

**DOI: <https://doi.org/10.37162/2618-9631-2025-2-121-140>**

**Activities of the World Meteorological Organization in the field of operational hydrology**

/ Simonov Yu.A. // Hydrometeorological research and forecasts. 2025, no. 2 (396), pp. 121-140.

An overview of the activities of the World Meteorological Organization (WMO) aimed at supporting National Hydrometeorological Services (NMHSs) in the field of operational hydrology is provided: from observations, data processing, preparation and formation of information products to hydrological forecasts, calculations, as well as the assessment and management of water resources. The current WMO agenda in the field of hydrology, the goals and objectives of working groups of experts, some projects and initiatives, including the Early Warning for All Initiative, the digital transformation program for NMHSs, as well as aspects of private and public partnerships are considered. An analysis of the organizational structure of WMO in the field of hydrology is provided.

*Keywords:* World Meteorological Organization, operational hydrology, international cooperation

Tab. 1. Fig. 6. Ref. 23.