



Initial steps to the early warning systems in Bulgaria – earthquakes, tsunamis, marine hazards

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Several projects on the early warning systems in Bulgaria are presented – some of them in phase of execution, some – in preparation and assessment.

The work presents these projects related to the early warning systems (EWS). They are under execution in Bulgaria with wide participation of the international teams. The projects' parameters – partners involved, coordinators, main tasks and objectives, time duration, intended equipment, specific objectives and beneficiaries are discussed.

The progress of these projects is presented. The projects themselves – according their acronyms are:

MARINEGEOHAZARDS (mainly focused on marine hazards in the Black Sea – earthquakes and tsunamis).

DACEA (about possibility of Vrancea seismic source earthquakes to be warned in Bulgaria and Romania).

ESNET (about support of decision makers in case of earthquakes and other coastal hazards).

SIMORA (about a local monitoring system of strong ground motions and its relevancy to the EWS).

A comparison study about the level of reliability and security, as well as, some legislation issues are under investigations.

The web-sites and other dissemination tools (like newsletters, webs, etc.) are also under presentation.

The goal is to show the specific objectives, their effective execution and the research support to the society and decision makers.