

Development of Local Flood Early Warning and Dissemination System

PROVATi3 Project-DDM Component

July 2022

Monthly Progress Report

Regional Integrated Multi-Hazard Early Warning System (RIMES)

Section A

Progress Summary

- Quarterly Progress Sharing Meeting of provati3 project
- Preparation of Field Survey Report for DDM
- Design Finalization for Notebook, Folder for Provati3 Project
- Preparation of Annual Procurement Plan
- Preparation of Draft MoU with FFWC
- Preparation of Draft Baseline Survey Report
- Preparation of Budget Extension Proposal for Revised DPP
- Breakdown of activity and budget head aligned with DPP

Section B

Activity I. Quarterly Progress Sharing Meeting of PROVATi3 project

Progress

2nd quarterly progress sharing meeting was held at DDM on 19 July 2022 with DDM, LGED, and RIMES professionals. The meeting took place to identify and discuss project progress and the issues, emerged as challenges in various activities of "Development of Local Flood Early Warning and Dissemination System". Netai Chandra Dey Sarker, Director (MIM) & Project Coordinator, Provati3 Project-DDM Component chaired the meeting while, DPC (ICT), DPC (GIS), RIMES program manager, Hydrologist and Procurement Specialist of LGED, and other officials of PROVATi3 project participated in the meeting. The program manager started the meeting by highlighting the important discussions of the previous quarterly meeting and shed light on the activities conducted in the previous 3 months (April-June). Activities for the following months were discussed, including the preparation of a report on the data that was obtained, preparations for arranging training, the installation of river gauges, and the appropriate implementation of the activities. During the meeting, the Program Manager provided an update on the drone

survey that was carried out in Kurigram as part of the SUFAL II project. Emphasis was placed on the collection of geospatial data within the time frame given in the work plan. There was a discussion about the procurement of furniture for the Department of Disaster Management from the budget head of office complex instead of the office supply. According to the terms of the DPP and the MoU, a price per unit will also be determined for the acquisition of desktop computers, laptop computers, printer, and other types of computer equipment. A Quarterly Report has been submitted to DDM outlining the project activities during the months of April through June. Progress Sharing Meeting of PROVATi3 Project-DDM Component with LGED, Meeting on DMC Database development, Consultation on Voice Message Broadcasting Portal Development, Tool Development, Baseline Survey at Gaibandha, Kurigam, and Jamalpur, etc issues were highlighted in the report. A tentative work plan for next quarter (July-September) is also mentioned in the report.

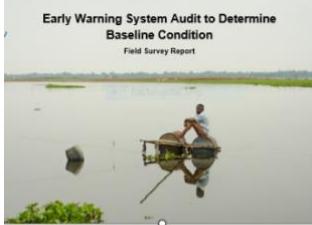


Activity 2. Preparation of Field Survey Report for DDM

Progress

A baseline summary report under the contract agreement has been submitted to DDM outlining the objective, sampling method, training sessions, survey procedure, and data analysis. Details of the HH survey, FGD sessions, and KII are also described in the report. This report mainly focuses only on completing field survey activity with a glance at data analysis. The final baseline report will be published incorporating detailed findings and recommendations. The baseline assessment shall provide an overview of the existing situation in the study area. Furthermore, the forthcoming data analysis based on the baseline study will also be useful to measure the changes and project impact over time. It will be beneficial and crucial for understanding the needs and vulnerabilities of the communities which are to be addressed for accomplishing the project goals.

Early Warning System Audit to Determine Baseline Condition
Field Survey Report



LOCAL FLOOD WARNING DISSEMINATION SYSTEM
PROMOTE RESILIENCE OF VULNERABILITY THROUGH ACCESS TO INFRASTRUCTURE, IMPROVED AND INFORMATION (PROVATi3)-DDM COMPONENT

Regional Integrated Multi-Hazard Early Warning System (RIMES)

Analysis on Collected Baseline Data

As the data collection has been completed, collected data have been submitted to the server. Eventually, after extraction of data from the server, data sorting and analysis have been started. Here is a summary table of specific wise collected data.

