

**MISSION OF THE REPUBLIC HYDROMETEOROLOGICAL SERVICE
OF SERBIA IN THE NATIONAL SYSTEM OF PROTECTION
AND RESCUE FROM THE CONSEQUENCES
OF THE EXTREME WEATHER EVENTS
AND DISASTERS**

Republic Hydrometeorological Service of Serbia (RHMS of Serbia) is the only State Authority in the System of State Administration of the Republic of Serbia, which is in accordance with the Law on Ministries, Law on Meteorological and Hydrological activities, Water Law, Law on Emergency Situations as well as with other regulations and relevant international treaties and agreements, responsible for execution of meteorological and hydrological activities of interest for the Republic of Serbia and performing functions of the National Hydrometeorological Service of the Republic of Serbia in international meteorological and hydrological organizations. RHMS of Serbia directly cooperates with international organizations in the field of meteorology, hydrology, monitoring and climate change research, and exchanges data and processed information from all fields in accordance with the international obligations.

Performing its competencies in the field of international cooperation, RHMS of Serbia directly cooperates with the World Meteorological Organization (WMO), Intergovernmental Panel on Climate Change (IPCC), European Centre for Medium-Range Weather Forecasts (ECMWF), European Organization for the Exploitation of Meteorological Satellites (EUMETSAT), Group of Earth Observation (GEO), Network of European Meteorological Services (EUMETNET), Commissions of the Danube and Sava River. RHMS of Serbia is hosting Sub-regional South East European Climate Change Center (SEEVCCC) and ensures fulfillment of the primary functions of the WMO Regional Climate Center Network for Europe, as well as execution out the functions of Regional Center for collection and production of climate data and products related to the local and regional climate change in South East Europe (WMO/WIS DCPC).

In accordance with the Law on Meteorological and Hydrological Activities and Law on Emergency Situations, RHMS of Serbia performs the work of establishment, operational function (continuous work 24/7) and development of the Hydrometeorological System of Early Warning and Alert as part of the National System of Protection and Rescue, international hydrometeorological information systems and systems of meteoalarm and hydroalarm of the European Union. In accordance with this Law, RHMS of Serbia is the only State authority of the Republic of Serbia with the mandate to issue official warnings on meteorological and hydrological extreme events and disasters, and is authorized for risk assessment and mapping of meteorological extreme events.

Hydrometeorological System of Early Warning and Alert is comprised of the following sub-systems: meteorological and hydrological observation system; hydrometeorological computer-telecommunication system; system for monitoring and forecast of conditions of weather, climate and water and early warning and alert of meteorological and

hydrological extreme weather events and disasters; system for publication and dissemination of warnings, system of monitoring, analysis and alert of extreme climate events and risk assessment of meteorological hazard; development and introduction into operational work of numerical models for weather, climate and hydrological forecast and projections of climate change. In order to improve the Hydrometeorological System of Early Warning and Alerts, and its more efficient support to system for emergency situation management, the Quality Management System was introduced in compliance with the requirements of International standards ISO 9001:2008 and ISO 17025:2006, and set of bylaws was adopted more precisely regulating certain issues related to the Hydrometeorological System of Early Warning and Alerts, including issues of state networks and work program of meteorological and hydrological stations, meteorological and hydrological observation methods, collection, control, processing, archiving and data base management, production, issuance and delivery of emergency meteorological and hydrological information, alerts and warnings etc.....

Mission of the RHMS of Serbia, as the National Hydrometeorological Service of the Republic of Serbia within the National System for Disaster Risk Reduction reflects primarily in the domain of: preventive protection of people and private goods, preservation of the environment, identification and analysis of the potential hazard of meteorological extreme events according to the criteria defined by Methodology for the risk assessment and plans for protection and rescue in emergency situations, analysis of the infrastructure risk, certain economy sectors, and risk assessment and mapping of meteorological extreme events, development and establishment of international component of hydrometeorological system of early warning and alert (this component includes development, establishment and operational work of electronic system of early warning and alert on the onset of meteorological extreme events (“meteoalarm” system) and early flood warning system (“hydroalarm” system) as well as integral parts of the corresponding electronic systems of early warning and alert of the European Union ((Meteoalarm-Severe weather warnings system for Europe, www.meteoalarm.eu; EFAS-European Flood Awareness System, www.efas.eu) as well as drought monitoring system within the Regional center for drought monitoring in Southeast Europe www.dmcsee.org.

RHMS of Serbia performs the aforementioned jurisdiction and functions through implementation of multi-year and annual Program for Research and Development and Operational activities in the field of meteorology and hydrology of interest for the Republic of Serbia, and thus directly contributes to preventive protection of people and property from the meteorological and hydrological extreme events and disasters, as well as rational utilization of weather conditions, climate and water resources for the sustainable development of economy of the Republic of Serbia.