

# **Outcome of EC-73 in connection with the work of the Panel Report on Hydrology and Water Resources/HCP**



**WMO OMM**

World Meteorological Organization

Organisation météorologique mondiale

EC-CDP-3

15 and 16 September 2021

# Outcomes of EC-73 related to hydrology

EC-73:

- Recommended to Congress the adoption of the WMO Vision and Strategy for Hydrology and its associated Action Plan
- Requested HCP to...conduct a series of workshops to present the Vision and Strategy and its associated Plan of Action to RAs and Members using RAs fora for Hydrological Advisers and pre-Cg-Ext.(2021) consultation meetings
- Decided to endorse the draft WMO Water Declaration
- Noted the Secretary-General's initiative to co-organize the Water and Climate Coalition
- Requested the Chair of HCP... to facilitate a consultative process with the PRs, Presidents of RAs and TCs, Chair of the RB, Chair HCP and National Hydrological Advisers for the purpose of finalizing and familiarizing the above-mentioned parties with the draft Declaration for consideration at Cg-Ext.(2021)

## Cg-Ext (2021) documents related to hydrology

- Doc. 3.1 WMO Vision and Strategy for Hydrology and its associated Plan of Action
- Doc. 3.1(2) Advanced implementation of elements of the Plan of Action for Hydrology
- INF. 3.1 Report of the Hydrological Assembly (finalized during the session)
- Doc. 3.2 WMO Water Declaration
- INF. 3.2 Water and Climate Coalition



# Doc. 3.1 - WMO Vision and Strategy for Hydrology and its associated Plan of Action

- Cg-18 adopted **8 long-term ambitions (LTA) for hydrology** and requested EC to develop, with the support of HCP, a WMO Vision and Strategy and associated Plan of Action for hydrology for consideration of Cg-Ext (2021) (Res. 24; Cg-18)
- Open consultations on Members needs and gaps (Sep-Oct 2020) and on elements of the draft Plan of Action (May-June 2021) were held
- The Plan of Action is structured around the LTAs detailing the outputs, activities, measures of success, assumptions and risks related to each LTA
- The timeline of the Plan of Action is 2022-2030

- (a) No one is surprised by a flood;
- (b) Everyone is prepared for drought;
- (c) Hydro-climate and meteorological data support the food security agenda;
- (d) High-quality data supports science;
- (e) Science provides a sound basis for operational hydrology;
- (f) We have a thorough knowledge of the water resources of our world;
- (g) Sustainable development is supported by information covering the full hydrological cycle;
- (h) Water quality is known;



# Vision statement

*'By 2030 a cooperative global community is successfully addressing the growing challenges related to hydrological extremes, water availability and quality, and food security, by advancing operational hydrology through enhanced science, infrastructure, **capacity building** and related services, in the context of sustainable development and enhanced resilience.'*

# Doc. 3.1(2) - Advanced implementation of elements of the Plan of Action for Hydrology

**Noting** that several elements of the Action Plan are already in an advanced state of implementation, **Cg Decides**:

- 1) To endorse the WMO Hydrological Research Strategy 2022-2030: “Operational Hydrology Research Priorities”, which was prepared by the Research Board as a fundamental element that underpins the whole Plan of Action for Hydrology, and lays out concrete steps for the way forward to achieve Long Term Ambition “*Science provides a sound basis for operational hydrology*”;
- 2) To approve the Sustainability Strategy for the Flash Flood Guidance System with Global Coverage (FFGS/WGC);
- 3) To approve the End of Pilot Phase Report of the WMO Hydrological Status and Outlook System (HydroSOS);
- 4) To close the HydroSOS pilot phase and to start operationalising the global HydroSOS through regional implementation plans led by the Regional Associations based on the recommendations on the way forward



# How can EC-CDP contribute?

- All the documents mentioned have important capacity development implications, including the Water Declaration (at a political level)
- Initial discussions with Chair of ET on Capacity Development through WMO Technical Departments (CDP-ET-TDs) on how CDP can contribute to the implementation of the Plan of Action

## Initial ideas:

- Training workshops dedicated to interested RTCs on the use of portal being developed on interoperable technologies, including models and platforms, for flood forecasting
- Discussions on how to integrate in academic curricula the most recent outcomes of the TCs work in the area
- Initial brainstorming meeting CDP-ET-TDs and SC-HYD is being planned



# Thank you



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