

Development of Local Flood Early Warning and Dissemination System

PROVATi3 Project-DDM Component

October - December 2023

Quarterly Report

Regional Integrated Multi-Hazard Early Warning System (RIMES)

Section A

Progress Summary

- 7th Quarterly meeting and two monthly meeting of October and November 2023 at DDM of PROVATi3 Project-DDM Component
- Voice message broadcast for Sundarganj, Gaibandha
- Training on Flood Early Warning and Risk Management at Jamalpur
- Training on the DMC portal at Jamalpur
- DMC members WhatsApp number collection from the project area
- IFAD mission documentary preparation support
- Volunteer data collection from field
- Finalization of IEC material
- Meeting on Kiosk dashboard development
- Preparation of draft final locations of land gauge installation
- Resume of topographic survey at Jamalpur
- Meeting on developing FPP volunteer for flood prone district
- Technical advisory committee meeting on land gauge location finalization

Section B

Activity I. 7th Quarterly meeting (July-September 23) and monthly meeting of October and November of PROVATi3 Project-DDM Component

Progress

7th quarterly meeting was held at DDM on 29 October 2023 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”. Md Mijanur Rahman, Director General of DDM chaired the meeting. Project Coordinator, Deputy Project Coordinators (GIS & RM), Team leader, Program Manager, and other RIMES personnel joined the meeting. Field facilitators and LGED representatives attended the meeting via online. In the meeting, Program Manager discussed the activities of previous quarter, and then different project related issues such installation of river and land gauge, development of voice message portal, training on DMC portal, IEC material finalization etc were discussed in detail.

Future activities that need to be accomplished by the next quarter were also discussed in the meeting.

Monthly meeting of October and November was held at DDM on 6 November and 14 December of 2023 with DDM and RIMES professionals. Both meetings were chaired by Netai Chandra Dey Sarker, Project Coordinator and Director (MIM), DDM. All the activities and challenges faced during this months were discussed in the monthly meetings.



Activity 2. Training on DMC portal at Bakshigonj and Madargonj, Jamalpur

Progress

A Disaster Management Committee database was developed under this project with the technical support of RIMES containing the information (Name, phone no, designation, affiliation and email) of all level DMC members. Now, it contains all the DMC members' information of the project area which will be updated with the 64 district DMC member information. As this DMC committee reforms every year, it is important to update them from the root level or by respective DMC member. For this reason, representatives of each DMC



members need to be trained on how to search for DMC members list; update, edit or delete information, upload DMC meeting resolution or additional things of the portal. Two (02) training sessions held at Bakshigonj and Madargonj upazila on 18 and 19 October 2023. These programs were chaired by Netai Chandra Dey Sarkar, Director (MIM) and Project Coordinator of the PROVATi³ project-DDM component. Mobinur Rahman, ICT specialist demonstrated the portal use. Participants of the training

were UP secretary of respective unions, their office assistants, PIOs of respective upazilas and their secretaries, and UDC entrepreneur. Additional participants were DRRO and the secretary of the DRROs office, Paura Nirbahi Officer (PNO) and secretary of the PNOs office.

Activity 3. Training on Flood Early Warning and Risk Management at Jamalpur

Progress

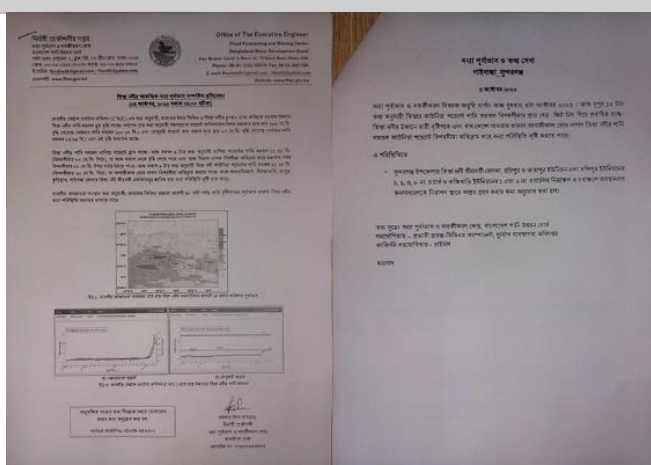
Two training have been held in Bakshigonj and Madargonj upazila of Jamalpur district on 18 and 19 October 2023. Honourable DG MD. Mijanur Rahman was the chief guest of the training and inaugurated the training session via online platform. The program was chaired by Netai Chandra Dey Sarkar, Director (MIM) and Project Coordinator of PROVATI³ project-DDM part. The training sessions were continued with upazila-level DMC members as participants including UNO, DRRO, UP chairman of respective upazilas and other members of union and upazila level DMC. DDM, BWDB and RIMES representatives serve there as trainers in different sessions. DMC members are trained up on basic disaster terminologies, flood early warning and their roles and responsibilities during disaster.



