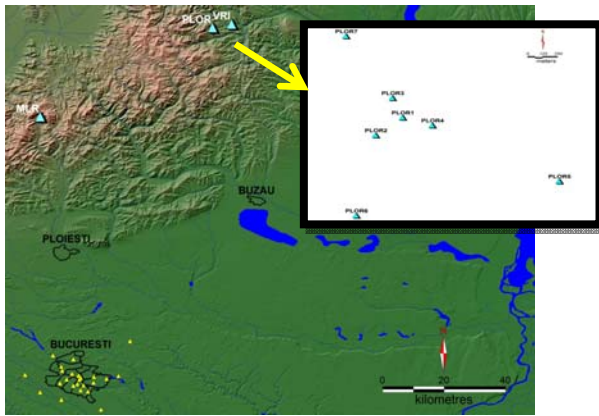


Grants for Access to European Seismological Infrastructures Bucharest Rapid Early Warning System (BREWS)

The European Commission, through the EC FP7 project NERA (Network of European Research Infrastructures for Earthquake Risk Assessment and Mitigation) supports grants for access to European seismological centres and infrastructures for periods of research and joint technical developments.

National Institute for Earth Physics (Romania) operates one of the unique facilities in the world for intermediate-depth earthquake Early Warning, the Bucharest Rapid Early Warning System (BREWS). Based on a local network in the Vrancea epicentral area and on a dense strong motion network installed in the wider Bucharest area, the BREWS allows a quick estimation of earthquake magnitudes that enables the generation of rapid shakemaps and seismic risk management for the city of Bucharest.



Infrastructure of the Bucharest Rapid Early Warning System. Light blue triangles represent seismic stations in the epicenter area and yellow triangles represent seismic stations in Bucharest area. The insertion in the right upper-corner shows the distribution of the Plostinia array stations.



Bucharest seismic network: yellow triangles represent real-time stations and blue triangles represent offline stations



National Institute for Earth Physics - Magurele



Romanian National Data Centre

NIEP will offer access to infrastructure for 10 users, for 30 days/visit for up to 2 users in the same time. Applicants must be affiliated to an Institution within the EC Member States or Associated States, but outside of Romania. NIEP guest will be hosted for free in furnished accommodation in Bucharest/Măgurele and will receive a daily allowance to cover the living costs. In addition, the travel costs (cheapest fare, maximum 1000 €) will be covered.

The grant is evaluated by a selection panel four times per year with application deadlines on 1 March, 1 June, 1 September, and 1 December. The selection panel consists of the four TA leaders, the NERA Project Manager and as external reviewers Prof. E. Faccioli and Prof. J. Virieux. Applications, including a short scientific proposal and the CV of the investigator(s), should be submitted to the contact for each infrastructure. Additional information about NERA is available through the NERA project web pages: <http://www.nera-eu.org>. Contact: Constantin Ionescu (viorel@infp.ro) <http://www.infp.ro/news/nera-project>