

Resource Summary Report

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Antarctic and Southern Ocean Data Portal

RRID:SCR_002193

Type: Tool

Proper Citation

Antarctic and Southern Ocean Data Portal (RRID:SCR_002193)

Resource Information

URL: <http://www.marine-geo.org/portals/antarctic/>

Proper Citation: Antarctic and Southern Ocean Data Portal (RRID:SCR_002193)

Description: Accepts and provides access to geoscience data, primarily marine, collected from oceanographic expeditions in the Antarctic region. The synthesis began in 2003 as the Antarctic Multibeam Bathymetry and Geophysical Data Synthesis (AMBS) with a focus on multibeam bathymetry field data and other geophysical data from the Southern Ocean collected with the R/V N. B. Palmer. In 2005, the effort was expanded to include all routine underway geophysical and oceanographic data collected with both the R/V N. B. Palmer and R/V L. Gould, the two primary research vessels serving the US Antarctic Program. Data available include seafloor bathymetry, subbottom profiling, trackline gravity and magnetics, meteorological, and water column data as well as basic cruise information for all Palmer and Gould expeditions. Seafloor bathymetry data are provided both as raw swath data as well as in gridded form through the Global Multi-Resolution Topography (GMRT) synthesis. This gridded compilation of seafloor bathymetry data can be accessed through GeoMapApp, Create Maps and Grids and through an OGC-compliant Web Map Service. GeoMapApp is an integrated mapping application that provides access to many additional regional bathymetric grids, seismic, radar, gravity and magnetics profiles as well as other map and grid compilations for the Antarctic continent including LIMA.

Abbreviations: ASODS

Synonyms: Antarctic & Southern Ocean Data Portal

Resource Type: data or information resource, data set

Keywords: oceanography, ocean, marine, antarctic, southern ocean, geoscience, polar, seafloor, bathymetry, subbottom profiling, trackline gravity, magnetics, meteorological, water

column, map, grid

Funding: NSF

Availability: Creative Commons Attribution-NonCommercial-ShareAlike License, v3, The community can contribute to this resource

Resource Name: Antarctic and Southern Ocean Data Portal

Resource ID: SCR_002193

Alternate IDs: nlx_154703

Record Creation Time: 20220129T080212+0000

Record Last Update: 20250521T060828+0000

Ratings and Alerts

No rating or validation information has been found for Antarctic and Southern Ocean Data Portal.

No alerts have been found for Antarctic and Southern Ocean Data Portal.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.