin preparations for the Town Watching methodology (a variation of the participatory risk assessment that has been used for urban areas), and begin developing the emergency response plan for the Jakarta EOC. Dr. Harkunti later attended the WGM-2 in behalf of PROMISE-ID.

PROMISE-Indonesia held a Town Watching workshop (a variation of the participatory risk assessment that has been used for urban areas). The town watching was held on August 16, with the objective to develop community risk maps and action plans. Participants came from the project kelurahan in Jakarta. Representatives from the Jakarta Provincial Government and USAID Indonesia attended the event. The event was organized by JPG and ITB.

1.1.2.2. 2008 Working Group Meeting (WGM-2)

Dr. Harkunti P Rahayu, Project Manger (PROMISE) attended the WGM-2 for the PROMISE-ID team.

1.1.3. Pakistan

Project Title:	PROMISE – Pakistan
Selected City:	Hyderabad
Lead Institution:	Aga Khan Planning and Building Services Pakistan (AKPBSP)

Overview: The selected city for PROMISE-Pakistan is Hyderabad, which is the 8th largest in Pakistan. Its population is estimated to be around 1.3 million. It is the regional headquarter of the district of Hyderabad and is the meeting point of two of Pakistan's largest highways, the Indus Highway and the National Highway. This city is vulnerable to floods, drought, extreme temperatures, heat waves and windstorms. The local partner, Aga Khan Planning and Building Services (AKPBSP) was established in 1980 as a part of Aga Khan Developmental Network in Pakistan with disaster mitigation and management as one of its key program initiatives. The project aims to focus the activities of the project in flood prone low-laying area of Hyderabad city. Hyderabad is secondary city often impacted due to drainage problems. It is located on the banks of Indus River and has a high

water table in around 20-30% of the city area. During monsoon flood has become a recurrent problem due to difficulties in discharge of water using available pumping systems.

The main activities planned are namely: Hazard mapping and vulnerability 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; training and capacity building for risk-based urban land-use planning and institutionalization of regional course on urban governance and risk management as well as on hydro-meteorological risk management and community preparedness at the city level.

1.1.3.1. 2008 Working Group Meeting (WGM-2)

PROMISE-PK team attended the WGM-2. The Pakistani delegation made the following presentations:

- Practices for Mainstreaming DRR - *Mr. Faizal Khan (National Program Manager, AKPBS, PK)*
- Resource Sharing and PPP - *Mr. Faizal Khan -*
- Planning & Implementation Process for DRR - *Ms. Rana Ansar (Member, Zila Council, Hyderabad)*
- Governance – An Effective Tool for DRR - *Ms. Rana Ansar*

1.1.3.2. Small-Scale Disaster Mitigation Projects

PROMISE-PK has the following SSDMP:

- Ghera Sudhar Community UC # 13 – Reducing physical vulnerability through improvements to infrastructure. - Involves earth filling, installing community latrines. The work started in January and was completed in May. Six communal latrines and washrooms were constructed, and storm water drainage pipelines were laid.
- Aliabad - Street Raising and Improving Drainage Lines, – involves earth filling, installing covered drains, and mobilizing communities for maintenance. Work started in March and is now completed
- Latifabad UC # 2 – (Baban Shah) Installation and Rehabilitation of Drainage Line, – involves earth filling, installing covered drains, installing communal latrines, and health and hygiene education. Work is started in March and is now completed.
- Takur Colony –Reducing Vulnerability through Flood Mitigation, involves earth filling, installing covered drains, installing communal latrines, health and hygiene education. Work has started in March and is now completed.
- Maheshwari Colony - Mitigating flood through improved drainage 850 feet of open drainage line, and rehabilitation of four communal latrines. Work has started in March and is completed.

PROMISE-Pakistan completed all the small-scale disaster mitigation projects.

1.1.3.3. End of Country Project

PROMISE-PK country project activities are finished as of July 31; the remaining task is the submission of the final report. Mrs. Padma Karunaratne, PROMISE Program Manager, Ms. Hla Hla, Finance Controller and Mr. Zay Yar Min, Finance Assistant visited Pakistan on 14 to 18 of September for final evaluation.

