



## **National Institute of Hydrology and Water Management, Romania**

The National Institute of Hydrology and Water Management (INHGA) is a public institution and a subunit of the "Romanian Waters" National Administration, the national authority in hydrology, hydrogeology and water management. INHGA develops research activities and provides operational services of national and international public interest for the protection and socio-economic well-being of people. INHGA's activities help improve peoples' quality of life and help protect the environment.

Currently, the INHGA is involved in the elaboration and implementation of certain projects that pursue the development of hydrological forecast models, the monitoring of extreme hydrological phenomena, water resources management etc., like:

CLimate Change and Variability: Impact on Central and Eastern EuRope (CLAVIER), supported by the European Commission's 6th Framework Programme.

Monitoring, forecasting and best practices for FLOOD Mitigation and prevEntion in the CADSES region (FLOODMED), partially co-financed by European Community in the framework of the INTERREG IIIB CADSES Program

Central and Eastern Europe Climate Change Impact and VulnerabiLlty Assessment (CECILIA), supported by the European Commission's 6th Framework Programme

MOSES PROJECT: Improvement of Flood Management System, in the framework of the INTERREG IIIB CADSES Program

Hydro-meteological data resources and technologies for effective flash flood forecasting (HYDRATE), supported by the European Commission's 6th Framework Programme

ENSEMBLES Based Predictions of Climate Changes and Their Impacts, funded by the European Commission and coordinated by the Hadley Centre for Climate Prediction and Research at the UK Met Office.

### **The project will essentially be implemented by:**

- PhD Sorin Teodor, scientific researcher, leader of the Hydrological Studies and Researches Department. He published one reference book and 2 practical guides regarding the improvement and the analysis of the data concerning the solid suspended discharge and the granulometry of the sedimental particles and more than 50 articles in hydrology.

- {tooltip}PhD Viorel Chendes{end-texte}



## **Role in the project:**

INHGA is leading the task on data collection for WAT modelling in WP4, as well as participating to the calibration of the hydrological models (task 4.1 and 4.2). INHGA is also involved in the task 6.3 on BSC Observation System for citizens.