



IEB: IRIS Earthquake Browser

The IRIS Earthquake Browser (IEB) represents a new generation of earthquake discovery tool. The IEB combines the DMC's large database of earthquakes with the popular Google Maps™ web interface. The IEB is useful both educationally and as a research tool. With the IEB you can quickly find earthquakes in any region of the globe and then import this information into the UNAVCO/GEON Integrated Data Viewer (IDV) where the hypocenters may be visualized in three dimensions.

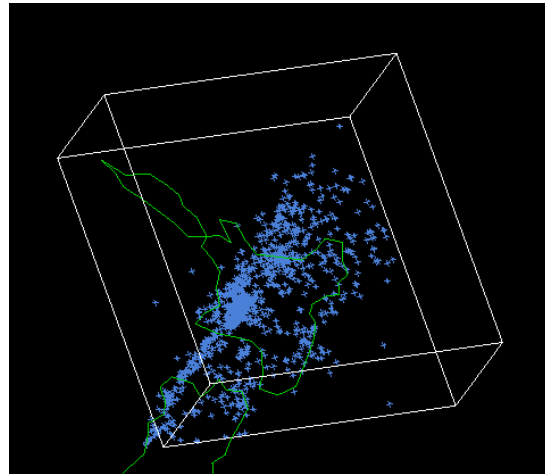
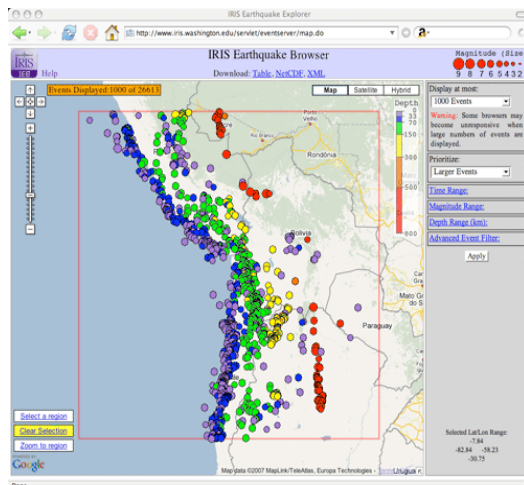


www.iris.edu/ieb/

The UNAVCO/GEON IDV is a powerful, free, Java based, desktop application that allows 3D visualization of complex solid earth science data.

http://geon.unavco.org/unavco/IDV_for_GEON.html

The IEB features a simple, yet powerful user interface. To start using it, you simply zoom and pan a map of the world just as you would with any other Google map™. By default, the IEB shows the most recent 200 events in any given view. The number of events shown can be varied from 100 to 5000 while the prioritization of events (which events have priority to be shown) can be toggled between recent events and larger events.



The IEB is part of a new wave of web-service based technology being developed at the IRIS DMC. The IEB makes a large data set quickly and easily available. We would like to give special thanks to Unidata IDV as well as Stuart Weir of UNAVCO for his help in integrating IEB data with the GEON IDV.



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