



Network of Research Institutes for Earthquake Seismology (NERIES):

progress overview [www.neries-eu.org]

D. Giardini (1,2), **T. van Eck** (1), R. Bossu (3), S. Wiemer (2) and the NERIES consortium.

1. ORFEUS, c/o KNMI, P.O.Box 201, 3730 AE De Bilt, The Netherlands
(domenico.giardini@sed.ethz.ch)
2. ETHZ, HPP P6.1, Höggerberg, CH-8093 Zürich, Switzerland.
3. EMSC, c/o CEA Bât Sâble, Bruyères le Châtel, BP 12, 91680, France

NERIES is a Research Infrastructure project addressing observational seismology in its broadest sense and providing opportunities far beyond the consortium members alone. Many elements within this Integrated Infrastructure Initiative (I3) EC-project are currently being realized, and a wide-scale collaboration with other projects within Europe and the US has been established. This presentation will provide an overview of the current status of the project, its on-going and planned activities in 2008 and the opportunities provided.

NERIES accomplished, for example that: the VEBSN has been extended to more than 250 broadband stations, two deep-sea OBS systems have been operating in the Mediterranean for nearly one year, homogeneous shakemaps can currently be produced at several European observatories, prototypes of portal elements have been launched for BB waveform retrieval services, earthquake parameter services, historical earthquake data, European tomography model review and site response software. Besides numerous small meetings, NERIES also organized more than 5 open focused workshops and meetings to promote coordination on a European scale. Grants available for European earth scientist have been provided and will be available for research

visits at several institutes.

Project collaboration has been set up with, for example, the EarthScope program on web portal developments, USGS on rapid parameter exchange and shakemap developments, the GITEWS program on waveform and parameter handling, SAFER on rapid warning, SCEP on time varying hazard estimation and global organizations with respect to standardization of parameter exchange for web applications.

In the coming year a number of dedicated workshops are planned. These will be addressing, for example, acceleration data exchange, European observatory coordination and web application software developments, historical seismology.