Some findings of the data are as follows:

- Among the total respondents, the ratio of male and female is 16:24.
- Majority of the respondents are to be found in the urban areas (27.11%) and households (16.70%), daily wage earners (13.12%) and service holders (12.02%).
- 99% of the respondents consider flood to be the major hazard in their area.
- In flood intensity order, Kurigram is the most flood prone district (32.71%) after Jamalpur (78.83%) and Gubinda (75.36%).
- 62.83% of the respondents do not get early warning of flood.
- 63.97% of the respondents have no flood shelter within 5 kilometers of their residence.
- 83.77 % of the respondents lack awareness of IWRM.
- 41.35% of the respondents prefer to settle areas such as roads, higher grounds, embankments and temporary shelters during the flood.

A few preliminary graphs that have been prepared to this point are as follows.

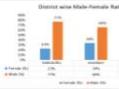
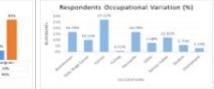









Table 4: Baseline Survey Activities in Kurigram District

Activity 4. Design Finalization for Notebook, Folder for PROVATi3 Project

Progress

The folder and notebook design for PROVATi3 Project have been finalized. After multiple discussions and meetings with DDM professionals, this design has been picked. These folders and notebooks will be distributed in the next training sessions of PROVATi3 project. The folder and notebook will work as a souvenir of the Provati project. A draft Price quotation for the folder, notebook, and pen has been submitted to DDM.



Activity 5. Preparation of Budget extension proposal for revised DPP

Progress

The process of the Budget extension DPP revision proposal is ongoing. The proposal includes a few new budget heads with an economic code. Within the current budget, extensions have been proposed in various required heads. The PROVATi3 Project may integrate this new budget extension into its research activities. The budget heads stated in the DPP are considered while making revised proposals, along with the existing budget.

The quarterly breakdown of the DDM-allocated sectors detailed in the DPP for the duration of the project is currently being carried on.

Activity 6. Preparation of Annual Procurement Plan

Progress

The preparation of an annual procurement plan for the acquisition of materials in accordance with the DPP Sector and Action Plan is ongoing. Deputy project Coordinator (ICT), Program Manager, and Finance & Admin Officer are responsible for this. The cost of procurement of furniture is to be met from the office complex sector (budget code 6821)

Activity 7. Preparation of Draft MoU with FFWC

Progress

Process of preparing draft Memorandum of Understanding between the Bangladesh Water Development Board (BWDB), Ministry of Water Resources, and the Department of Disaster Management, Ministry of Disaster Management and Relief (MoDMR) is ongoing. The implementation procedure for activities aligned with FFWC beyond the project time should be finalized after a meeting with FFWC. For enhancing collaboration with FFWC this MoU is required. It will help to strengthen the partnership between both the Government Departments and generate localized flood early warning for the PROVATi3 project DDM component.

Activity 8. Breakdown of activity and budget head aligned with DPP

Progress

The budget allocation and activities of the project are required to be distributed on a quarterly basis in accordance with the economic codes of DDM. This distribution has to be finalized by consulting with LGED. A discussion meeting about this issue is planned to be arranged during the first week of August.

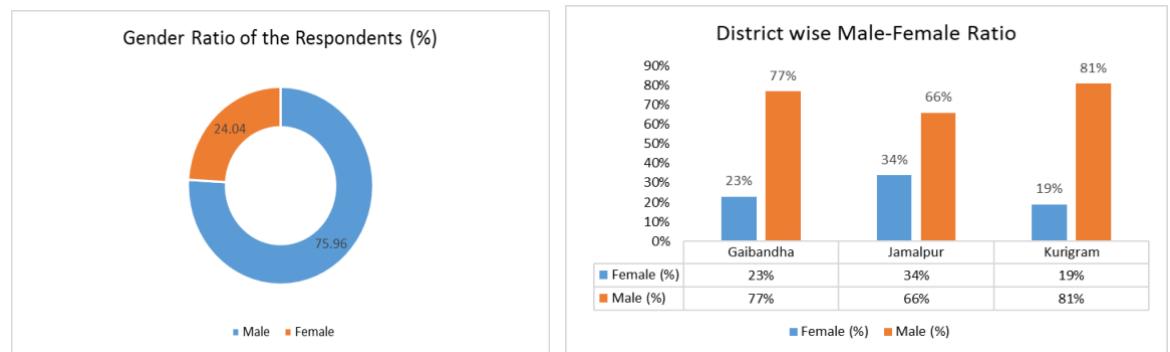
Activity 9. Preparation of Draft Baseline Report

