

## **A NEW MACROSEISMIC CATALOGUE FOR CATALONIA**

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Since 1991, macroseismic data from North-East Spain and South of France has been compiled with the aim of producing an homogeneous seismic catalogue useful for hazard studies. This compilation has been carried out first through a revision and critical comparison of existing catalogues, in particular those from the Instituto Geográfico Nacional and SIRENE (France); results from recent investigations on historical earthquakes have been incorporated to the catalogue; for the 20th century events, the available macroseismic questionnaires have been re-analysed. The methodology used is that established in the EC project BEECD: "A Basic European Earthquake Catalogue and Database for the evaluation of long-term seismicity and seismic hazard".

The publication of our catalogue (book and CD-ROM) corresponds to the Volume 1 of the "Atlas Sísmic de Catalunya" which is composed of 917 individual records, one for each event. 612 of these are events from the 20<sup>th</sup> century, 58 are fake earthquakes and 258 correspond to seismic events without assigned intensity. Moreover, the catalogue includes maps with the location of the epicentres, maps with distribution of felt intensities for individual events and, finally, a complete listing of all the events that have been considered.

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