



High-level Consultation on FFWC DSS

04 May, 2025 | Dhaka, Bangladesh

Organized by: Regional Integrated Multi-Hazard Early Warning System (RIMES)

Concept Note

1. Introduction and background

Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES) in Bangladesh has been supporting various institutions in developing climate resilience based on early warnings, weather and climate forecasts, climate products, and advisories. It supports national hydro-met service providers and local level institutions in the research and development of forecasting and warning services. In this connection, it has developed several Decision Support Systems (DSSs) for the climate, agriculture, and livestock sectors. Besides, RIMES provides technical support to the relevant government institutions including Bangladesh Meteorological Department (BMD), Bangladesh Water Development Board (BWDB), FFWC, Department of Livestock Services (DLS), and Department of Agricultural Extension (DAE).

FFWC generates and provides flood forecast and warning information to enhance the disaster management capacity of national agencies and communities using the best scientific principles, real time data, weather forecast information and mathematical models. It works with partners for continuous updating and improvement of Flood Forecasting and Warning Services (FFWS) and capacity of professionals for better services. It aims to be recognized as a center of emergency response through FFWS to minimize or mitigate loss of life and damage of properties in a more effective manner through enhanced capacity of agency and community for disaster management and to meet national needs of disaster risk reduction.

Under strengthening national level sectoral DSSs and providing technical support to FFWC, RIMES and FFWC have been jointly organizing discussion sessions, workshops, trainings, and meetings to get inputs on the development, upgradation, and operations and maintenance of the system and to build necessary capacity. The Climate Adaptation and Resilience (CARE) for South-Asia Project is supporting the initiative. supported by the World Bank, CARE for South Asia Project is a 5-year initiative, from 2020 to 2025, that aims to contribute to an enabling environment for climate-resilient policies and investments in the region. Component 1, focused on promoting evidence-based climate-smart policies and investments, is implemented by the Regional Integrated Multi-Hazard Early Warning System (RIMES).

Component 1, involves the development of regional Resilience Data and Analytics Services (RDAS)¹ for the region, and decision-support systems (DSSs)² for selected sectors of agriculture, water, transport, planning, and disaster risk management in Bangladesh, Nepal, and Pakistan. Component 1 also includes capacity development of users of these systems and their products, and supports the South Asia Hydromet

¹ The RDAS is a cloud-based open-access platform for acquiring, storing, managing, processing, analyzing, visualizing, and reporting climate and socio-economic data/information, for use in screening climate risks to inform investments.

² DSSs are sector-specific systems, linked to the RDAS, and for assisting users in sectoral planning and decision-making.



Forum (SAHF)³, for a holistic approach to user-centric generation and application of climate information in plans and decisions.

This High-level consultation on FFWC DSS Products Application will support scope of enhancement, upgradation of the system within project timeline.

2. Objectives

As part of the activities under **1.2.1 c) Technical support to FFWC for Trainings on tools DSS Operations & Maintenance and DSS Products Application:**

- Present and demonstrate the application of the features, tools, and services of FFWC DSS
- Present and demonstrate the upgradations made to the FFWC DSS and the future scope of enhancement for its tools and features within the project timeline.
- Obtain feedback & system evaluation on FFWC DSS.

3. Date and time

- **Date:** May 4, 2025
- **Time:** 10:30 – 13:00 BST
- **Location:** Flood Forecasting and Warning Centre, Bangladesh Water Development Board, Pani Bhaban, Level: 2, Block: G, Office: 214, Panthapath, Dhaka-1205, Bangladesh

³ SAHF is a convergence of NMHSs in South Asia for sharing knowledge, building capacity, and aligning national level technical assistance with regional engagement.



4. Program outline

4.1 Agenda

#	Time	Session*	Presenter/ Facilitator*
Part I: Opening Session			
1	10:30 – 10:45	<ul style="list-style-type: none"> Welcome Round of introductions Pre-training assessment 	RIMES
2	10:45 – 11:00	Inaugural address by Chief Guest	BWDB
Part II: Training on DSS O&M and Products Application			
3	11:00 – 12:40	<ul style="list-style-type: none"> demonstration on the application of the features, tools, and services of FFWC DSS Presentation and demonstration on the upgradations made to the FFWC DSS and the scope of enhancements for its tools and features within project timeline Q&A, discussion, and suggestions from users. 	RIMES
Part III: Closing Session			
4	12:40 – 12:50	System evaluation, post-training assessment	Participants
5	12:50 – 12:55	Closing remarks	FFWC/ BWDB
6	12:55 – 13:00	Vote of thanks	RIMES/ FFWC
	13:00	<i>Lunch</i>	

4.2 Participants

Description	# of Persons
Guests (FFWC/ BWDB Officials)	3
FFWC/ BWDB Officials (Participants)	22
RIMES staffs	8
Total	33