

## Development of Local Flood Early Warning and Dissemination System

### PROVATi3 Project-DDM Component

**August 2022**

#### Monthly Progress Report

Regional Integrated Multi-Hazard Early Warning System (RIMES)

#### Section A

##### Progress Summary

- Monthly Progress Sharing Meeting of PROVATi3 project
- Submission of Draft Report
- Coordination Meeting with FFWC
- CV Evaluation Meeting
- Danger level consultation in Gaibandha Sadar
- DMC database follow-up in the field
- Discussion with LGED on revised DPP, financial reporting
- Most vulnerable union ranking preparation

#### Section B

##### Activity I. Monthly Progress Sharing Meeting of PROVATi3 project

##### Progress

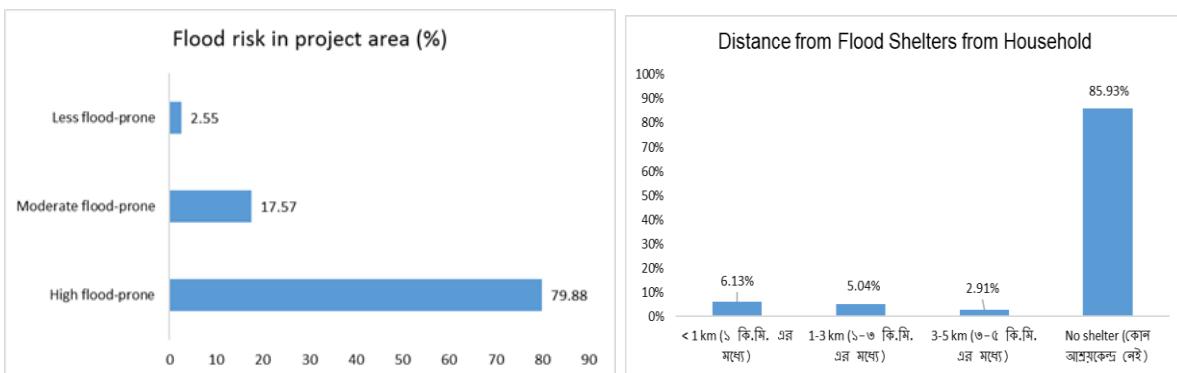
A monthly Progress sharing meeting of the PROVATi3 project-DDM component was held at DDM on 10 August 2022 with DDM, LGED, and RIMES professionals. The meeting took place to identify and discuss project progress and the issues that emerged as challenges in various activities of “Development of Local 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, and other officials of the PROVATi3 project participated in the meeting. The program manager started the discussion by highlighting the important discussions of the previous meeting. Activities for the following months were discussed in the meeting, including the preparation of a baseline report, preparations for arranging training, the installation of river gauges, and the appropriate implementation of the activities. A detailed discussion was held with the expert team of the Water Development Board to determine the danger level of the various unions in the project area and the location for the installation of gauges. In addition, there was a discussion regarding the holding of a technical

evaluation committee meeting to evaluate the CVs received for the appointment of the project field facilitator and team leader.

## Activity 2. Submission 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 the 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.

## Activity 3. Coordination Meeting with FFWC

### Progress

A coordination meeting of the PROVATi3 project-DDM component was held at DDM on 14 August 2022 with DDM, FFWC, and RIMES professionals. The purpose of the meeting was to discuss the several project activities that are closely correlated with the flood forecasting and warning center. Netai Chandra Dey Sarker, Director (MIM) & Project Coordinator, Provati3 Project-DDM Component, chaired the meeting while DPC (ICT), DPC (GIS), FFWC Executive Engineer, Program manager, and other officials of the project participated in the meeting. A

discussion is held about the further installation of new water level gauges in the project areas as well as a review of the flood danger levels of the existing gauges in those areas. Besides, this project requires the cooperation of FFWC for the technical development of inundation maps. A letter should be sent soon to the Water Development Board to discuss the areas of cooperation in project implementation.

Besides, Some of the activities of the SUFAL-II project are similar to the Provati project, such as the generation and dissemination of early warnings, conducting flood danger level review meetings of water level gauges at the field level, etc. Discussions were held on ensuring the participation of Provati3 Project-DDM component representatives in field-level activities conducted by the SUFAL-II Project to avoid duplication of similar activities.

