

General Bathymetric Chart of the Oceans

GEBCO consists of an international group of experts who work on the development of a range of bathymetric data sets and data products with the aim of providing the most authoritative publicly-available bathymetry for the world's oceans.

GEBCO's work is directed by a Guiding Committee and is supported by technical, regional mapping and outreach sub-committees made up of experts in many fields and from organisations from all around the world.

GEBCO is training a new generation of scientists in ocean bathymetry through the Nippon Foundation/GEBCO Training Programme.

The Nippon Foundation-GEBCO Seabed 2030 Project is a collaboration between the Nippon Foundation of Japan and GEBCO. It aims to bring together all available bathymetric data to produce the definitive map of the world ocean floor by 2030 and make it available to all.

seabed2030.org

GEBCO makes available a range of bathymetric products and services which can be accessed from: www.gebco.net/data_and_products/

The GEBCO chart series was initiated in 1903 by Prince Albert I of Monaco. Further information about the history of GEBCO can be found on our web site.

www.gebco.net

GEBCO's products and services

Global gridded bathymetry data sets

The GEBCO Grid is a continuous, global terrain model for ocean and land with a spatial resolution of 15 arc seconds.

The grid uses as a 'base' the SRTM15+ data set (https://topex.ucsd.edu/WWW_html/srtm15_plus.html). This data set is a fusion of land topography with measured and estimated seafloor topography. It is augmented with gridded bathymetric data sets, largely based on multibeam data sets, developed by the four Seabed 2030 Regional Centers.

GEBCO's grids are available to download in ASCII raster, GeoTiff and netCDF.

Gazetteer of Undersea Feature Names

A digital data set giving the name, generic feature type and geographic location of names of features on the seafloor.

GEBCO world map

The map shows the bathymetry of the world's ocean floor in the form of a shaded relief colour map. It is based on the GEBCO_14 Grid and can be accessed as an image file.

GEBCO Web Map Service (WMS)

The GEBCO Grid is available as a WMS, a means of accessing geo-referenced map images over the internet.

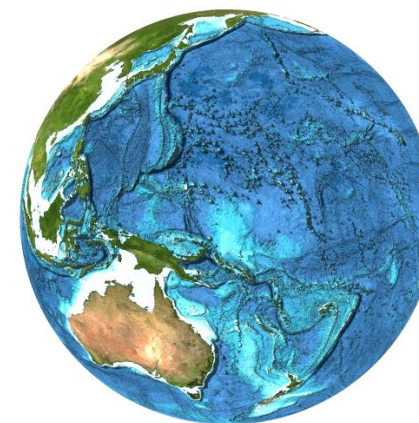
IHO-IOC GEBCO Cook Book

The Cook Book is a technical reference manual containing information on the development of bathymetric grids and related topics.

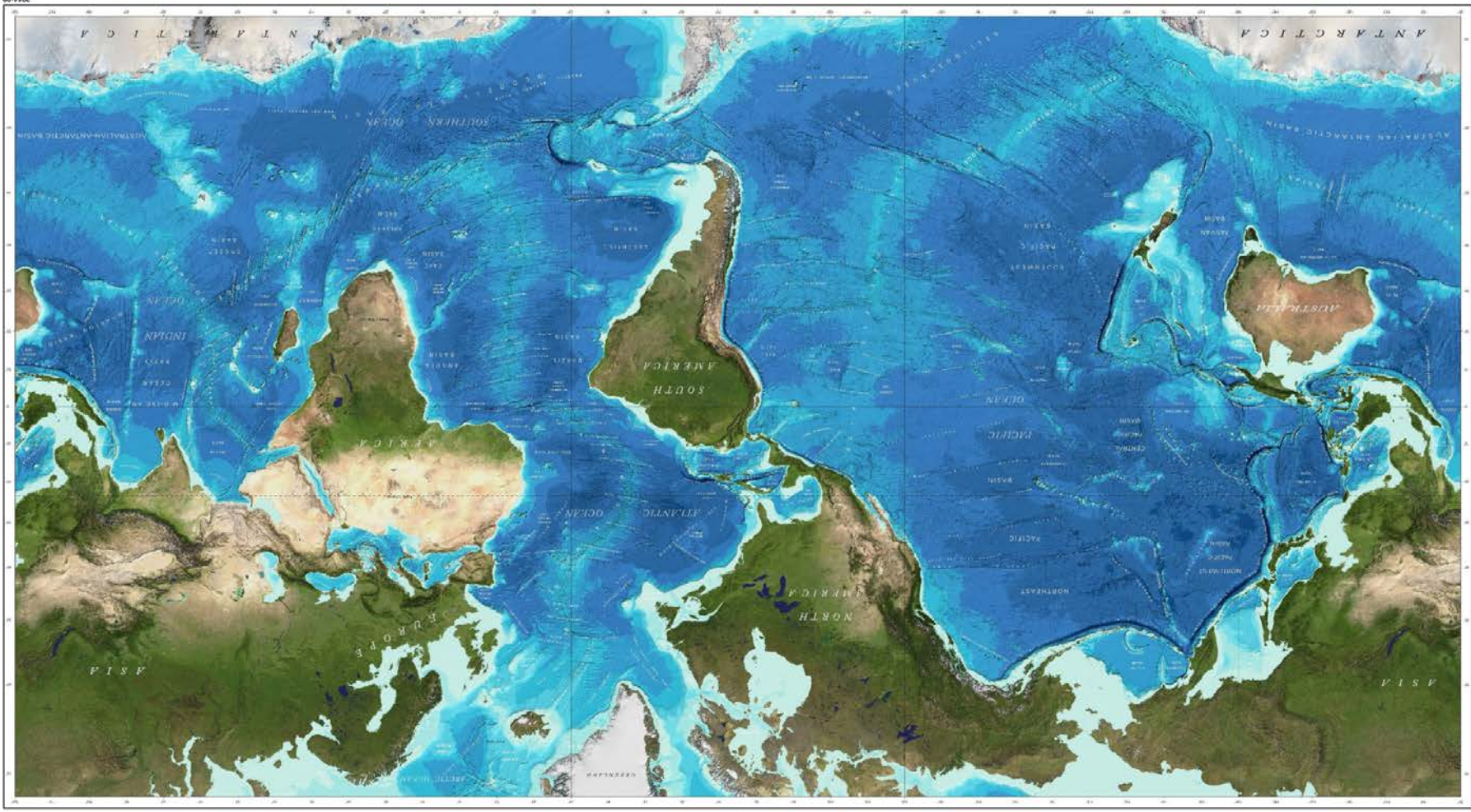
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GEBCO Operates under the joint auspices of the International Hydrographic Organization (IHO) and Intergovernmental Oceanographic Commission (IOC) of UNESCO



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GEBCO world map