Activity 4. Voice message broadcast for Sundarganj, Gaibandha

Progress

Due to heavy rainfall in upper catchment area, flood occurred in areas closed to Teesta river. Belka, Haripur, Tarapur and Chandipur unions of Sundarganj upazila under Gaibandha district was also forecasted as flood risk zone. First ever voice message from this project was disseminated for this flood situation in Gaibandha district on 4 October 2023.



Then 2nd voice message was disseminated on 5 October on current flood situation. Early warning was generated using the information from FFWC and was sent to the DMC members, PIO of respective unions.

Activity 5. DMC members WhatsApp number collection from the project area

Progress

DMC members play crucial role in pre and post disaster activities. Under this project, DMC have been formed at every level according to Standing Order on Disaster 2019. But to maintain internal communication with warning dissemination team and other DMC member a common platform is needed. It will ensure timely and effective EWS and avoid information loss. So, It was decided to create whatsapp group for district and upazila level to maintain such communication. WhatsApp number of the project areas DMC members were collected by Field facilitators to create separate whatsapp group for separate zone.

DMC Whatsapp group number .xlsx					
District Level Whatsapp Group (Gaibandha District)					
SL. NO	Name	Designation	Whatsapp number	Remarks	
1	MD. Jewel Mia	NDC (Acting DRRO), Gaibandha	01700-716734		
2	MD. Zindar Ali	PIO, Gaibandha Sadar Upazila	01711-739542		
3	MD. Shahidujjaman	PIO, Fulchari Upazila	01724-094525		
4	Mithun Kundu	PIO, Saghata Upazila	01736-616044		
5	MD. Rezaul Karim	PIO, Sadullapur Upazila	01716-975467		
6	MD. Walif Mondal	PIO, Sundarganj Upazila	01700-717170		
7	MD. Nahiduzzaman	PIO, Polashbari Upazila	01716-611303		
8	MD. Zindar Ali	PIO, Gobindaganj Upazila	01711-739542		
9	MD. Faqur Arefin	Program Manager, Provati3 Project	01776-893896		
10	MD. Asif Mahmud Anik	GIS Specialist, Provati3 Project	01730-663184		
11	Anonna Roy	Communication Officer, Provati3	01568-067394		
12	MD. Saidur Rahman Khan	Regional Coordinator, Provati3 Project	01676-839331		
13	Jayed Hossain	Field Facilitator, Provati3 Project	01681-796413		
Fulchari Upazila DMC Whatsapp Group					
SL. NO	Name	Designation	Whatsapp number	Remarks	
1	G.M Selim Parvej	Upazila Chairman	01723-817511		
2	MD. Shahidujjaman	PIO	01724-094525		
3	MD. Saidur Rahman Khan	Regional Coordinator, Provati3 Project	01676-839331		
4	Jayed Hossain	Field Facilitator (Gaibandha), Provati3 Project	01681-796413		

Activity 6. IFAD mission documentary preparation support

Progress

IFAD team was preparing a documentary on field level project activities. As a part of their visit to Bangladesh, the team visited DDM and received a hands-on demonstration on how topographic survey data is being processed, and how voice messages are recorded and



disseminated. They made a video shoot on project activities for documentary.

Activity 7. Volunteer data collection from field

Progress

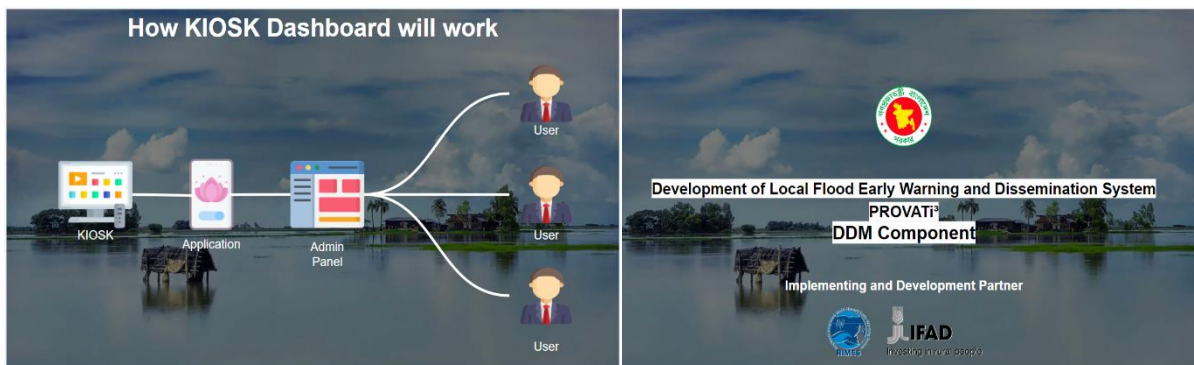
One of the activity of this project is to capacity build-up of volunteer in the project area. Under this activity, at least 35-40 volunteers from each upazila will be trained to provide support before, during and after flood. Field facilitators are now collecting information of local volunteers and keeping records of them.