1.1.4. 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 of 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.

1.1.4.1. 2008 Working Group Meeting (WGM-2)

PROMISE-RP team attended the WGM-2. The Philippine delegation made the following presentations:

- Mainstreaming DRR - *Mayor Alipio F. Fernandez., Jr*
- Transfer of Technology for EWS - *Barangay Captain Bernard Cabison of Mangin*
- Governance and Small Scale Mitigation Projects- *Ms. Emma J. Molina (Agriculturist, Dagupan)*
- Planning and Implementation of Emergency Plan of the City and the community- *Dr. Leonard Carbonell (Dagupan City Council)*
- Networking and Partnerships - *Mr. Robert Erfe Mejia -*
- Planning and Implementation of the Project PROMISE with CBDRR as the framework -*Ms. Mayfourth Luneta (Project Coordinator – PROMISE) -*

1.1.4.2. PROMISE-Philippines Assessment, July 2 and 3

PROMISE–Philippines had a project assessment on July 2 and 3 at the PTA Beach Resort in San Fabian, Pangasinan. The objectives of the assessment were to see what went well and what needs to be improved in the PROMISE Project and the ways forward for the sustainability of the DRR in Dagupan City and beyond. The assessment was attended by the captains for the eight project barangays, City Administrator Alvin Fernandez and members of the TWG, and CDP staff. Ms.

Mariser Palencia, the consultant for the flood simulation exercise done in 2007, facilitated the assessment. The outcome of the assessment will be included in the terminal report.

1.1.4.3. Extension of PROMISE-Philippines

On July 29, 2008 the CDP and the TWG had a meeting regarding the extension of the project. The City of Dagupan took on the initiative of funding the training for the 23 barangays which will be done in the extension phase; CDP on the other hand will give technical advice for the TWG in doing the training and will help in providing IEC materials from PAGASA and PhiVOLCS. Proposed activities for the extension include: conducting a refresher course on CBDM for trainers; developing a local CBDM module for Pangasinan; establishment of the EOC; and advanced training for rescue teams.

PROMISE-Philippines was given an extension on its project for another six months (until December 2008). It will have the following activities:

- Advanced Training of Trainers for TWG in DRR to develop capacities and a simple module/s for barangays
- Workshop for Education Sector in Dagupan to institutionalize the DRR in Schools
- Action planning workshop in DRR and climate change with Northern Luzon DRR Network.

1.1.4.4. CBDRM Training

The PROMISE-Philippines team postponed to next month the refresher course for trainers on CBDRM, as well as the CBDRM training for the 23 barangays of Dagupan that were not under PROMISE-RP. The postponement was decided because of continuous rain and a probable emergency situation due to an imminent release of water from San Roque Dam. Meanwhile, reading resources and IEC materials had been gathered for the training.

1.1.4.5. Regional Course on Mainstreaming Disaster Risk Reduction and Governance (MDRRG-3)

CDP assisted ADPC in the preparations for MDRRG-3 held in Quezon City from September 1 to 5. The PROMISE-RP team has contributed in the following manner:

- Intervention at Local Government Level: Challenges, Experiences and Lessons-learned - *Sofa Chat with Dr. Bhichit Rattakul and Hon. Alipio Fernandez, Mayor of Dagupan City facilitated by Ms. Lorna Victoria, Director of CDP DRR*
- Approaches for Community Mobilization for Managing Risk at Local Context -*Ms. Lorna Victoria*
- Overview of institutional arrangements relevant to National Provincial & local government level disaster mitigation/preparedness - *Ms. Emma Molina - PROMISE-Dagupan City TWG*
- Participatory Approaches in Governance and Disaster Risk Reduction - *Ms. Lorna Victoria*
- Generating community-sourced information for local disaster risk reduction - *Ms. Mayfourth Luneta, PROMISE-Philippines*

1.1.5. Sri Lanka

Project Title: PROMISE-Sri Lanka

Site(s) : Kalutara

Lead Institution(s): Lanka Jathika Sarvodaya Sharmadana Sangamaya

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 tsunami of 2004.