Progress

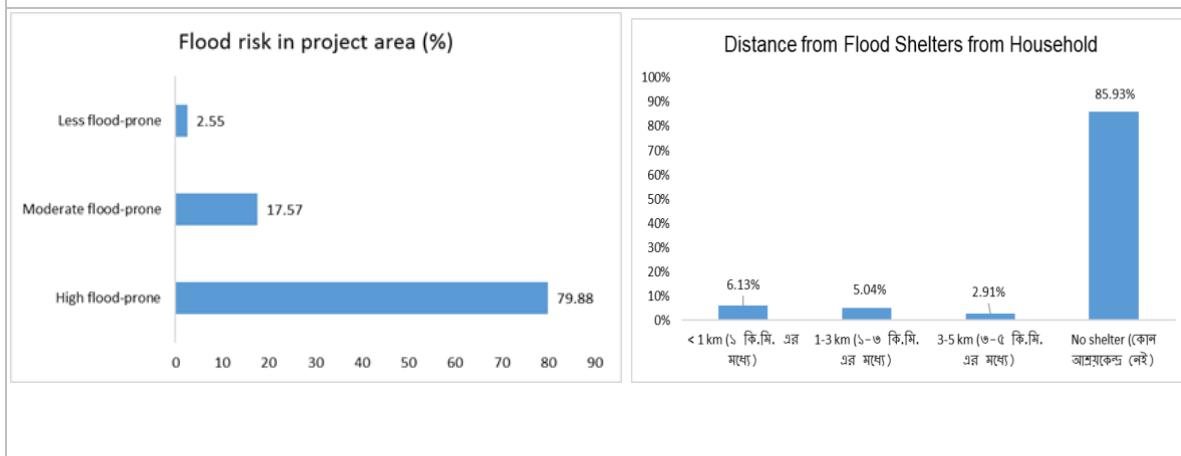
In accordance with contract agreement package 02 "Local Flood Early Warning Dissemination System", a draft baseline report has been prepared, and it is currently being reviewed. In this report, a detailed implementation strategy, methodology, hazard

characteristics of the project region, existing early warning, and preferred medium and other user needs are highlighted.

According to the methodology, it was planned that to have an equal ratio of males and females during taking response. But due to some constraints, the result came out different.



From questionnaire survey, KII and FGD, it is acknowledged that flood is the major disaster in those areas. And the majority think that they are at high risk of flood. Among all the participants of the survey, 97.65% of people consider floods as a major hazard in their locality and according to more than 79% of respondents, they live in an area that is highly flood-prone. To support the community people during the flood periods, an adequate number of flood shelters are required in each Upazila. Analysis shows that 85.93% of respondents don't have access to any institutional flood shelter.



Section C

Challenges & Overcome Strategy

- Since the world is experiencing the Covid-19 pandemic, it was another challenge. To overcome this challenge, following the proper Covid Health Protocol was the primary strategy
- As the field facilitator for Kurigram district has not been engaged yet activities at the field level are being hindered

- Existing field facilitators have been facing difficulties during their work since they have not been provided laptop computers to this date

Section D

Work plan for August 2022

- Conduct meetings and workshops to update and validate existing danger levels with BWDB
- Conduct a Technical Advisory Committee meeting for Presenting a draft analysis of the Baseline survey and most vulnerable union list
- Conduct a meeting with LGED on the breakdown of DPP
- Finalization of Draft Baseline Report
- Initialization of data collection process for DMC database development
- Initialization of onboarding process of Team Leader and Field- facilitator

Section E

Budgetary Reflection

N/A