



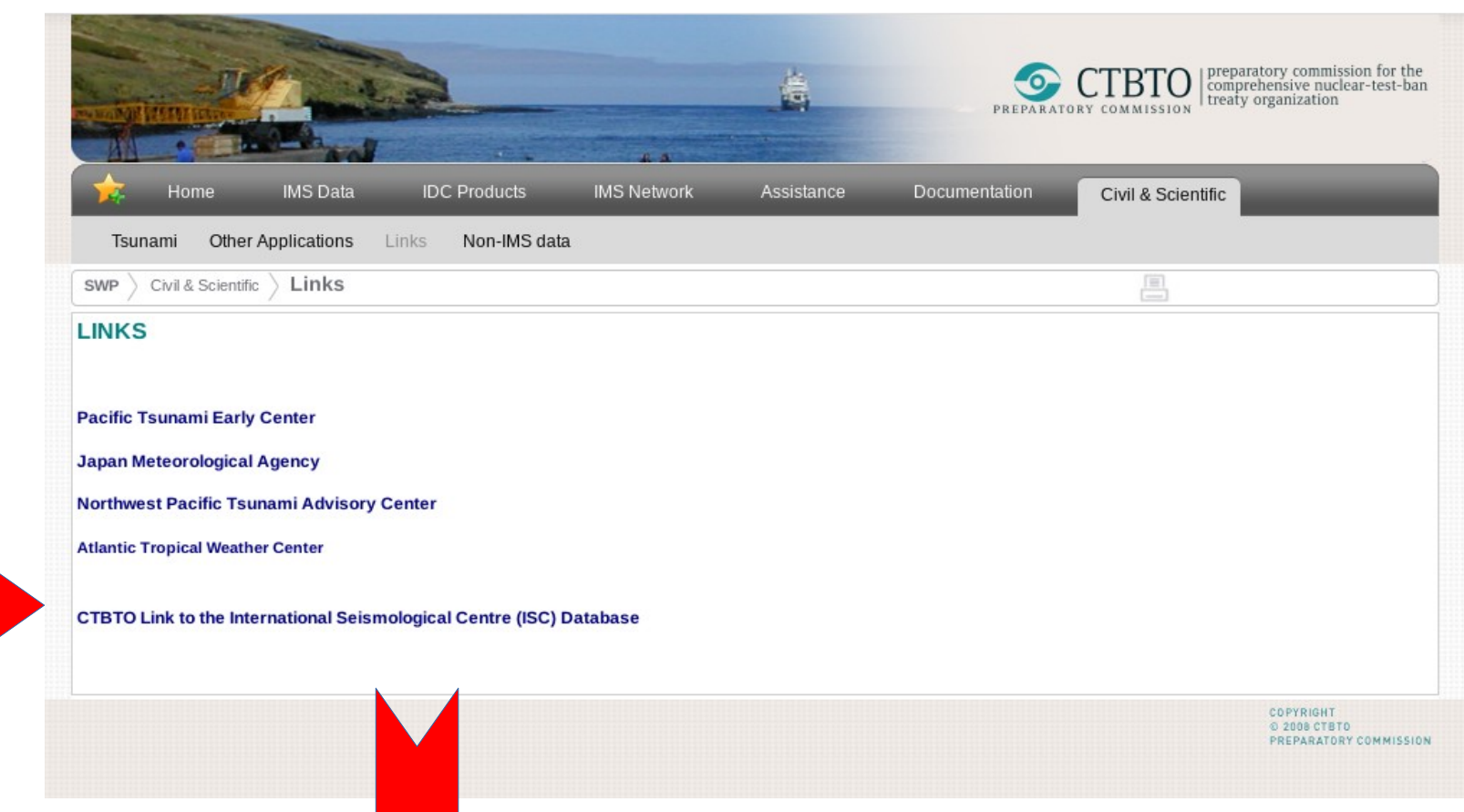
