



PROMISE Bangladesh

Extension Program activities in Jamalpur City

NARRATIVE PROGRESS REPORT

Reporting Period: February, 2010

Implemented by:



Asian Disaster Preparedness Center

A. Activity Summary

Following activities were performed during February, 2010:

Project Component -1

Development of Hydro-Meteorological Hazard based Map and Action Plan for the Municipality.

Activity-1: Conducting detailed vulnerability analysis with community, volunteers and city officials and preparation of detailed community based risk maps for selected wards.

- The detailed vulnerability analysis due to flood hazard was conducted with respective communities, volunteers and city officials and community based detailed flood hazard risk maps were prepared for ward no. 1, 10 and 12.

Activity-2: Monthly Technical Working Group (TWG) Meeting.

- The monthly Technical Working Group (TWG) meeting was conducted on 25 February 2010 to present the vulnerability analysis and community based risk maps as well as to present the proposed (draft) Early Warning System.

B. Activity Reports

Activity-1:

ADPC team visited Jamalpur Municipality from 22 to 25 February, 2010 to conduct the flood vulnerability analysis and to prepare the community based risk maps for ward no. 1, 10 and 12 (selected wards for PROMISE activities). Following activities were carried out for preparation of community based flood vulnerability maps:

Training to selected volunteers on CBDRR: On 23 February, 2010, day long training on Community Based Disaster Risk Reduction was organized for selected community volunteers. Total 20 volunteers were participated in the training in which 3 from each selected wards (ward no. 1, 10 & 12) and rest were from the wards covered under SHOUHARDO program. The participating volunteers were collected with the assistance of Dhaka Ahsania Mission and the ward councilors of respective wards. Along with the community volunteers, two ward councilors also participated in the training. In the training, basic concept of Disaster Management, about PROMISE, its goal, objectives and activities, and concept, approach and process of CBDRR were covered under the training. Especial emphasis was given on Community Risk Assessment and Plan Development through hands on exercise on Vulnerability Assessment and Risk Mapping. Flip Chart presentation and interactive discussion was the method of the training. At the end of the training, a group of volunteers were prepared and group leaders were selected to conduct the community level risk mapping for the next day.



Photo Gallery: *Training to selected community volunteers on BBDR.*



Photo Gallery: *Hands on exercise on vulnerability assessment and risk mapping.*

Community Risk Mapping in Ward no. 1, 10 & 12: On 24 February, 2010, community risk mapping activities were carried out in ward no. 1, 10 & 12. Mr. Ahsan, Mr. Tawhid and Mr. Arvind from ADPC separately facilitated to mobilize the community with the assistance of volunteers and respective ward councilors for carrying out the mapping activities in 3 different wards. In all three wards there was huge participation by the communities with full enjoyment in risk map preparation and vulnerability assessment. At the beginning of the mapping activities, an orientation was carried out by the trained volunteers.



Photo Gallery: Community risk and resource mapping and vulnerability assessment.

Community Based Climate Change Impact Risk and Resource Map: After preparation of community risk and resource map, an attempt was made to get community's perception on climate change and its impact related issues. Separate discussions were conducted with farmers, fisher folk, daily wage labours, masons,

rickshaw pullers, women and children living in the community in this regard. Following issues were discussed data were collected through transect walk:

- a. Rainfall pattern in the last five years
- b. Cropping pattern and input-output ratio in the last five years
- c. Flood pattern and flood water level in last five years
- d. Earth rising pattern of houses in last five years
- e. Migration pattern due to flood in last five years
- f. Daily wage level pattern and number of man-days in last five years
- g. Livelihood pattern in last five years
- h. Health related problems in last five years



Photo Gallery: *Discussion on climate change related issues and data collection through transect walk.*

These collected data related to climate change will be analyzed and community based climate change impact risk and resource map will be prepared by reflecting the community's perception.

Validation of Community Risk Maps at Community Level: With the transect walk, the community risk maps were also validated at community level.



Photo Gallery: *Validation of community risk maps at community level.*

Activity-2:

The monthly Technical Working Group (TWG) meeting was conducted on 25 February, 2010. The main agenda of the meeting included following specific objectives:

- a. To discuss on resolution of last TWG meeting.
- b. To share the experience of lady councilor who participated in training in Manila.
- c. To present the community flood risk maps for validation.
- d. To present the proposed (draft) Community Based Early Warning System (CBEWS).
- e. To discuss about the establishment of Emergency Operation Center (EOC).
- f. To discuss about the incorporation of DRR issue in Annual Development Plan of the Municipality.
- g. To discuss about the integration of flood vulnerability map with Land Use Map of the Municipality.

The resolution of last TWG meeting held on 18 January, 2010 was passed to the members in this monthly meeting and they all are in agreement with their roles and responsibilities that discussed in the last meeting.



Photo Gallery: *Monthly TWG meeting.*

The lady councilor of Jamalpur Municipality, who participated in MDRRG-4 training held in Manila last month (25-29 January, 2010), shared her experience with TWG members. She explained whatever she learnt from this training and how it will help her to contribute in disaster risk reduction for Jamalpur City.

In the meeting, ADPC team presented the community risk maps of ward no. 1, 10 & 12 prepared by the community and explained the extent and level of flood vulnerability in terms of high, medium and low. All TWG members are in agreement about the community risk maps prepared by the community and validated it for further course of action. The members were also discussed about options for structural measures along with community capacity building that can help to reduce the flood vulnerability of the communities and how PROMISE project can provide technical assistance in this regard.



Photo Gallery: *ADPC team presented the community risk maps in the TWG meeting and explained the extent and level of flood vulnerability.*

Mr. Arvind Kumar from ADPC presented the proposed (draft) CBEWS in the meeting and explained its mechanism from Upstream to Community through the

Municipality and vice-versa. The members discussed about the weakness or gaps of the existing EWS related to flood in Jamalpur and appreciated the effort of ADPC through PROMISE to reduce the flood vulnerability in Jamalpur City if it takes in place.



Photo Gallery: *ADPC team presented the CBEWS in the TWG meeting and explained its mechanism.*

Finally, the municipal authority provided the space/room within its premises for establishment of EOC and ADPC team physically visited the place. The detailed design and operation mechanism will be discussed in next monthly TWG meeting.

Currently, the annual development plan of the municipality is under process of finalization. ADPC team recommended to include one separate chapter related to Hydro-meteorological Disaster Risk Reduction issue highlighting the activities performed under SHOUHARDO as well as the activities to be performed under PROMISE. The TWG members requested ADPC team to support Mr. Abu Sayed in writing the recommended chapter.

In the meeting, ADPC team also explained the importance of integration of flood vulnerability maps with municipal Land Use Map. The TWG members suggested to integrate the flood vulnerability map with municipal land use map and Mr. Abu Sayed will be helping ADPC team for this integration.

C. Next Month Activities Planned

- Monthly meeting of Technical Working Group (TWG).
- Finalize the Community Base Early Warning System.
- Identify the location for flood gauge with assistance of WDB.
- Supply and install flood gauge at identified locations in ward no. 1 to 8, 10 & 12.
- Establishment of EOC at municipality.
- Preparation of action plans and organize workshop for validation.

D. Issues Encountered and Solutions

It is very hard to find volunteers at community level. So, the volunteers who are already trained under this project can be used for performing PROMISE activities at the community. However, a strategy needs to develop about the modality for engaging volunteers.