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PROMISE PROJECT

Philippines

NARRATIVE PROGRESS REPORT

Annex:

SCRIPT FOR DAGUPAN CITY'S FLOOD SIMULATION RESPONSE EXERCISE

Implemented By:

Center for Disaster Preparedness

Submitted To:

ADPC

**Reporting Period:
MAY 2007**

Activity Summary

Objectives and the corresponding activities for this month:

1. Adoption of specific hydro-meteorological disaster preparedness and mitigation measures to manage hydro-meteorological disaster risk by stakeholders in Dagupan City.

- Meeting with Mr. Arambepola and Ms. Clarence Carlos for Project Updates and Coordination
- Preparation and Actual Conduct of Flood Response Simulation Exercise

2. Increased stakeholder involvement and further enhancement of strategies, tools, and methodologies related to community preparedness and mitigation of hydro-meteorological disasters in urban communities

- Meeting with Mr. Arambepola and Ms. Clarence Carlos for Project Updates and Coordination
- “Community Based Disaster Risk Management & Local Governance” UNISDR Compilation of Good Practices (The Dagupan Promise Experience)
- Preparation and Actual Conduct of Flood Response Simulation Exercise

3. Enhanced coordination with USAID Missions to promote sustainability and ensure program activities accord with USAID country and regional strategies.

- Preparation and Actual Conduct of Flood Response Simulation Exercise

4. Strengthen networks and regional links among relevant risk management institutions/ organizations for improving potential and capacity for application and dissemination of lessons learned.

- Meeting with Mr. Arambepola and Ms. Clarence Carlos for Project Updates and Coordination
- Meeting with Dr. Gonzales and Ms. Carlos for Possible Coordination
- “Community Based Disaster Risk Management & Local Governance” UNISDR Compilation of Good Practices (The Dagupan Promise Experience)
- Preparation and Actual Conduct of Flood Response Simulation Exercise

Activity 1: Meeting with Mr. Arambepola and Ms. Clarence Carlos for Project Updates and Coordination

In the first week of May Mr. Arambepola of ADPC, the Program Manager of PROMISE and the UDRM Director along with Ms. Clarence Carlos, UDRM Project Coordinator, visited CDP, Dagupan and Baguio for various meetings. On May 4, 2007, a meeting with the TWG of Dagupan was set with ADPC and Ms. Luneta of CDP for the PROMISE updates and for comments and suggestions of ADPC for the upcoming activities like the following:

- City Medical First Responders Training to be handled by Mr. Jon Abu of ADPC to compliment the Local MFR training for the pilot communities by Red Cross
- Flood Response Simulation to be attended by Mr. Anup
- The format for the Small Scale Mitigation and Preparedness Project for the communities
- Other Technical and Administrative Arrangements
- Possible Collaboration with Ms Carlos’ Baguio Project.

Activity 2: Meeting with Dr. Gonzales and Ms. Carlos for Possible Coordination

Through the suggestion of Mr. Arambe, a meeting was set with Dr. Gonzales of UP Engineering and with Ms. Carlos and Ms. Luneta for possible coordination of CDP and the Project PROMISE with the Baguio Landslide Project of ADPC. Disaster Preparedness Training for the

communities of the landslide mitigation project to be given by CDP was one of ADPC suggestion on the other hand Dr. Gonzales said that their local university partner will be the one to give the training for the community (due to previous arrangements and financial constraints. It was then settled that though CDP will not give the disaster preparedness training, Dagupan PROMISE partners and the Baguio Landslide Mitigation Project partners will help each other in other future activities for both projects.

PROMISE project was able to establish initial networking with Baguio City Disaster Coordinating Council through a sharing of experience. They're even invited to be observers for the Dagupan Flood Response Simulation.

**Activity 3: "Community Based Disaster Risk Management & Local Governance" UNISDR
Compilation of Good Practices (The Dagupan Promise Experience)**

Mr. Michele Cocchiglia informed us that UN ISDR has been collecting good practices on Community-Based Disaster Risk Reduction to encourage knowledge sharing and exchange of information. Partner NGO's in the Philippines as well as GO's were also informed and were encourage to submit in their good practices. CDP Submitted two case studies one with Buklod Tao, the Child Oriented Participatory Risk Assessment and Planning experience and another was the Community Based Disaster Risk Management and Local Governance the Dagupan PROMISE Experience. After several months we were informed that the latter was chosen (as the entry for the Philippines) to be included in the Publication of the "Global Network of NGOs" for Disaster Risk Reduction. The compilation was entitled Building Disaster Resilient Communities-Good Practices and Lessons Learned 2007. The case study of CDP was Mainstreaming Community-Based Mitigation in City Governance - Community Based Disaster Risk Management & Local Governance.(Please refer to attached document). The publication of the Dagupan Promise experiences will help in the promotion of CBDRM and Good Governance not only in the Philippines but also worldwide.

