

CTBTO Link to the ISC Database

The CTBTO Link to the database of the International Seismological Centre (ISC) provides the CTBTO and the National Data Centres with a dedicated access to seismological data sets maintained by the ISC using specially designed graphical interfaces and database queries. The Link service gives access to a multitude of products: the ISC/ISS bulletins covering the natural seismicity of the Earth, mining induced events as well as nuclear and chemical explosions; the EHB bulletin; the IASPEI Reference Event list (ground truth database) and the IDC REB. The database searches are tailored to the needs of the monitoring community and are divided into three main categories: the Area based (spatio-temporal search based on the ISC Bulletin), the REB based (spatio-temporal search based on specific events in the REB) and the IMS Station based (search for historical reporting patterns of seismic stations close to a selected IMS seismic station). The most recent development of the Link provided a convenient interactive web tool to preview waveform images of non-IMS stations that recorded specific REB events and to request the selected station waveforms from a variety of international waveform archives.

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