#### Activity 4. Proposal Evaluation Committee meeting for Team Leader and Field Facilitator

##### Progress

A CV Evaluation Meeting of the PROVATi3 project-DDM component was held at DDM on 14 August 2022 with proposal evaluation committee members. Netai Chandra Dey Sarker, Director (MIM) & Project Coordinator, Provati3 Project-DDM Component chaired the meeting while, DPC (ICT), DPC (GIS), FFWC Executive Engineer, RIMES program manager, and other officials of the proposal evaluation committee members participated in the meeting. The purpose of the meeting was to evaluate the candidates' curriculum vitae that were submitted for the post of Project Field Facilitator and Team Leader. After reviewing the CVs received, all members submitted an immediate self-assessment report. Based of that assessment report, Md. Amirul Hossain and Md. Arefur Rahman got sufficient score for selection. According to the recommendation made by the evaluation committee, RIMES will proceed with the appropriate processes to nominate Md. Amirul Hossain as the team leader and Md. Arefur Rahman as Field Facilitator.

#### Activity 5. Danger level consultation meeting at Gaibandha

##### Progress

A danger level consultation meeting was organized by the FFWC, Bangladesh Water development Board in Gaibandha in 29 August. Program manager and Field Facilitator, Gaibandha participated in the consultation as a representative of the Provati3 Project. The discussion showed that when excessive flooding occurs, water gets logged inside the embankment area for 1–1.5 months, damaging agricultural land. So, community people demanded a switch gate in order to remove

stagnant water. It was recommended that a river gauge station should be set in Kamarjani Union between Fulchhari (19.35 m) and Gainbandha (21.70m) danger levels.



#### Activity 6. Data Collection follow-up of DMC Database

##### Progress

A Letter has been sent to Deputy Commissioners of Kurigram, Gaibandha and Jamalpur for the DMC database data collection signed by the Director General of DDM. It was mentioned to send the updated information Within 25 August in the prescribed format in both hardcopy and softcopy. In addition, the field facilitators regularly visited and communicated with PIOs to collect necessary data.

#### Activity 7. Most Vulnerable Union Ranking Preparation

##### Progress

Flood-prone, most vulnerable unions will be identified through three methodological approaches. A key person survey was conducted in the project unions with DRROs, PIOs, UNOs, and Upazila and Union chairman. These key persons provided their opinion based on historical data of floods of each union. They ranked a table of the most susceptible unions, according to the level of vulnerability they had encountered. They also expressed their views that if the union's selection is carried out in accordance with their vulnerability & the surrounding environment, the project will significantly assist the community's vulnerable parts. Along with key person surveys, satellite-based inundation and vulnerability maps will be prepared based on historical and secondary data. Overlaying these maps, unions can be grouped into high, medium, and low vulnerable groups. Output from key person interviews will support necessary information, and compiling all these data, vulnerable union ranking will be achieved.

Upazila	Union	Ranking by PIO	Ranking by UDMC	Upazila	Union	Ranking by PIO	Ranking by UDMC
Islampur	Belgachha	5	5	Saghata	Padushahar	3	5
	Chinaduli	4	5		Bharatkhal	4	5
	Noarpura	4	5		Saghata	5	5
	Sapdhori	5	5		Muktinagar	1	4
	Kulkandi	5	5		Kachuai	4	4
	Pathorshi	4	5		Ghuridaha	5	5
	Islampur Sadar	3	3		Holdia	5	5
	Palbandha	2	3		Jumarbari	5	4
	Goaler Char	1	2		Kamalerpara	2	5
	Char Goalini	2	2		Bonarpara	3	4
	Char Putimari	1	4				
	Gaibandha	1	4				

## 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 September Month

- Submission of Baseline survey report
- Organizing Technical Advisory Committee meeting
- Selection of tentative location for danger level consultation
- Finalization of most vulnerable union
- Sought out geospatial survey plan
- Progress sharing of DMC database development
- Planning for training schedule and material

## Section E

### Budgetary Reflection

N/A