Activity 4: Preparation and Actual Conduct of Flood Response Simulation Exercise

The preparation for the Flood Response Simulation was done initially during the previous months but had most of the major preparatory meetings on the whole month of May (kindly refer to the work plan). The simulation control team was created to make a realistic script, organize volunteers, lead and guide other simulation committees and oversees the whole activity. The following were the members of the control:

1. Maris Palencia Simulation Director/Consultant
2. Honorio De Dios Co-Simulation Director/Consultant
3. Mayfourth D. Luneta Simulation Control Team- CDP
4. Emma Molina Simulation Control Team- TWG
5. Athena Arenas Simulation Control Team- TWG
6. Rhoderick Dawis Simulation Control Team- TWG additional staff.

After rigorous meetings with different volunteers and the review of the script, it was seen that an additional member of the control team was needed.

USAID representative were invited to witness the event however, they were not able to attend due to other commitments.

The budget for the simulation was not enough if the source would only be the project fund. CDP, Dagupan City Government, members of the volunteer organization BANTAY DAGUPAN gave substantial contribution whether in cash or in kind (services). Furthermore, the usual local caterer for the project gave also a contribution by giving a huge discount for the catering services for the simulation.

Red Cross also played an important role in the simulation by providing first aiders for all the staging stations and by providing able actors for the staged vehicular accidents.

Through PATRIMA, the tri media organization, the event was covered not only in Dagupan but also regional and even wider coverage. The whole event was heard blow by blow through the local radio (Bombo Radyo, Action Radyo). It was seen through the regional television network (ABS-CBN).

CDP provided volunteers that helped in the photo and process documentation (Hiyas Cagay, Jelyne Gealone and Grace Molina).

The Regional Disaster Coordinating Council Director Armando Duque attended and gave vital comments, and suggestions for the CDCC of Dagupan (having data boards). Baguio Disaster Coordinating Council was also represented and also gave good suggestions. The Mangaldan Disaster Coordinating Council, Binmaley Disaster Coordinating Council were also represented and observed the simulation.

The eight pilot Barangays' BDCCs attended and also gave vital observations and learning from the event.

Disaster Preparedness Bookmarks were given to city observers and participants during the simulation to enhance their awareness of the relevant contact numbers (printed at the back) to call during emergencies and to inspire the people thru the disaster preparedness slogan (printed in front).

There were two staging areas one in Barangay Mangin, and another in the City.

Barangay Mangin Disaster Coordinating Council gave their best performance and learnt a lot on what they will improve on. The BDCC s of the other pilot barangays observed in Barangay Mangin.

Around 300 eager individuals took part in this initiative that came from the community, city government, regional government offices, international non-government organization, religious groups, neighboring municipalities, health organizations, media and civil society. Though this was the first time that Dagupan has engaged in a flooding simulation, the city was fortunate enough to achieve success. Through their well coordinated efforts and hard toil, the said event became a big step towards the realization of their vision. The simulation has helped each sector involved to share their knowledge and skills in preparedness and response through allowing others to witness,

impart comments and eventually replicate this kind of endeavor. It became a venue for them to learn from actual practice rather than relying in theoretical framework alone. Delineation of tasks, multi-sectoral participation and articulation of suitable responses were challenges that the activity have tried to address.

A. Next month activities Plan

- TWG Meeting
- Preparation for Disaster Preparedness Day
- Preparation for Public Awareness and Sharing of DRM experiences
- Preparation for MFR Part 2

B. Issues encountered and solutions

The major issue encountered by CDP and the TWG was to have additional funds for the simulation to have a wider coverage (two to three staging areas). CDP, Dagupan City Government and other stakeholders and volunteers gave enough contributions in cash and in kind to answer the need.

The simulation for the radio communication was postponed for June to give further preparation for the Citywide Drill.

Prepared by:

Mayfourth Luneta



Simulation Script for Control Team
Flood Response Simulation Exercise
Dagupan City, 31 May 2007

Day 0:

It has been raining heavily in Dagupan for the last 12 hours. PAGASA has announced that a low pressure area has developed into a typhoon and entered the Philippine Area of Responsibility at 0000 of 30 May 2007. The Typhoon which has been named SINTA is expected to landfall in Aurora province at 0600.

Typhoon SINTA has also intensified the monsoon rains which have been dumping heavy rainfall all over Central and Northern Luzon and parts of the Visayas.

The Agno River Flood Forecasting Center has also released an advisory on the rising water level at the Sta. Barbara monitoring station.

Day 01: 0830

To officially start the simulation: use siren



A fax message is sent to the Mayor's office at **0820** from the **Agno River Flood Forecasting Center** advising on the water level at the Sta. Barbara monitoring station nearing critical level.

At **0830**, PAGASA announces over the radio (through the CDCC two-way radio frequency) that a low pressure area has developed into a strong typhoon named *Sinta*. PAGASA has also declared Public Storm Signal No.1 over several Northern Luzon region provinces including Dagupan.

