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Link to the ISC Database

The CTBTO Link to the database of the International Seismological Centre (ISC) is a service provided by arrangement with IDC/CTBTO. The Link provides PTS and National Data Centres (NDC) with dedicated access to long-term definitive global datasets maintained by the ISC. Functionality includes specially designed graphical interfaces, database queries and non-IMS waveform requests. This service gives access to the ISC Bulletins of natural seismicity of the Earth, mining induced events, nuclear and chemical explosions (Specifically 1085 nuclear explosions); the ISC-EHB dataset; the IASPEI Reference Event list (GT) and the ISC Event Bibliography. The Link is also a useful tool for accessing historical event data which can be used for training and exercises commonly carried out by the NDCs and PTS.

The searches are tailored to the needs of the monitoring community and allow for area-based searches and comparisons between the ISC Bulletin and the Reviewed Event Bulletin. Additionally known historical nuclear explosions can be searched as a subset of both bulletins. Recently we have updated the waveform previews provided through the link to provide a more comprehensive coverage of available FDSN stations for REB events.

E-mail

dmitry@isc.ac.uk

Primary author: Dr STORCHAK, Dmitry (International Seismological Centre (ISC))

Co-author: GALLACHER, Ryan (International Seismological Centre (ISC))

Presenter: Dr STORCHAK, Dmitry (International Seismological Centre (ISC))

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