



Network of Research Institutes for Earthquake Seismology (NERIES): A Research Infrastructure project.

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June 1, 2006 the I3 (Integrated Infrastructure Initiative) project, NERIES started under contract no 026130 of the FP6 programme of the EC. NERIES is one of the approximately 30 FP6-I3 projects funded within the so-called ‘Research Infrastructures’ theme, part of the EC political initiative to build the European Research Area. Jointly initiated by ORFEUS (Observatories and Research Facilities for European Seismology) and EMSC (European Mediterranean Seismological Centre), the project consortium comprises 25 partners from 13 countries. The EC funding rules are constrained to networking, providing access to a number of research facilities, and research projects aimed at improving the operation of the infrastructure.

NERIES [<http://neries.knmi.nl>] implements European real-time data exchange tools, web application tools and distributed data archive technologies making large amounts of earthquake parameter and waveform data available to the global research and the hazard mitigation community. Developing efficient data mining tools, station site response tools and exploratory OBS deployments are part of this effort. Simultaneously, NERIES research groups are developing the European reference velocity model, time varying seismic hazard models, implementing shakemaps together with loss estimation tools. The earthquake research infrastructure as aimed at by NERIES will be a key land-based segment of the GMES and the GEO 10-years implementation plan.

In this presentation we will provide a current overview of the activities and emphasize

the opportunities to participate also as non-consortium members within the European earthquake seismology community.