Regional Multi-Hazard Early Warning System (RIMES)									
PROVATI Project-DDM Component									
Volunteer list of Jamalpur district									
Date: 16.11.2023									
Sl #	Upazila	Union	Village	Name	Designation	Contact #	Type of Volunteer	Organization	Remarks
1	Islampur	Sapdhori		Afroza	Volunteer	01781121466	Paid Volunteer	SUFAL II, IRB	
2	Islampur	Sapdhori		Amirul Islam	Volunteer	01738128797	Paid Volunteer	SUFAL II, IRB	
3	Islampur	Sapdhori		Md. Mizanur Rahman	Volunteer	01581062862	Paid Volunteer	SUFAL II, IRB	
4	Islampur	Sapdhori		Md. Babu Mia	Volunteer	01630859078	Paid Volunteer	SUFAL II, IRB	
5	Islampur	Sapdhari	Projapoti Char	Md. Sha Alam	Local Service Provider	01768975124	Nonpaid Volunteer	M4C Project, NDP	
6	Islampur	Sapdhari	Char Sisua Bazar	Md. Mizanur Rahman	Local Service Provider	01401700736	Nonpaid Volunteer	M4C Project, NDP	
7	Islampur	Sapdhari	Mondol Para	Md. Faridul Haque	Local Service Provider	01709207441	Nonpaid Volunteer	M4C Project, NDP	
8	Islampur	Kulkandi		Sagor Ahmed	Volunteer	01893116370	Paid Volunteer	SUFAL II, IRB	
9	Islampur	Kulkandi		Md. Wajed Ali	Volunteer	01955491413	Paid Volunteer	SUFAL II, IRB	
10	Islampur	Kulkandi		Jayeda Akter	Volunteer	01927505251/ 01765609845	Paid Volunteer	SUFAL II, IRB	
11	Islampur	Kulkandi		Monir Hossain	Volunteer	01924919858	Paid Volunteer	SUFAL II, IRB	
12	Islampur	Kulkandi	Kulkandi Akando Para	Md. Mahamud	Local Service Provider	01727911354	Nonpaid Volunteer	M4C Project, NDP	
13	Islampur	Kulkandi	Muradabad Bazar	Md. Altaf Hosen	Local Service Provider	01713568213	Nonpaid Volunteer	M4C Project, NDP	
14	Islampur	Kulkandi	Mazipara, Kulkandi	Sohel Rana	Local Service Provider	01712222632	Nonpaid Volunteer	M4C Project, NDP	
15	Islampur	Kulkandi	Sorapatamora Kulkandi	Md. Sofiqul Islam	Local Service Provider	01736328697	Nonpaid Volunteer	M4C Project, NDP	
16	Islampur	Kulkandi	Jarultola Bazar	Md. Atikur Rahman	Local Service Provider	01923133339	Nonpaid Volunteer	M4C Project, NDP	
17	Islampur	Noarpara	Ulia Bazar	Jakaullah	Local Service Provider	01731262985	Nonpaid Volunteer	M4C Project, NDP	

