



EMSC Real Time Earthquake Information Services

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EMSC is the seismological organisation in charge the Euro-Med alert system for potentially damaging earthquakes. This service, operational 24/7, is based on the data contributions of 57 different networks representing more than 1,250 stations in the Euro-Med region. The operational technical support is provided by LDG and the back-up by the IGN.

This alert system is operated in coordination with the national alert services. Its objectives are to ensure a redundancy to the national alert systems, to provide a unique source of information to international organisations, to provide information outside the affected country(ies) in case of damaging earthquake, to improve location quality in border regions and offshore and to inform European authorities and international organisations.

Today, more than 6,300 end-users receive EMSC alert messages either by fax, email or SMS. Among them, OCHA (humanitarian aid agency of the UN), ECHO (humanitarian aid agency of the EU), the European Civil Protection Unit, the Council of Europe, EADRCC (Euro-Atlantic Disaster Reaction and Coordination Centre), NATO and a dozen of rescue teams.

In January 2006, a customized earthquake notification service will be available with will be offered the possibility of choosing a region of interest and a cut-off magnitude.

The alert system is a part of the Real Time Information service which provides real time view of the current seismic activity (<http://www.emsc-csem.org>) focused on the Euro-Med region but also for larger events worldwide. Each year, between 10,000 and 12,000 events are reported on this page.

Since 01/01/2005, we observe an average of 150 to 200,000 hits per day and 6,000 unique visitors per day on the web site. The Real Time Information page is also available in Imode and WAP and an RSS feed will be added in a near future.