Later in the day, the Agno River Flood Forecasting Center issued a warning that water level has spilled-over the critical level and that gates at the Binga dam will be opened to release excess water.

Mangin

The road flood marker in Bgy. Mangin is measured at 1 ft level.

Expected actions:

BDCC Mangin

- BDCC to convene and issue alert;
- Monitoring committee monitors flood water level and over-all situation in the barangay
- House-to-house information dissemination on alert level
- Coordinates and reports to CDCC
- Requests CDCC dump truck for evacuation.
- Inventory of equipment, check-up of transportation

BDCC: Tabeng, Salisay, Pogo Grande

- Reports to CDCC: 2 ft water on the river flood marker in Salisay, 1 ft in Pogo Grande, 1 ft in Tebeng

CDCC

- CDCC to convene and monitor situation in affected barangays and City Proper
- Coordinates with BDCCs, requests for inventory of equipment at the barangay level
- Dispatches dump truck and WS&R teams
- Public information on disaster update through media
- Inventory of CDCC logistics and manpower resources
- Establishes coordination with AGNO Forecasting Center and line agencies for information update

Day 02: 0900

Aksyon Radyo announces at **0900** that PAGASA has raised Public Storm Signal No. 2 over. Elementary and High School classes are suspended. Dagupan. Heavy rainfall and strong winds are now being experienced in Dagupan. It also reported that flooding in several low-lying barangays surrounding the city proper as high tide has been reported to have reached the 2.6-meter level and Barangay One is now under ankle-deep flood water.

Mangin

In Mangin, the road flood marker is measured at 3 feet. Several portions of the main road are now inundated by flood water and several residents have reported that the road at **Pondohan** leading to Bolosan is no longer passable to pedestrians and vehicles.

Three people can not cross the river from the fishpond dike (near Pondohan) to the highway and need to be rescued.



Bgy. Lasip Grande, Lasip Chico, Bacayao Sur, Bacayao Norte request for vehicle for dump truck for evacuation. (Three dump trucks are already previously dispatched for clearing operations.)



Expected actions:

BDCC Mangin

- Full evacuation of high risk areas to the Dagupan City Water District (DCWD) in Tambac
- Assign family members in securing houses
- Monitoring of evacuees/registration

CDCC

- Flood monitoring in the city
- Coordination with concerned BDCCs

Day 03: 0930

Aksyon Radyo announces that PAGASA places Dagupan under Public Storm Signal No 3. Strong gusty winds now being felt all over the province. Classes at all levels are suspended.

Flood prone areas in the city proper are now under knee-deep flood water. At the height of the storm, around 12 noon, power supply all over Dagupan has been cut-off.

Aksyon Radyo announces reports that one tricycle with three passengers had been hit by a broken acacia branch along Zamora corner A.V. Fernandez Streets. All three passengers are reportedly injured and needing assistance.

Mangin

The flood water in Bgy. Mangin is now estimated at 4 feet. Residents reported strong river flow and dark brown river water filled with debris.



Expected actions:

Mangin BDCC

- Evacuation center management
- Relief distribution

CDCC:

- Rescues accident victim, dispatches ambulance
- Radio monitoring: effects and damages, needs
- Reports to PDCC/RDCC

Day 04: 1000

Aksyon Radyo announces that PAGASA has lowered Public Storm Signal over Dagupan to No. 1. Moderate rainfall continues to pour over most of the province. Flood water has subsided in the last 12 hours but the city remains under ankle-deep floods. The electric power has been restored.

It was also reported over the radio that strong river flow and debris damaged a portion of the Magsaysay bridge. It is now not passable to pedestrians and vehicles.

As to the CDCC, the deputized Disaster Chief has been hospitalized and indisposed.

Mangin

Mangin evacuees remain at the Dagupan City Water District and their food supply has run out.

Among the evacuees, two children are ill with high fever. While first aid had been given, the two still need to be brought to a hospital in the city.

Expected actions:

Mangin BDCC

- Requests for relief assistance from the CDCC
- Requests for medical team and transport of two sick children
- Rapid assessment; report to CDCC
- Evacuation center management



CDCC:

- Rapid assessment
- Second liners for EOC and POSO take charge
- Take Quintos bridge as alternate route to Mangin to deliver relief and pick-up two sick children

Day 05: 1030

Rains have stopped. A few low-lying areas in the city remain under ankle-deep but the general situation has normalized.

However, isolated cases of diarrhea among children were reported in Sitio Aling in Pantal through the media.

Expected action:

Mangin BDCC

- Return to home order
- Resource mob
- Continues coordinate with CDCC

CDCC

- Deploys health team to assess situation, water testing, provide medical care
- Second liner still in command
- Damage and Needs Report
- Deactivates EOC

Day 06: 1100

Flood water in the city has fully subsided.

Mangin flood marker on the road is at 1 ft.

Expected action:

Recovery planning of CDCC and BDCC.

1130: Simulation Deactivated