The lead institute, Lanka Jathika Sarvodaya Shramadana Sangamaya, is the largest National NGO network in Sri Lanka. Disciplines of social welfare, 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 are Urban Council, Kalutara; Department of Meteorology; Sri Lanka Institute of Local Governance; National Building Research Organization (NBRO); National Water Supply and Drainage Board. DMC (Kalutara)

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.

1.1.5.1. 2008 Working Group Meeting (WGM-2)

PROMISE-SL team attended the WGM-2. The Sri Lankan delegation made the following presentations:

- Partnership Development with Stakeholders for Long Term DRR - *Mayor MSM Mubarak*
- Mainstreaming Disaster Risk Reduction in Local Governance – Sri Lanka- *Mr. Basil Fernando (Consultant, Ministry of Disaster Management and Human Rights)*
- Modeling Kalu River floods and Community Based Early Warning System - *Mr. P. Dharmasena (Engineer, NBRO) -*
- Sustainable Tomorrow - Micro Credit Scheme for Better Livelihood for community in disaster prone areas - *Ms. P. Mudalige (Project Coordinator PROMISE)*
- Community Mobilization in Implementing Mitigation Actions - *Mr. M. Wijesinghe (Project Manger PROMISE)-*

1.1.5.2. Small-Scale Disaster Mitigation Projects

- Daham Mawtha – Construction of a roadside drain to divert floodwater to the nearby water retention marsh. Construction was completed and it prevented flooding the houses of the area.
- Akkarawatte – Construction of a drain to divert floodwater to the main drain, work was completed.
- Bindunu ela – Improvements to drainage system. -The Disaster Management centre carried out cleaning and desilting of the main canal. Canal was not functioning due to solid waste disposal by the people. Now, awareness programs were carried out and community is diverted to collect their biodegradable waste for home composting and non-biodegradable waste for recycle. Waste collection centre was built and functioning.
- Micro credit scheme- A micro credit facility for the most vulnerable and mostly needed families is in operation. At the first round, ten families were benefited and the system will function as a revolving fund operated by SEEDS, the economic arm of Sarvodaya.

1.1.5.3. End of Country Project

PROMISE-SL country project activities are finished as of July 31; the remaining tasks are the writing and submission of the final report.

Mrs. Padma Karunaratne, PROMISE Program Manager, Ms. Hla Hla, Finance Controller and Mr. Zay Yar Min, Finance Assistant visited Sarvodaya on 18 to 20 of August for final evaluation.

1.1.6. Viet Nam

Project Title:	PROMISE-Viet Nam
Site(s):	Da Nang
Lead Institution(s):	Centre of International Studies and Cooperation of Viet Nam (CECI)

Overview: The target city under PROMISE-Viet Nam is Da Nang, which is a dynamic city of the Key Economic Zone in central Viet Nam. Da Nang City is an important communications hub of the central region, with its international airport, deep-water seaports and north-south land routes and railways completely and conveniently developed. Being located on the World Heritage Route, it also has tremendous tourism development potential in addition to potential for economic development. Da Nang is frequently subjected to flood and storm disaster events. Severe storms with strong wind are often experienced with heavy rains, causing river water level rising and flooding. Drought, which occurs almost every year, is another major threat to the local agriculture.

CECI has been very active in the central region of Viet Nam in providing assistance to the government partners, UN and other international agencies and communities in the coastal areas, for hazard and vulnerability assessment and developing community-based solutions for disaster risk management, adaptation to climate change, environment protection and improvement.

PROMISE-Viet Nam 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 the ward level and identification and training of the “Change Agents”; Development of small scale community level projects for enhanced preparedness and mitigation of impact of hydro-meteorological events and; training on Community Based Disaster Risk Management (CBDRM) at the ward and section level as well as revision and adaptation of the CBDRM training material for PROMISE.

Da Nang City is located in Central Viet Nam, which is a long-stretching narrow region. The area is frequently subjected to flood and storm disaster events. Storms, affecting the Central provinces, often originate from tropical storms and depressions coming from the South China Sea (East Sea), and from tropical and cold fronts. Severe storms with strong wind are often engaged with heavy rains, causing river water level rising and flooding.

