

SERCOM- Standing Committee on Hydrological Services (SC-HYD)

Among SC-HYD milestones for 2024-2028:

Guidelines on Impact-based forecasting and early warning for hydrology (initially to be focused just on floods, but expanded the scope, to both floods and droughts acknowledging their continuum. Addressing their similarities and differences, and contributing to Activity B.8.2 and C.5 of the WMO Plan of Action for Hydrology 2022–2030

Steps achieved: associate experts from all RA, involved in operational F and EW –floods and droughts as well as researchers have joined the effort. Communication is central for IBF and EW for Hydrology, so communication associate experts have also joined the group.

Table of contents was prepared in 2023.

First Draft is due in Dec 2024. Additional associate experts for specific items and for peer review to be added as necessary. Final Document – 2025. Publication- 2026

- *These guidelines will mostly address the needs of hydrologists of NMHS or NHS to develop and implement IBF and EW service for hydrology.*
- *They acknowledge that the starting point and priorities for WMO Member and their services are different, and that all can start somehow to implement IBF and EW for hydrology in their own ways.*
- *The guidelines will provide key concepts, practical steps to follow, and case studies to illustrate them.*
- *Synergies/possible merging with SC-HYD Milestone “Guidelines on communication for hydrological information with respect to forecasting results and related risks”, that include identifying users’ requirements and their risk perception as well as communication and dissemination tools.*