

Hydrological Status and Outlook System (HydroSOS) and the Status of Water Resources Report for making ‘more’ and ‘better’ water information globally available

Section 1: General Information	
Summary	HydroSOS will inform planning, decision and policy-making, addressing current gaps in the availability of hydrological information which is crucial for empowering stakeholders across socioeconomic sectors which depend on water. The initiative will enhance the capacities of countries to produce hydrological status assessments and outlooks at seasonal to sub-seasonal scale and release a yearly global report presenting an overall status of the water resources.
Proponent Name(s)	World Meteorological Organization (WMO), UK Center for Ecology and Hydrology (UKCEH), National Hydro-meteorological Services
Proponent Type	UN Agencies
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Region	Mediterranean

Section 2: Commitment	
Linkages to SDG 6	Implement Integrated Water Resources Management
Target	<p>The initiative focuses on implementing HydroSOS at various scales (regional, national and global) by assessing existing capacities, further developing those capacities and technical applications, and establishing WMO HydroSOS Centers embedded within the WMO Integrated Processing and Prediction System (WIPPS).</p> <p>HydroSOS empowers national and international water management and catalyzes international cooperation through trusted water data, assessments, and outlooks. Improved global water information through HydroSOS will accelerate the implementation of the SDGs by fostering international and regional cooperation among countries and ministries.</p> <p>Shared information products will support decision-makers and river basin-wide collaboration. National Meteorological and Hydrological Services (NMHSs) will support ministries of environment, water,</p>

	climate change, transport, etc., by providing timely information on the state of their water resources. This will further provide an integrated regional/global overview of the resource to assist the aid & development sector, NGOs and UN entities in their anticipatory action and response to water-related hazards.
Linkages to other SDG	Climate Action, Partnerships For The Goals

Section 3: Actions and Outcomes to Achieve Targets		
Relevant Sub-Theme	Disaster Risk Reduction and Management, Knowledge and Innovation	
Actions and Outcomes	<p>HydroSOS aspires to build a sustainable and robust global framework for hydrological status and outlook information which is centered on locally produced analysis, supplemented by products from global hydrological models and data centers. HydroSOS portals will ensure the products are open and accessible for WMO Members and other stakeholders.</p> <p>HydroSOS is currently being implemented at global, regional, and national/local scales.</p> <p>Complementing HydroSOS, the annual State of Water Resources report is fed by the information from countries participating in HydroSOS, helping to reduce the gaps in information at the global scale by taking action at the national/regional scales.</p> <p>The HydroSOS framework is an enabler for establishing Early Warning for all (EW4ALL) by strengthening the monitoring and forecasting capacities for floods and droughts of the Members through various implementation levels.</p>	
Implementation Period	Start Period	1/1/2017
	End Period	12/31/2030
Financial Commitment	There is no financial commitment requested for this project/initiative/collaboration.	