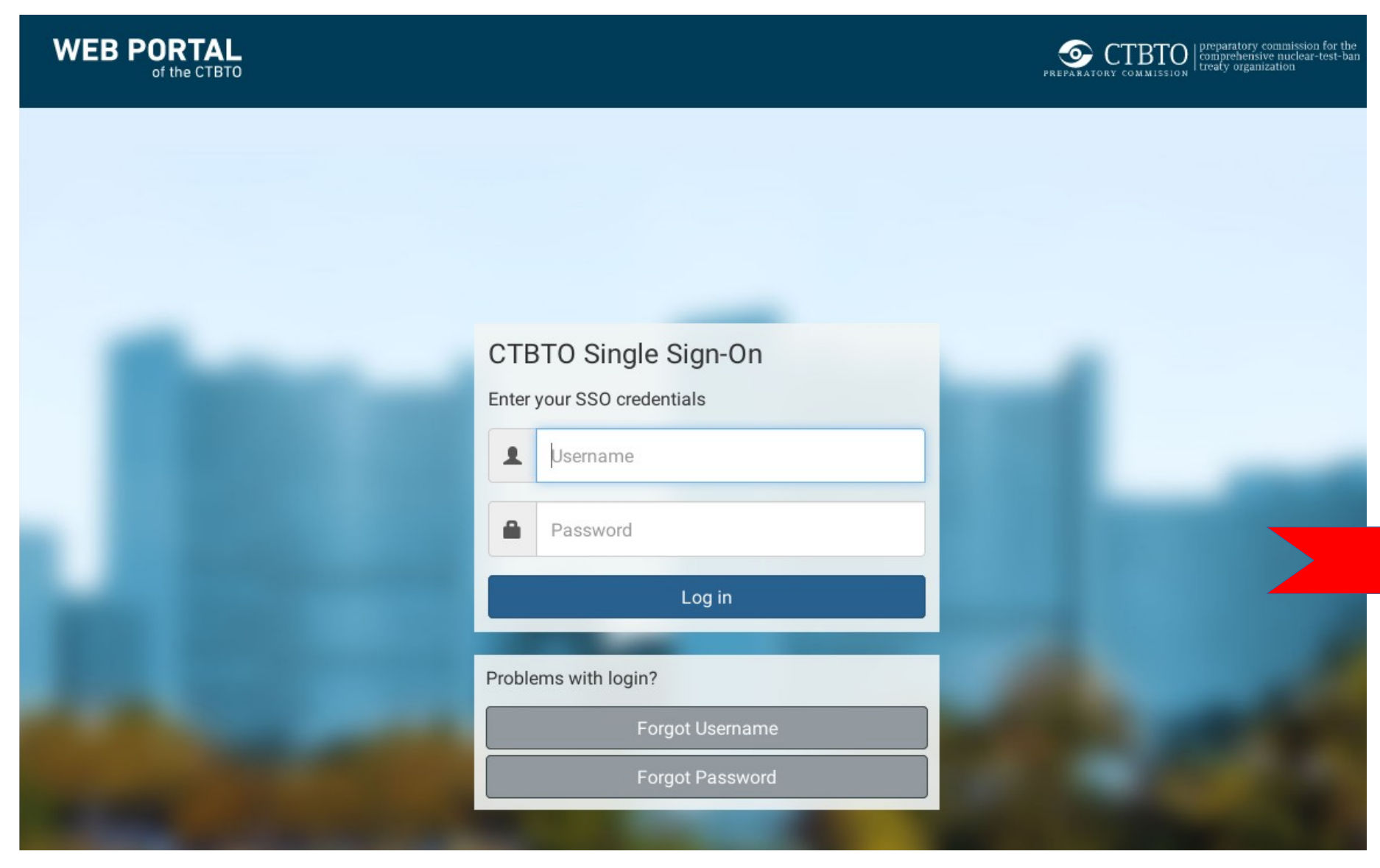
Abstract

