



PLANNING WORKSHOP ON
**Impact-Based Forecasting and
Climate Services**

21–24 January 2025 | Bangkok, Thailand

CONCEPT NOTE & AGENDA



Planning workshop on Impact-Based Forecasting and Climate Services

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Background

The South Asia Hydromet Forum (SAHF) facilitates regional collaboration among its member countries: Afghanistan, Bangladesh, Bhutan, India, Maldives, Myanmar, Nepal, Pakistan, and Sri Lanka. Regional Integrated Multi-Hazard Early Warning System (RIMES) is the technical secretariat to the SAHF. The 3rd SAHF Executive Council meeting (December 2023) and subsequent SAHF IV conference (February 2024, see Annex A) agreed to deepen and broaden its activities in priority areas, including Impact Based Forecasting (IBF) and climate services. The SAHF IBF Working Group (WG), established in 2021 provides a mechanism to support regional training, learning and knowledge exchange amongst NMHSs and key users of services across South Asia.

Impact Based Forecasting: Development and capacity building of IBF approaches has been identified as one of the key priorities for SAHF. Since 2019 a number of partner initiatives such as UK MET Office through ARCC/ WISER and World Bank through SAHF Phase 1 and CARE Project have been supporting SAHF IBF . Based on agreements of the SAHF IBF WG meeting (Bangkok, Thailand, 31 July 2024) and climate services side session at SAHF IV (Colombo, Sri Lanka, 8 February 2024) the proposed IBF Workshop to be held in Bangkok from 21-24 ,2025 will have following objectives and outcomes

Climate Services and IBF Link: The last two days of the workshop will be dedicated on NFCS and its link with IBF within the framework GFCS.

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IBF Sessions

Objectives

- Further develop key priorities for the IBF working group, informed by strategic direction from the SAHF EC, outcomes of SAHF IV, and subsequent priorities identified by the working group.
- Take stock of IBF development, needs, opportunities and priorities in SAHF Member Countries, with a view to piloting common hazard/s and approaches across the region.
- Translate priorities into a clear implementation plan(s) for the SAHF IBF working group to enable allocation of partner / programme resources over 2025-28.
- Agree roles of SAHF IBF WG member countries, regional and international partners in supporting delivery of the IBF implementation plans.
- Initiate development of toolkit approach to support the design, development, implementation and sustainability of IBFEWS in the region, under SAHF
- Establish IBF link with Climate Services

Expected Outcomes

1. Development of clear, resourced implementation plan(s), with defined roles and responsibilities of members and partners addressing priorities of the SAHF IBF WG for the period 2025-28. Aligned and linked to other SAHF WG priorities and plans.
2. Establishment of a regional framework 'toolkit' approach to support implementation, mainstreaming, and sustainability of IBF across South Asia and in SAHF Member Countries.
3. Agreement and initiation of 'piloting' and knowledge sharing mechanisms across common hazard/s and geographies across the South Asia region.
4. IBF link with Climate services established.
5. Informing paper for approval by SAHF EC.

Climate Services Sessions

Objectives

- Improve understanding of availability, application and needs for climate services, at different scales.
- Stock-take of National Frameworks for Climate Services (NFCS), and identification of opportunities and barriers to advance NFCS development, including role of NMHSs.
- Informed by the above, identification of key priorities for a climate services component under SAHF.
- Agreement of an interim climate services WG.

Expected Outcomes

1. Improved understanding of climate services in the South Asia region and identification of initial priorities and outline work plans SAHF.
2. Climate services WG established with agreed roles and responsibilities.
3. Informing paper for approval by SAHF EC.

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WORKSHOP AGENDA

DAY 1

Session Chair: **Ms. Helen Caughey**, UKMO

09:00 Welcome Messages
Dr. K.J. Ramesh, RIMES
Mr. David Corbelli, UKMO

09:15 Introductions
Mr. Raihanul Haque Khan, RIMES

09:45 Workshop Overview and Objectives

10:15 Coffee Break

Progress of Regional and National plans and priorities for IBF Development

- Review of current IBF WG priorities
- Review of available DSS to support IBF
- Poster presentations
- Interactive Session: Potential solutions to crowdsourcing challenges identified

12:30 Lunch Break

Session Chair: **Dr. Anshul Agarwal**, RIMES

13:30 Progress of Regional and National plans and priorities for IBF Development (continuation)

15:30 Coffee Break

Regional and national coordination with institutions supporting SAHF and other fora/platforms in the SAHF geography

16:00 **Dr. Giriraj Amarnath**, IWMI
Dr. Sanjay Srivastava, UN ESCAP
Dr. Jothiganesh Shanmugasundaram, WFP
Mr. Birendra Bajracharya, ICIMOD
Dr. Senaka Basnayake, APDC

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WORKSHOP AGENDA

DAY 2

Session Chair: **Mr. David Corbelli**, UKMO

09:00 Review and Summary from Day 1
Ms. Helen Caughey, UKMO

09:30 Understanding Key Hazards, Challenges, and Capabilities
Ms. Helen Caughey, UKMO

10:45 Coffee Break

11:00 NWP WG Priorities and Plans
Mr. Quamrul Hassan, Deputy Director- BMD / Co-Chair NWP WG

11:45 Capacity Enhancement WG Priorities and Plans
Ms. Monju Subba, Senior Hydromet Officer - NCHM / Co-Chair CE WG

12:30 Lunch Break

Session Chair: **Dr. Sanjay Srivastava**, UN ESCAP

13:30 SAHF and Other Regional Platforms
Mr. Jochen Luther, Technical Coordinator Services - WMO

14:00 Introduction to IBF Toolkit Approach through Interactive Exercises
Ms. Helen Caughey, UKMO

14:45 Coffee Break

15:00 Role of human in decision-making / value-added services
Ms. Helen Roberts, Social Meteorologist - UKMO

15:30 Introduction to IBF Toolkit Approach through Interactive Exercises (Part 2)
Mr. Tony Wisson, UKMO

16:45 Summary and Wrap-Up

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WORKSHOP AGENDA

DAY 3

Session Chair: **Ms. Ruby Rose Policarpio**, RIMES

09:00 Discussion on IBF Toolkit Development

09:45 IBF Workplan Development

12:30 Lunch Break

Session Chair: **Dr. K.J. Ramesh**, RIMES

13:30 Resourcing, WISER AP mechanisms and process, and GESI approaches and considerations

15:30 Presentation of IBF Workplan Development

16:30 Summary and Wrap-Up

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WORKSHOP AGENDA

DAY 4 (Climate Services)

Session Chair: **Dr. Rupa Kumar Kolli**, Former WMO

09:00 Introduction and scene-setting

09:30 Interactive Session: Roles in Climate Services

10:00 Visioning Exercise: South Asia Climate Services in 2030

10:40 Coffee Break

11:00 Targets for the SAHF WG for Climate Services

12:30 Lunch Break

Session Chair: **Mr. David Corbelli**, UKMO

13:30 Interactive Session: Deep Dive on WG Priorities

14:45 Coffee Break

15:00 Practical Decisions and Make-Up of WG

16:00 Closing Messages

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HELPFUL LINKS

Workshop Documents



bit.ly/SAHF-IBFCSWorkshop

Feedback Form



bit.ly/SAHF-IBFCSWorkshopFeedback

SAHF Website



<https://www.sahf.info/>

Note: Presentations will be posted on this website after the workshop, and upon approval of resource persons