

Customised, Secure Access to ISC Data Sets

The CTBTO Link provides secure web access to the data sets maintained at the International Seismological Centre through interactive tools. The unique access to the wealth of data via the CTBTO Link is provided exclusively to National Data Centres and PTS personnel.

- ISC Bulletin, the definitive bulletin of the seismicity of the Earth, 1960-2010
- EHB (Engdahl, van der Hilst, Buland ,1998) Bulletin, the groomed ISC Bulletin, 1960-2007
- IASPEI Reference Event List, ground truth database of GT0-5 events
- IDC REB
- International Registry of Seismograph Stations

The objective of the project is to provide the capacity for NDCs

- to assess the historical seismicity in a specific region
- to put an event of interest into context with the seismicity of the surrounding region
- to look at observations reported by non-IMS stations
- to compare hypocentre solutions provided by various agencies
- to investigate station histories and residual patterns of IMS or IMS surrogate stations



The CTBTO Link has been operational since September 2010. The link is provided to the NDCs through the IDC secure website hosting the Expert Area. The figure shows the activity on the CTBTO Link.

CTBTO Link: A Brief History

- The CTBTO Link is developed and maintained by the ISC
- Initial funding (August 2008 March 2011) was provided by
- UK Foreign and Commonwealth Office (90%)
- NORSAR (2.5%)
- the Geological Survey of Denmark and Greenland (GEUS) (2.5%)
- the Swedish National Defence Research Establishment (FOI) (2.5%)
- the University of Helsinki (2.5%)
- Consultation with UK NDC
- Concept demonstration presented to IDC representatives
- December 2008: ISC, Thatcham, UK
- December 2009: IDC, Vienna
- April 2009: Secure internet link established between the IDC and ISC
- July 2010: Test and feedback from PTS staff and select NDCs
- August 2010: Announcement of the CTBTO Link becoming operational at the WGB 35th Session
- September 2010: the CTBTO link is made available to all NDCs
- CTBTO Link functionality presented to NDC representatives
- May 2010: NDC Evaluation Workshop, Nairobi
- August 2010: Fringe meeting during the WGB 35th Session, Vienna
- April 2011 March 2012 funding provided by the PTS

THE CTBTO LINK TO THE INTERNATIONAL **SEISMOLOGICAL CENTRE (ISC)**

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