



GOVERNMENT OF ROMANIA



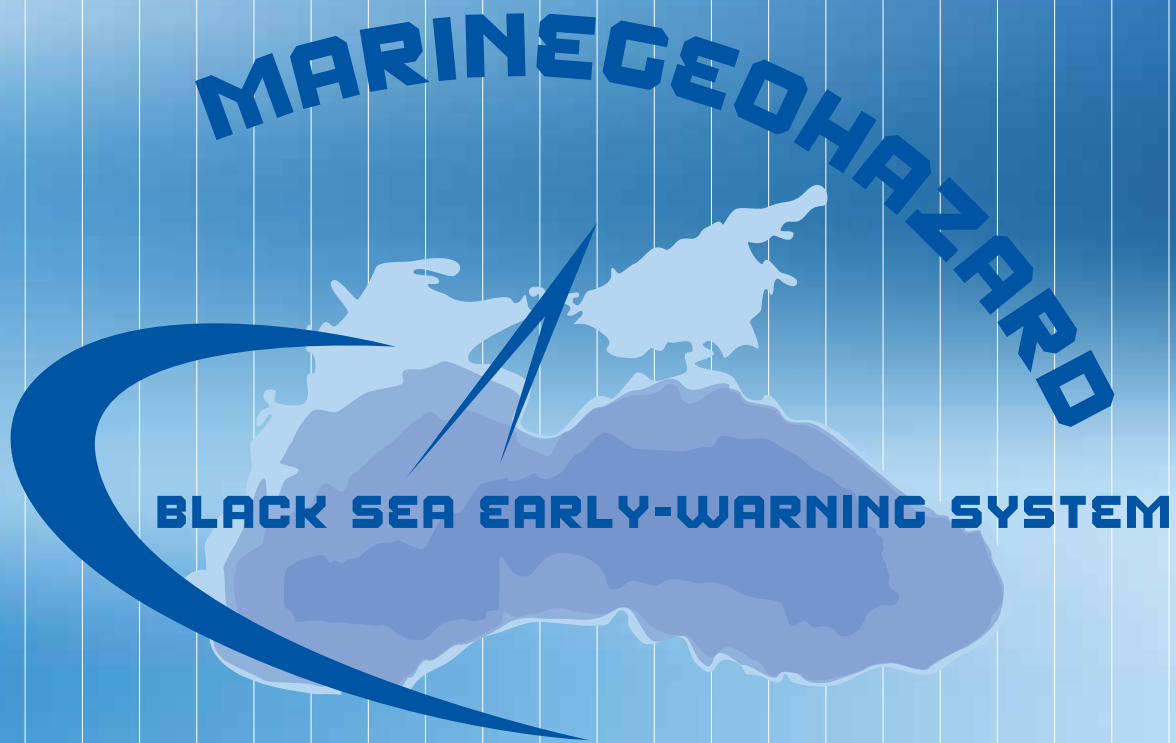
GOVERNMENT OF BULGARIA



Common borders. Common solutions.

MARINE GEOHAZARD

Set-up and implementation of key core components of a regional early-warning system for marine geohazards of risk to the Romanian-Bulgarian Black Sea coastal area



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MARINEGEOHAZARD

... the way from objective to result

MARINEGEOHAZARD is an acronym for “Set-up and implementation of key core components of a regional early-warning system for marine geohazards of risk to the Romanian-Bulgarian Black Sea coastal area.”, a project financed with 5.969.326,44 € from the EC Structural Funds - Romania - Bulgaria Cross-Border Cooperation Programme 2007-2013, managed by the Ministry of Regional Development and Tourism.

Based on a Romanian-Bulgarian consortium, comprised of reference research institutions in marine geology and geophysics, the project aims, through its goals, to implement an integrated early-warning system accompanied by a common decision-support tool, and enhancement of regional technical capability, for the adequate detection, assessment, forecasting and rapid notification of natural marine geohazards of risk to the Romanian-Bulgarian Black Sea cross-border area.

Also, it is taking into consideration, the definition and the implementation of an unified and integrated approach to assessment of marine geohazards as well as the installation of some, real-time, fully automatic specialized networks, for rapid detection of marine geohazards;

Regarding the management of the obtained data, it is intended to implement a common

decision-support tool by provision of unique forecast and assessment software package and development of a joint database of scenarios; Data correlation and integration, the improvement of the regional expertise as well as the establishment of a communication platform between the Romanian and Bulgarian national institutions, represents also a desiderate assumed within the project. Project addresses to a target group made up of local, regional and national Romanian and Bulgarian authorities, local communities of the cross border area, the European networks of marine environmental monitoring, national and international scientific community.

The fulfillment of the results proposed during the project elaboration will be also sustained by the already existing research infrastructure, the research vessels “ Mare Nigrum” (NRDI GeoEcoMar, Romania) and



“Akademik” (IO-BAS, Bulgaria), endowed with specialized equipment, for geological and geophysical investigations, representing



the main components.

The results proposed within the project envisage as follows: the establishment of Euxinus network, a complex system consisting of five early warning marine platforms, in case of occurrence of a major marine geohazard, decision-making tool, common and operational; the implementation of the GeoPontica network, composed of 18 DGPS stations that will monitor the movements of earth crust along the coastal area of Bulgaria and Romania, including the Danube Delta; the Coastal seismic monitoring of Romania and Bulgaria, as well as monitoring effects of global change, by monitoring sea level changes, knowledge of the structure and dynamics of the seabed, through marine seismic research.

INFO News

On May 27, 2011, took place at the "Carol I" Central University Library of Bucharest, the launching event of the "Set-up and implementation of key core components of a regional early-warning system for marine geohazards of risk to the Romanian-Bulgarian Black Sea coastal area" project. The event was marked by a series of speeches from representatives of the parties directly involved in project implementation, namely the Project Coordinator - National Research and Development Institute for Marine Geology and Geoecology (GeoEcoMar), Romania, together with its partners: Geological Institute, Bulgarian Academy of Sciences (GI-BAS), Bulgaria; Institute of zOceanology - Varna (IO-BAS), Bulgaria and National Institute of Earth Physics (NIEP), Romania as well as from the highest authorities of the Romanian and the Bulgarian state. The launching event was preceded, on May 26, 2011, at the NRD GeoEcoMar headquarters, by the Project Steering Committee meeting, when was discussed some issues concerning the current status of the technical implementation of the project, the project level reporting - deviations and recovery plan and work plan for the next semester.



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