The Link to the database of the International Seismological Centre (ISC) provides both PTS and National Data Centres a dedicated access to datasets maintained by ISC using specially designed graphical interfaces and database queries. This service gives access to several products: the ISC/ISS bulletins of natural seismicity of the Earth, mining induced events, nuclear and chemical explosions; the ISC-EHB bulletin and the IASPEI Reference Event list (GT) and ISC Event Bibliography.

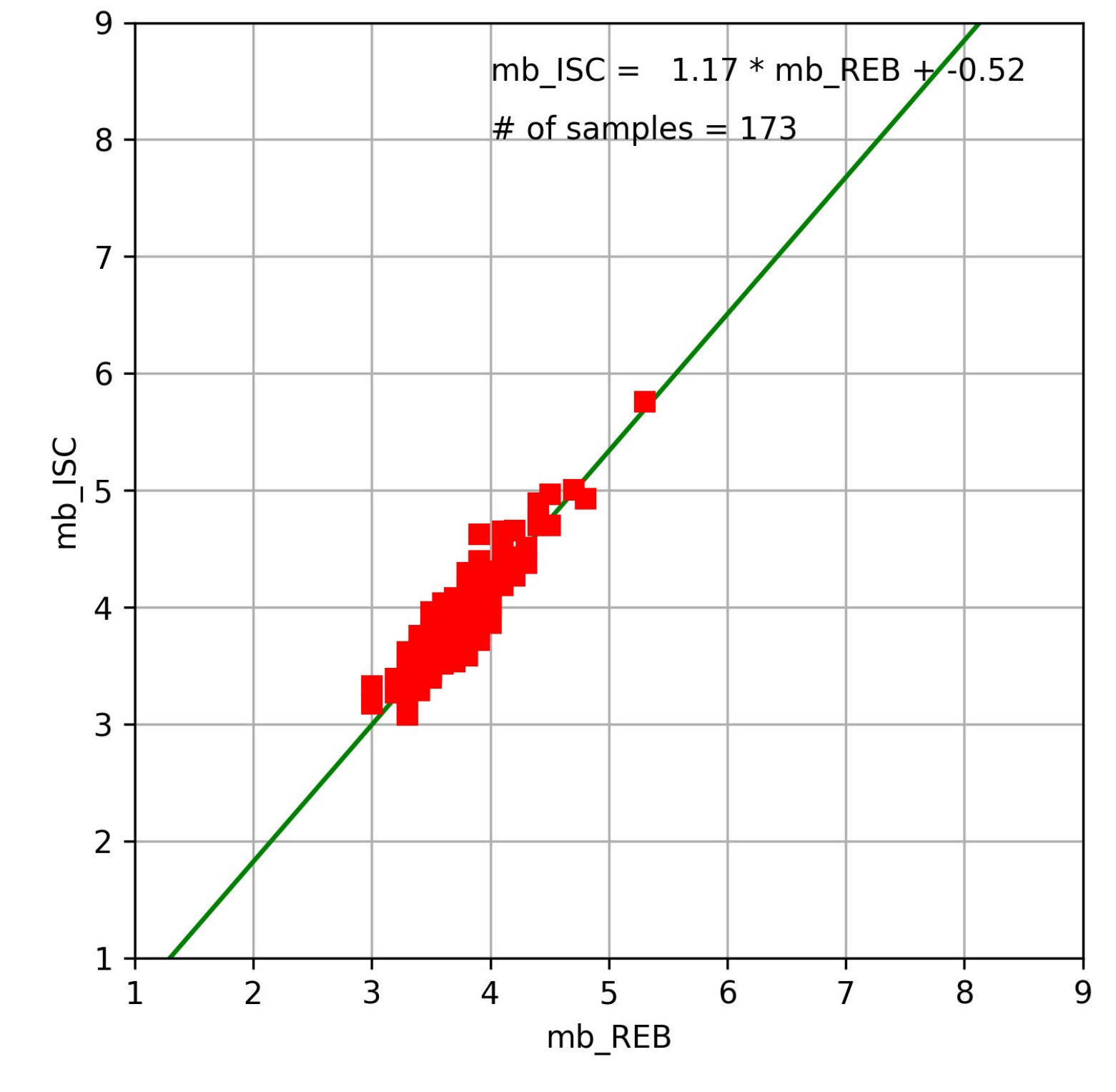
The database searches are tailored to the needs of the monitoring community and divided into four major categories: the *Area based* spatio-temporal search (based on ISC Bulletin), the *REB based* spatio-temporal search (based on specific REB events), the *GT event based search* and the *IMS station based search* (historical reporting patterns of stations close to IMS sites).

We recently completed a major overhaul of the whole system, streamlined the database queries and user interfaces. The service has been extensively used by the NDCs and PTS and proved useful during a number of CTBTO Exercises.

Get access to the CTBTO Link via the CTBTO secure web portal



Compare REB magnitudes vs other data providers



Fill in the search criteria and visualize the results

Select a search option

Preview and download non-IMS station waveforms for REB events

Station	Network	Latitude	Longitude	Elevation	Distance (deg)	Azimuth (deg)	Available channels	Waveform (73 pcs)	Select all
KSP	PL	50.8428	16.2931	353.0	0.73378	164.40131	HHZ		<input type="checkbox"/>
DPC	CZ	50.3502	16.3222	748.0	1.21824	169.70338	HHZ		<input type="checkbox"/>
PVCC	CZ	50.5282	14.569	311.0	1.35543	221.67866	HHZ		<input type="checkbox"/>

Solution	Author	ID	Date - Time	Latitude	Longitude	Depth (km)	ISC Event Type	Preferred magnitude	Bulletin in IMS1.0	Bibliography
61183050	ISC	R	2016-09-09 00:30:00.809	41.283	129.044	0.00	Nuclear Explosion (suspected)	5.05 4.60 4.30	✓	✓
61183802	ISC	R	2016-01-06 01:30:00.222	41.314	129.046	0.00	Nuclear Explosion (suspected)	5.10 4.07 4.60	✓	✓
60244296	ISC	R	2013-02-12 02:57:50.968	41.314	129.093	0.00	Nuclear Explosion (felt)	4.90 4.05 4.50	✓	✓

The main web page of the Link provides direct access to the four main searches of the datasets maintained by the ISC, the most recently collected events along with their original reports, and a tool to search for close by seismic events and matching seismic phases

Visit the ISC booth at Seitengalerie 07 for a live demonstration of the Link's full features and capabilities

Station	Dist	EVA	Phase	Time	Trs	Azin	ASrs	Slow	SRes	Def	SNR	App	Per	Qual	Magnitude	ArrID
KSP	0.72	174.1	Pg	17:21:53.563	0.8											47322170
KSP	0.72	174.1	Sg	17:22:02.731	0.6											47322171
KSP	0.72	174.1	Pg	17:21:53.625	0.8											98997252
KSP	0.72	174.1	Sg	17:22:02.879	0.8											98997253
UPC	1.06	185.7	Pg	17:21:59.6	0.3									dl		70874218
UPC	1.06	185.7	Sg	17:22:13.5	0.6							481.2	0.40			70874219