

The ISC Data Products and Services in Europe

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The International Seismological Centre (ISC) is a non-governmental non-profit-making organization funded by 65 research and operational institutions in 48 countries, including many in Europe.

The ISC is charged with the production of the global seismological Bulletin based on reports from over 130 seismic networks worldwide. The Bulletin remains the most long-term definitive source of information on seismicity on the global scale over the period from 1904 till 2016. The subset of the Bulletin for the European-Mediterranean region is also the most long-term and complete. Whilst the EMSC continues the rapid determination of earthquake parameters, the task of integrating and re-assessing the reviewed seismic bulletins produced by individual networks and maintaining the most complete list of seismic events in European-Mediterranean region is now performed by the ISC.

We also distribute several other widely used products. The ISC-EHB bulletin is a groomed subset of the ISC Bulletin widely used in studies of inner structure of the Earth. Jointly with NEIC, the ISC runs the International Seismograph Station Registry that remains an important depository of station position information from 1904. The ISC also updates and maintains the IASPEI Reference Event List (GT) that is used for a variety of calibration purposes. The ISC-GEM Catalogue is another ISC dataset that is designed to be used for global and regional studies of seismic hazard and risk. The ISC Event Bibliography is an interactive facility that enables searches for references to scientific articles devoted to specific natural and anthropogenic seismic events that occurred within a region and time period of interest. The ISC also runs the registry of international contacts in Seismology.

All ISC data are freely available and widely used in different fields of geophysical research.