Activity 8. Meeting on Kiosk dashboard development

Progress

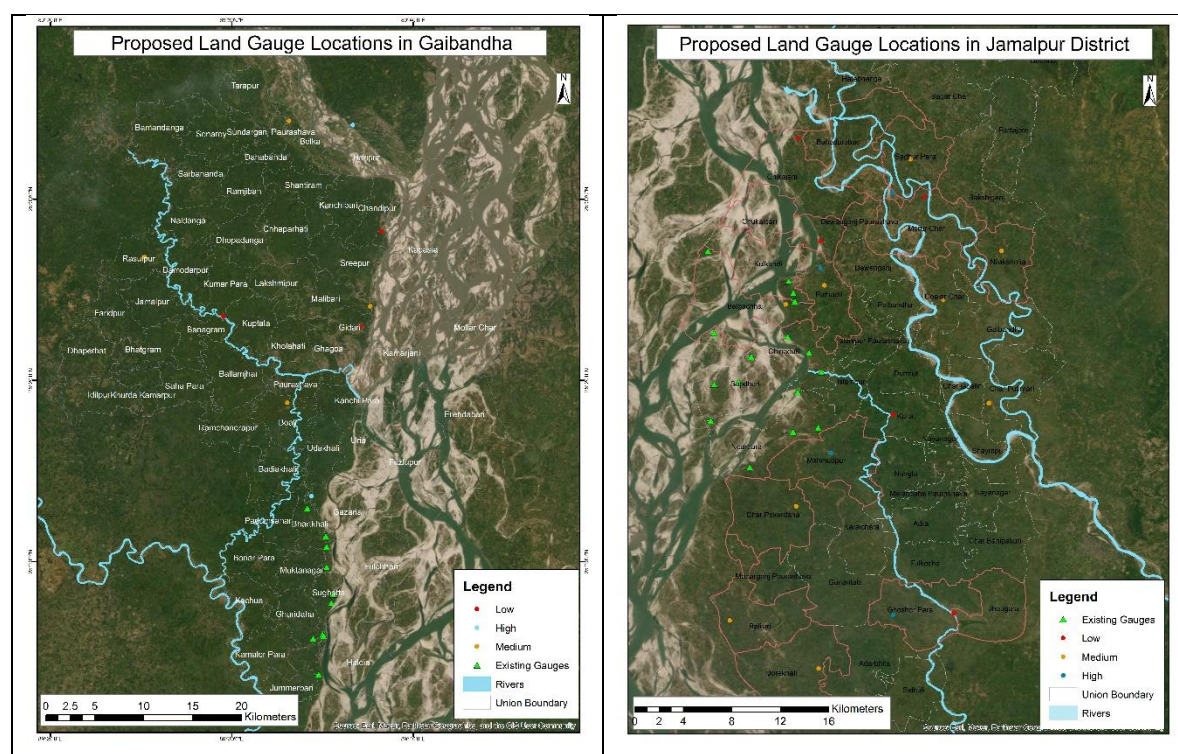
A meeting on Development of Kiosk Dashboard held on 23 November at DDM. The meeting was chaired by Director (MIM) and Project Coordinator of PROVATI3 project-DDM component. Deputy project coordinator (GIS-RM), program manager, and RIMES officials were presented in the meeting. ICT specialist demonstrated how the dashboard will function and its outlook. Participants shared their ideas and inputs and a few corrections for kiosk dashboard which will be addressed soon.



Activity 9. Preparation of draft final locations of land gauge installation

Progress

Provati3- DDM Component has provision of installing 60 flood plain gauges/land gauges in the study area. The preliminary locations of their deployment were proposed by local level consultation with public representatives. Upon considering 181 suggested points from the field, draft maps containing 60 land gauge locations across 3 districts have been prepared. These locations shall be finalized upon the decisions from Technical Advisory Committee meeting.



Activity 10. Topographic survey at Jamalpur

Progress

Through topographic survey, digital elevation model data are being collected of vulnerable areas near Brahmaputra-Jamuna. After completion of taking DEM data from Gaibandha district, data collection have been started in Jamalpur. But it remain paused for 6 months as monsoon started which is now resumed. Topographic survey is now ongoing at Jorekhali, Gunaritala of Madarganj upazila. In December 2023, 23.5 square km DEM data have been collected.

Activity 11. Meeting on development of national level FPP volunteer

Progress

A meeting was held on 31 December 2023 at DDM on development of Flood Preparedness Program (FPP) volunteer for the flood prone areas of Bangladesh. The meeting was chaired by Md Mijanur Rahman, Director General, DDM. The main participants of the meeting was NGO representatives who works in flood prone areas of Bangladesh and have volunteer under their project. In the meeting, role of volunteer in flood risk management and response was discussed and NGO representatives shared the volunteer list under their organization. Meeting chair directed to form a technical working group to develop a concept note for FPP development.



Activity 12. Technical Advisory committee meeting

Progress

4th technical advisory committee meeting was held on 31 December 2023 at DDM. The meeting was chaired by Netai Chandra Dey Sarkerk, Project Coordinator and Director (MIM), DDM. TAC member from University of Dhaka, Bangladesh Meteorological Department were

presented in the meeting physically. One member from Institute of Water and Flood management also attended the meeting via online platform. In the meeting, proposed 60 location of land gauges were displayed and gave justification. TAC member gave their comments on selected gauge location and also on IEC material which will be reviewed.



Section C

Challenges & Overcome Strategy

- Topographic survey need to be completed during 2024 to develop forecast based inundation mapping. To fulfil the target, 2nd team of surveyor should be deployed.

Section D

Work plan for January-March 2024

- Conducting of training on flood early warning and risk management for DMCs in project area
- DMC portal training continuation
- Land gauge installation
- Continuation of Topographic survey
- National level training on flood early warning and risk management.