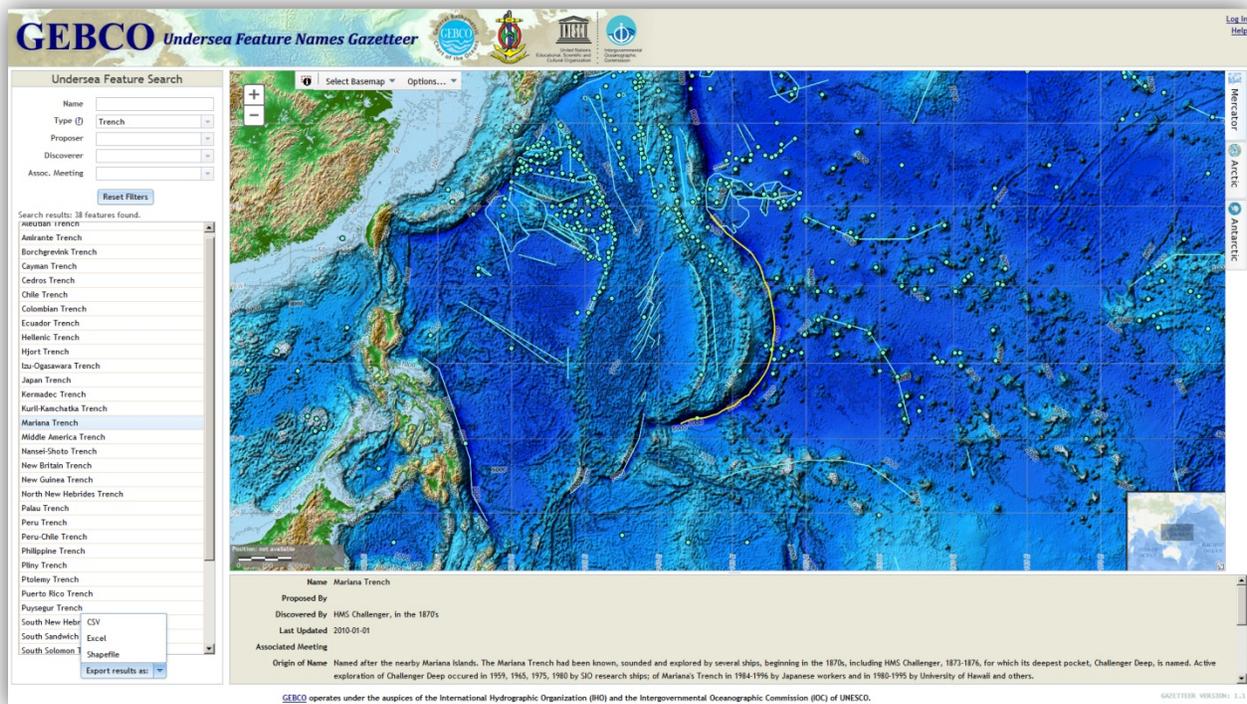


GEBCO Gazetteer of Undersea Feature Names



<http://www.ngdc.noaa.gov/gazetteer/>

The [National Geophysical Data Center](http://www.ngdc.noaa.gov/), co-located with the International Hydrographic Organization (IHO) Data Center for Digital Bathymetry (DCDB), has developed and is now hosting an online interface to the General Bathymetric Chart of the Oceans (GEBCO) [Gazetteer of Undersea Feature Names](http://www.ngdc.noaa.gov/gazetteer/). The GEBCO Subcommittee on Undersea Feature Names (SCUFN) maintains the Gazetteer of names, generic feature types and geographic positions of features on the seafloor. The new web application provides the Gazetteer data and information in multiple formats including spreadsheet, shapefile, KML, WMS and ArcGIS mapservices, and can be accessed programmatically via a REST-style API.

Users can search the Gazetteer by name, feature type, proposer, and discoverer and view feature geometries on an interactive map in Mercator and polar projections. A secured version of the interface provides the Gazetteer administrator at the IHO added functionality to remotely manage the database. The Gazetteer contains information on over 3,600 seafloor features including the Mid-Atlantic Ridge and the Challenger Deep — containing the greatest depth in the oceans, located in the Mariana Trench in the Northwest Pacific Ocean.

NGDC created the new interface using an *Agile software development framework* that relies on a team approach to iteratively build in functionality to the application. Continuous stakeholder feedback and communication within the teams allow for ‘just-in-time’ design that results in no wasted effort on developing unneeded features.

The Agile software development framework values:

- ***Individuals and interactions over processes and tools***
- ***Working software over comprehensive documentation***
- ***Customer collaboration over contract negotiation***
- ***Responding to change over following a plan***

Find out more about the work of SCUFN in the governance of undersea feature naming and how to submit a name proposal by visiting the [GEBCO website](http://www.ngdc.noaa.gov/).