

National Institute of Hydrology and Water Management (Institutul National de Hidrologie si Gospodarie a Apelor)

ROMANIA

The National Institute of Hydrology and Water Management (NIHWM) is the only institution which deals with conception and policy issues within the area of hydrology, hydrogeology and integrate management of water in Romania, assigned as national authority in this domain.

The national authority NIHWM, a public institution and a subunit of the National Administration “Apele Române” NIHWM, develops research activities and provides operational services of national and international public interest for the protection and socio-economic well-being of people. NIHWM’s activities help improve peoples’ quality of life and help protect the environment.

NIHWM was established under its current name in December 2002, but, as different organizations, its activities are over 50 years old.

NIHWM performs research, conducts studies, and provides technical assistance in the following areas:

- short, medium, and long range hydrologic forecasts;
- warnings of dangerous hydrologic events for prevention and management of crisis situations (floods, droughts);
- mathematical modeling of surface and groundwater resources, hydrological and hydrogeological synthetic parameters;
- water resources management, eco hydrology, flood and drought risk management, impact of human activity and of the climate changes on the hydrological regime;
- hydrological and hydrogeological data base development, GIS hydrological applications;
- coordination of hydrologic and hydro geologic activity at a national level, providing the technical and scientific guidance and assistance of the hydrologic network and for the implementation of modernization programs of the national hydrological system.

The Institute’s activities are very dynamic, constantly adapting to new requirements and concerns. Extensive experience has been accumulated over the years, resulting in an important contribution to the new aspects related to the administration of sustainable water resources and in lining up to the European legislation in the context of Romania’s integration into the European Union.

Contact: Ramona Dumitrache

E-mail: ramona.dumitrache@hidro.ro

Website: www.inhga.ro

Address: 97 Bucuresti – Ploiesti St., 1-st District, postal code 013686, Bucharest, Romania