

ONLINE TRAINING EVENT

Orientation on Community Based Flood Early Warning System

7–9 October 2020 | Microsoft Teams

Background

The Community Based Flood Early Warning System (CBFEWS) is an integrated system of tools and plans managed by and for communities. It provides near real-time early warnings when rising flood waters are detected. The warning information is transmitted to caretakers who disseminate the information to the rest of the community, government line agencies, and stakeholders. Although the detection of flood risk and its communication to vulnerable communities are driven by technology, the functioning of the CBFEWS lies in a people-centered approach to flood response. CBFEWS has been piloted by ICIMOD and its partners in Afghanistan, India, Nepal, and Pakistan.

ICIMOD and Save the Children are collaborating to enhance the long term resilience of communities, including children, by enhancing their ability to prepare and respond to flash floods. The aim of this collaboration is to create an enabling environment for sustained implementation of CBFEWS through institutional capacity building, community mobilization, and the delineation of roles and responsibilities among the collaborating partners – including local government line agencies – for the effective implementation and sustainability of the project.

ICIMOD is leading an online CBFEWS orientation for members of the Save the Children team covering its four basic elements – risk knowledge and scoping; community-

based monitoring and early warning; dissemination and communication; and response capability and resilience. The orientation, being hosted online due to the COVID-19 pandemic, will also include a session on equipment operation. Participants will be guided through community risk and vulnerability assessment procedures and taught how to develop reliable and efficient communication networks encompassing caretakers, concerned agencies, and communities for efficient dissemination of flood warnings.

ICIMOD and Save the Children are conducting the training with support from Sustainable Eco Engineering (SEE), Nepal.

As an output of the orientation, the participants will be able to:

- Understand the working modality of CBFEWS based on its four elements with a focus on the integration of the sustainability module
- Conduct community risk and vulnerability assessment procedures
- Select a CBFEWS caretaker and information recipients in line with selection criteria
- Develop and maintain reliable and efficient communication networks encompassing the caretaker, information recipients, and concerned agencies
- Work with local line agencies for preparedness and the enhancement of the response capabilities of the vulnerable communities

Agenda

Time: 7–9 October 2020

DAY 1 (AFTERNOON): RISK KNOWLEDGE AND INSTRUMENTATION

| Time | Particulars | Remarks |
|--|--|--|
| 13:30–13:40 | Registration Familiarization with Microsoft Teams | Govinda Shrestha, ICIMOD |
| Session 1: Opening session | | |
| 13:40–14:30 | Welcome remarks and presentation by Arun Bhakta Shrestha , Regional Programme Manager, River Basins and Cryosphere, ICIMOD (10 minutes) Remarks by Ajay Kant , Associate Director, Eastern Field Office, Save the Children representative (5 minutes) Brief introduction of the participants (10 minutes) Brief overview of the objectives and agenda by Kanchan Shrestha , Programme Coordinator, Koshi Basin Initiative, ICIMOD (5 minutes) Conceptual framework of CBFEWS and its implementation by Neera Shrestha Pradhan , ICIMOD (15 minutes) Remarks by Krishna Bahadur Katuwal , Chief District Officer, Mahattori (5 minutes) | Kanchan Shrestha, ICIMOD |
| Session 2: Risk Knowledge and scoping | | |
| 14:30–15:30 | Flood risk assessment Know your river (hydrology) Field reality check by representative by Hajra Shabnam , Technical Coordinator, Save the Children | Pradeep Dangol and Vijay Khadgi, ICIMOD |
| 15:30–15:45 | Break | |
| Session 3: Monitoring and warning | | |
| 15:45–16:00 | Site selection criteria Caretaker selection criteria | Vijay Khadgi and Pradeep Dangol, ICIMOD |
| 16:00–17:00 | Introduction to the CBFEWS instrument and its parts CBFEWS functions Calibration, operation, monitoring, and maintenance of instrument | Narendra Bajracharya, Shailendra Shakya, ICIMOD and SEE representative |

DAY 2 (MORNING): NETWORKING AND PREPAREDNESS

| Time | Particulars | Remarks |
|--|--|---|
| 9:30–9:45 | Registration | Govinda Shrestha, ICIMOD |
| Session 4: Dissemination and communication | | |
| 9:45–11:15 | Key stakeholders and communication channels Roles and responsibilities Stakeholder's mapping Group work (30 minutes) <ul style="list-style-type: none">Exercise on communication chartPresentation and interaction | Vijay Khadgi and Neera Shrestha Pradhan, ICIMOD |
| 11:15–11:30 | Break | |
| Session 5: Response capability and resilience | | |
| 11:30–13:00 | Response capability and resilience building Group discussion and presentation by the Save the Children team <ul style="list-style-type: none">What is the team already doing to strengthen flood preparedness, and what more can be done with CBFEWS in the picture?A presentation by Shubha Kamana Mandal, Senior Project Coordinator, Save the Children | Vijay Khadgi, Neera Shrestha Pradhan, and Shailendra Shakya, ICIMOD |

DAY 3 (MORNING): SUSTAINABILITY

| Time | Particulars | Remarks |
|--|---|---|
| 9:30–9:45 | Registration | Govinda Shrestha, ICIMOD |
| Session 6: Sustainability | | |
| 9:45–11:15 | Sustainability mechanism Sustainability approach of projects implemented by Save the Children by Shubha Kamana Mandal , Save the Children Possible sustainability mechanism in the context of CBFWS in Jangha River by Shubha Kamana Mandal , Save the Children | Vijay Khadgi and Neera Shrestha Pradhan, ICIMOD |
| 11:15–11:30 | Break | |
| Session 7: Action point and plans | | |
| 11:30–12:00 | Action points and plans for field implementation by Sanjeeb Kumar Shakya , Humanitarian Manager, Save the Children/ Surmila Shakya , Humanitarian Coordinator, Save the Children | Sanjeeb Kumar Shakya (Save the Children) and Neera Shrestha Pradhan, ICIMOD |
| Session 8: Closing session | | |
| 12:00–12:30 | Remarks by Mandeep Kumar Thapa , Armed Police Force Nepal (Number 39 Reserve Gan, Mahottari) Remarks by Chandra Prasad Adhikari , Disaster Risk Reduction Focal Person, Bardibas Municipality Remarks by Virendra Thagunna , Director of Programme Operations and Field management, Save the Children Remarks by Kanchan Shrestha , ICIMOD | Kanchan Shrestha, ICIMOD |

Rapporteurs: Govinda Shrestha and Shailendra Shakya

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