Cam Le, a newly-split district from former Hoà Vang district of Da Nang City, was selected to be the area for project implementation for its matching to the project objectives. The fact that urbanization is happening to most of the wards of the district inconsistently has exposed vulnerability to disasters of this district. The district is situated in the low-lying location, which has total natural area of 230 hectares. There are 6 wards in the district namely: Khue Trung, Hoa Xuan, Hoa Tho Dong, Hoa Tho Tay, Hoa Phat and Hoa An. Its total population is 71,000 of 16,612 households, out of which 1,231 are poor households account for 6.44% of land. Identified potential hazards to the district include flood, storm and drought.

1.1.6.1. 2008 Working Group Meeting (WGM-2)

PROMISE-Vietnam team attended the WGM-2. With the officials and representation from Peoples Committees, the team has made the following presentations:

- Integrating Awareness Raising on Disaster Resistant Construction in Typhoon Recovery Projects- Da Nang - Ms. K. McLaughlin (Regional Manager CECI)
- Experiences of Danang in Disaster Mitigation and Responses –Xangzen’ Typhoon Mr. Tran Anh Duc – (Vice Chair, Peoples Committee)
- Case Study on Community Awareness Raising - Mr. Truong Van Vy–(Peoples Committee)

- Participatory Disaster Preparedness Planning – Strengthening Local Government Planning Capacities - *Ms. Nguyen Phuc Hoa* –(*Project Coordinator, PROMISE*)
- Improving Emergency Response – Da Nang Experience - *Mr. Phan Ngoc Nam* (*Red Cross, Da Nang*) -

The Vietnamese government and CECI-Vietnam co-hosted the event. CECI was also given a contract of services to assist ADPC with the logistics, site preparation, and translation for the event. The Vietnamese government had the first session on “Experiences in Urban Disaster Risk Management, Vietnam” and gave the following presentations:

- National Strategy for Natural Disaster Prevention, Response and Mitigation to 2020 -*Mr. Tran Van Tuan* –*National Manager, NDMP*
- Safely Living with Flood in Central Vietnam - *Mr. Nguyen Duy Tu* *Ministry of Construction*)
- Natural Disaster Forecast in Vietnam - *Mr. Nguyen Trung Nhan* (*Director, Hydrometeorology Dept.*)-

1.2. Regional and National Capacity Building

1.2.1. Regional Course on Governance and DRR, Manila, September 1 to 5

ADPC conducted the “Mainstreaming Disaster Risk Reduction in Local Governance” Course in Manila. Formerly named “Governance and Disaster Risk Reduction,” the overall course objective is to develop a cadre of local government professionals sensitive to issues presented by the recurrent hazards. The course intends to increase their knowledge, as well as of other stakeholders, on urban governance and disaster risk management to be responsive to the needs of vulnerability reduction, and to create opportunities for mainstreaming risk reduction as a component of urban governance. Resource persons came from ADPC, CDP; the course featured interactive lectures, case studies and a half-day field trip to Marikina City and Maccathi city.

1.3. Advocacy for Mainstreaming Disaster Risk Management in Local Governance

PROMISE is supporting the development of strategy papers on mainstreaming in local governance, with demonstration projects in the Philippines and Sri Lanka. The target is to present the strategy for future enhancement of strategies in mainstreaming DRR in local Govt. sector targeting a mandate by the respective Government and to take up at future RCC meetings.

1.3.1. Philippines

The final report is still pending.

1.3.2. Sri Lanka

The draft of the final report was submitted in August.

1.4. Regional Networking and Information dissemination

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.

1.4.1. Second Working Group Meeting

The Program for Hydro-Meteorological Disaster Mitigation in Secondary Cities in Asia (PROMISE) held its Second Working Group Meeting (WGM-2) on 15-17 July 2008 at the Green Plaza Hotel, Da Nang, Viet Nam. The event was co-organized with the Government of Viet Nam through the National Disaster Mitigation Partnership (NDM-P) and the Central Committee for Flood and Storm Control (CCFSC), and Center for International Studies and Cooperation – Vietnam.

Dr. Bhichit Rattakul, ADPC Executive Director, welcomed the participants. Opening addresses were given by NDM-P National Director Nguyen Sy Nuoi, USAID/OFDA Acting Regional Advisor

Thomas Rogers, and CCFSC Vice-Chair Huynh Van Thang. Certificates of Appreciation were distributed to PROMISE City Governments, and a video documentary on PROMISE-Philippines was shown.

The sessions are as follows: 1) Experience in Urban Disaster Risk Management, Vietnam; 2) Technology Development and Transfer for DRR; 3) Practices for Mainstreaming DRR in Urban Development; 4) Networking and Partnership Development for Urban DRR; 5) Planning and Implementation Process for Urban DRR; 6) Governance and Urban DRR; and 7) Sustainability of Program Activities. Mr. Rogers gave the closing remarks. A field visit was made to the PROMISE-VN wards of Da Nang (in Cam Le district) to observe: 1) community-based emergency preparedness and flood disaster mitigation; 2) ward-level EOC set-up; 3) small-scale disaster mitigation projects; 4) demonstration of water-based search-and-rescue; and 5) the flood early warning system under the Da Nang Committee for Flood and Storm Control.

Participants came from: (1) the local governments of Chittagong, Da Nang, Dagupan, Hyderabad, Metro Jakarta and Kalutara; (2) country partner organizations – Bangladesh Disaster Preparedness Centre, Center for International Studies and Cooperation – Vietnam, Center for Disaster Preparedness, Aga Khan Planning and Building Services –Pakistan, Bandung Institute of Technology, and Lanka Jathika Sarvodaya Shramadana Sangamaya and from networking partners and other interested organizations – US Agency for International Development / US Office for Foreign Disaster Assistance, World Bank – Urban Development Sector, and Ove Arup & Partners, the Ministry for Disaster Management and Human Rights (SL), and the National Building Research Organization (SL).

1.4.2. Updating of the Website

The web site has been updated with the presentations for the 2008 Working Group Meeting. The relevant links are:

- Session 1: Experience Urban Disaster Risk Management, Vietnam
<http://www.adpc.net/v2007/Programs/UDRM/PROMISE/MONITORING%20&%20EVALUATION/Working%20Group%20Meeting/2008/Session1.pdf>
- Session 2: Technology Development and Transfer for DRR
<http://www.adpc.net/v2007/Programs/UDRM/PROMISE/MONITORING%20&%20EVALUATION/Working%20Group%20Meeting/2008/Session2.pdf>
- Session 3: Practices for Mainstreaming DRR in urban development
<http://www.adpc.net/v2007/Programs/UDRM/PROMISE/MONITORING%20&%20EVALUATION/Working%20Group%20Meeting/2008/Session3.pdf>
- Session 4: Networking And Partnership development for DRR
<http://www.adpc.net/v2007/Programs/UDRM/PROMISE/MONITORING%20&%20EVALUATION/Working%20Group%20Meeting/2008/Session4.pdf>
- Session 5: Planning and Implementation process for DRR
<http://www.adpc.net/v2007/Programs/UDRM/PROMISE/MONITORING%20&%20EVALUATION/Working%20Group%20Meeting/2008/Session5.pdf>
- Session 6: Governance and DRR
<http://www.adpc.net/v2007/Programs/UDRM/PROMISE/MONITORING%20&%20EVALUATION/Working%20Group%20Meeting/2008/Session6.pdf>

1.4.3. Safer Cities Case Studies

Safer Cities 22 entitled “Flood Disaster Mitigation and River Rehabilitation by Marikina City, Philippines” written by Gabrielle Iglesias and Carlyne Yu was published this August, and can be found online at:

<http://www.adpc.net/v2007/Programs/UDRM/PROMISE/INFORMATION%20RESOURCES/Safer%20Cities/Downloads/SaferCities22.pdf>.

Safer Cities on Kalutara and the work by PROMISE-SL was begun by Ms. Manel Jayamanna, a consultant hired to develop the case. The case is finalized and will be published in October as Safer Cities 23.

1.4.4. Monthly Electronic Newsletter

“Disaster Mitigation in Asia” is the monthly electronic newsletter maintained by PROMISE. For this quarter, issues 61, 62 and 63 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>.

A new section on natural hazards was created under “Online Resources.”

1.4.5. Mission to Da Nang, July and August

Mrs. Karunaratne and Mr. Aslam went to Da Nang to finalize details for the WGM-2 on 1 –2 July 2008. Mrs. Karunaratne, Ms. Hla Hla and Ms. Buddasrin went to Hanoi on 4 – 6 Aug for final evaluation.

1.4.6. Mission to Pattaya, July 13 to 17

Ms. Gabrielle Iglesias went to Pattaya to represent PROMISE at two events:

- Launching of *Climate Resilient Cities* by the World Bank and UNISDR. The launching featured presentations of the case studies in the book. PROMISE-Philippines had two best practices included in the book. Ms. Iglesias talked to WB representatives about the possibility of mentioning that the best practices are under PROMISE, as references to the program, ADPC and USAID/OFDA were omitted in the text. She was informed that it was World Bank policy to omit such references.
- The Annual Congress of the United Cities and Local Governments, Asia-Pacific Section, July 15 to 18. Ms. Iglesias presented a paper on urban disaster risk management in Asia that featured the experiences of PROMISE, among other ADPC programs. She met several mayors and professionals who work with local governments, and invited them to the MDRRG-3.

1.4.7. Mission to Sri Lanka, August 18 – 20

Mrs. Karunaratne, Ms. Hla Hla and Mr. Zay Yar Min were in SL for final evaluation of PROMISE.

1.4.8. Mission to Manila, August 31 to September 6

Mr. Arambepola, Mr. Kumar and Ms. Jayamanne went to Manila to organize the MDRRG-3 and serve as resource persons for the course.

1.4.9. Information, Education and Communication Materials from Country Partners

Publication on PROMISE-Philippines

- a) Ms. Lorna Victoria of Center for Disaster Preparedness and PROMISE-Philippines team published a case study in *Indigenous Knowledge for Disaster Risk Reduction: Good Practices and Lessons Learned from experiences in the Asia-pacific Region*. (A publication of UNISDR)
- b) *Climate Resilient of Global Facility for Disaster Risk Reduction and Recovery*, a publication under World Bank highlighted the Dagupan as a successful case.

- c) *News Letter of Natural Disaster Mitigation of Ministry of Agriculture and Rural development* highlighted the outcome of the Working Group Meeting held in Da Nang.

1.4.10. 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.

1.4.10.1. Networking Events in the Philippines

CDP represented PROMISE-Philippines in several networking events:

- Disaster Management Orientation for Buklod ng Kabataan on July 6
- UNICEF Child Protection in Emergencies meeting in July
- Meeting on Education cluster to assist schools hit by Typhoon Halong, and the subsequent relief distribution. July
- Oxfam Partners Meeting to present the CBDRR activities and the hazard maps of Dagupan City August
- Ms. Luneta lectured on the Dagupan CBDRM experience for undergraduate and graduate students of Prof. JC Gilliard at the University of the Philippines; the students showed interest in helping, possibly to work on the Disaster Information Management System for Dagupan - August
- Ms. Luneta shared the CBDRM experiences in Dagupan City at a training course on Child Protection in an Emergency in the Philippine Context in Daet, Camarines Norte; August 25 to 29.

2. Planned vs. Actual Achievements

2.1. City Demonstration Projects

2.1.1. Bangladesh

The activities planned for the quarter and progress as follows:

- Small-scale disaster mitigation projects - completed
- The guidelines for SOP and Land Use Planning - completed
- Presentations for WGM-2 - completed
- End of the country project – Draft report sent

2.1.2. Indonesia

The activities planned for the quarter were accomplished:

- Town-watching
- Training of Trainers

2.1.3. Pakistan

The activities planned for the quarter and progress as follows:

- Small-scale disaster mitigation projects - Completed
- Presentations for WGM-2 -completed
- End of the country project- Final report is expected in Sept – October

2.1.4. Philippines

The activities planned for the quarter and progress as follows:

- Presentations for WGM-2 - completed
- CBDRM refresher course for the TWG – organizing and planning completed
- CBDRM training for 23 Baraga’s commenced and continuing

2.1.5. Sri Lanka

The activities planned for the quarter and progress as follows:

- Presentations for WGM-2
- Completion of the small-scale disaster mitigation projects
- End of the country project –final reports on HVRA and City Action Plan are pending

2.1.6. Viet Nam

The activities planned for the quarter and progress as follows:

- Presentations and organizing for WGM-2 - completed
- Support to ADPC for the WGM-2 – completed

2.2. Regional and National Capacity Building

At the regional level, the following have been carried out:

- Mainstreaming Disaster Risk Reduction in Local Governance (MDRRG-3)

There are no planned activities at the national level.

2.3. Advocacy for Mainstreaming Risk Management in Urban Governance

- SRI LANKA – NBRO has submitted the final report for the project.

2.4. Regional Networking and Information Dissemination

- Work is progressing as planned. The PROMISE website maintained by ADPC is updated.
- Safer Cities 22 on Marikina City was published in August 2008.
- Drafts of Safer Cities 23 was begun in June; it will be published by next quarter.

3. Problems Encountered, New Opportunities and Lessons Learned

3.1. Problems Encountered

The following problems were encountered:

- Incomplete documents for final evaluation.
- Delay in submitting reports.

3.2. New Opportunities

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

- Meeting all the partners at Working Group meeting with the donor representatives. Provided a good opportunity to share views and experiences
- Meeting Marikina city Mayor and sharing good practices

3.3. Lessons Learned

The following are lessons learned by the partners:

- Outcome presented at working group meeting was a good forum to learn from the others. Site visit to Danang structural mitigation sites were exclusively accepted as a good lesson to be replicated in sister countries.

4. Activities for the Next Quarter

4.1. City Demonstration Projects

4.1.1. Bangladesh

The main activities for the next quarter are:

- Preparation for final auditing and evaluation.
- Final report
- Handing over the project to city cooperation / community as appropriate for continuation and maintenance.

4.1.2. Indonesia

The main activities for the next quarter are:

- Technical Working Group meeting with Jakarta Provincial Government on CBDRR interventions at grassroots level
- School level flood hazard mapping, School level action planning and implementation for School SMAN 8
- Disaster Risk Reduction Week – Jakarta – Organising and participation
- Technical Working Group meeting for city-level emergency management and response planning
- Planning and implementation of EWS for flood for Tellurian Kebon Baru
- Flood Drill - End to End Simulation
- Preparation for EWS and crisis center at JPG as well as Kelurahan level

4.1.3. Pakistan

The main activities for the next quarter are:

- Documents required at final auditing and evaluation.
- Final report
- Handing over the project to city cooperation / community as appropriate for continuation and maintenance.

4.1.4. Philippines

The main activities for the next quarter are:

- Advanced Training for TWG in DRR
- Activities in institutionalisation DRR in education sector
- Completing CBDRM Training of 23 barangays
- Climate Change Plan for the NGDRR

4.1.5. Sri Lanka

The main activities for the next quarter are:

- Documents required at final auditing and evaluation.
- Final report
- Handing over the project to city council / community / DMC Kalutara as appropriate for continuation and maintenance

4.1.6. Viet Nam

The main activities for the next quarter are:

- Final report

4.2. Regional and National Capacity Building

The next activities for capacity building are:

- Regional course on Flood Disaster Risk Management (FDRM) will be held in Bangkok from 6 - 17 October
- National Course on Damage Assessment and Needs Analysis (DANA) will be held in Bangladesh from 28 – 30 October

4.3. Advocacy for Mainstreaming Risk Management in Urban Governance

Completion of the final report by the Philippines demonstration project.

4.4. Regional Networking and Information Dissemination

- Final editing of the municipal guidebooks series
- Publication of Safer Cities 23 on Kalutara, Sri Lanka