

# SCAR Databases



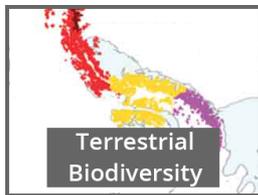
## Antarctic Master Directory (AMD)

the largest collection of Antarctic data set descriptions in the world, holding over 7700 dataset descriptions from 25 countries



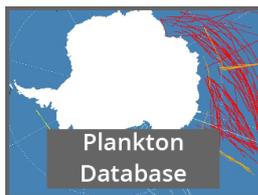
## biodiversity.aq

establishes and supports a distributed system of interoperable databases, giving easy access through a single internet portal to a set of resources relevant to research, conservation and management pertaining to Antarctic biodiversity (also known as ANTABIF, the Antarctic Biodiversity Information Facility)



## Antarctic (Terrestrial) Biodiversity Database

an online database of terrestrial species that captures all recorded species observations and their locations from the Antarctic and subantarctic including information on taxonomy, collections and observations, bioregions, and alien species



## Continuous Plankton Recorder Database (CPR)

a high quality dataset for the purposes of mapping plankton biodiversity: monitoring and development of models at seasonal, inter-annual, decadal, and spatially local and global scales; and providing core plankton data for ecosystem models

# Reference Antarctic Data for Environmental Research (READER)

ID	Name	Latitude	Longitude	Height	Temperature
0000	Adelade	61.00	68.0 W	Sea	Ant 002 002 122 0
0001	Abbotsway, Bevon	64.00	62.0 W	Sea	Ant 002 002 122 0
0002	Admiral, Scott	80.0	80.0	200m	Ant 002 002 122 0
0003	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0004	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0005	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0006	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0007	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0008	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0009	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0010	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0011	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0012	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0013	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0014	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0015	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0016	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0017	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0018	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
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0022	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
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0024	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
0025	Admiral, Scott	80.0	80.0	Sea	Ant 002 002 122 0
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## Met-READER

a database contains monthly mean surface and upper air climatological data derived from the in-situ meteorological observations made at Antarctic stations with long-term records, including temperature, surface pressure, wind speed/direction and geopotential height



## Ice-READER

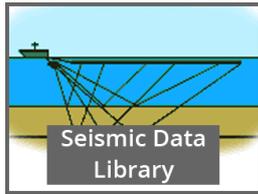
a list and interactive maps showing the locations of all the cores that have been collected as part of the International Trans-Antarctic Science Expedition and other initiatives that includes data on the depth of the core, sampling frequency, time coverage, mean snow accumulation, chemical analysis



## Ocean-READER

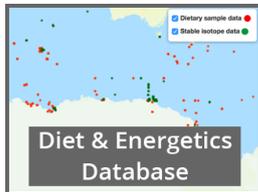
a portal to oceanography data that may be of interest to those concerned with climate change at high southern latitudes, mainly focusing on temperature, salinity and current data

and site elevation



### Seismic Data Library System (SDLS)

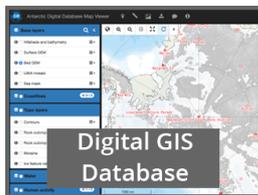
provides open access to all multichannel seismic reflection (MCS) data collected south of 60° S



### Southern Ocean Diet and Energetics Database (SO-Diet)

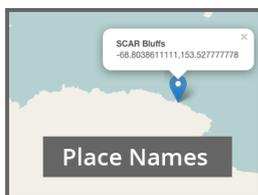
a centralised database for information related to diet and energy flow from conventional (e.g. gut content) and modern (e.g. molecular) studies, stable isotopes, fatty acids, and energetic content fundamental to a diverse range of Antarctic and Southern Ocean biological and ecosystem studies

## SCAR Map and Geographic Information Products



### ADD - Antarctic Digital Database

a compilation of the best international topographic mapping for Antarctica at scales between 1:250,000 and 1:10 M that can be viewed on a range of vector and satellite image backdrops. The underlying data can be downloaded free of charge in a range of formats for onward work in desktop GIS



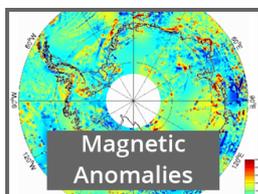
### Composite Gazetteer of Antarctica (CGA)

a searchable database of all Antarctic place-names from each country active in Antarctica including the names of features south of 60° S, both terrestrial and undersea or under-ice



### Antarctic Map Catalogue

a catalogue of international maps for Antarctica is compiled and maintained by the Australian Antarctic Division Data Centre containing entries for over 5000 hard copy maps from 26 countries and about 1000 digital maps from five countries



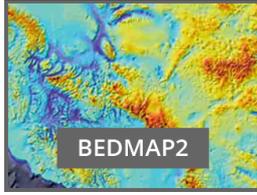
### ADMMap - Antarctic Digital Magnetic Anomaly Project

a digital database of all existing near-surface and satellite magnetic anomaly data collected in Antarctica and surrounding oceans south of 60 degrees



### Air Operations Planning Maps

a series of maps at 1:1M scale, together with a continent over-view map, to support Air Operations planning. The maps are compiled collaboratively by Belgium (in cooperation with Australia), Norway, the UK and USA. The maps and digital data are freely available for download.



### BEDMAP2 - Antarctic Bedrock Mapping

a new suite of gridded products describing surface elevation, ice-thickness and the sea floor and subglacial bed elevation of the Antarctic south of 60° S



### International Bathymetric Chart of the Southern Ocean (IBCSO)

an enhanced digital database that contains bathymetric data available south of 60S latitude used to produce a consistent bathymetric chart of the Southern Ocean

*Drake Passage Bathymetry Map: a new map covering an area of 1470000 km<sup>2</sup> between parallels 52°S and 63°S and between meridians 70°W and 50°W, where the high resolution bathymetric data covers more than 70% of the region with a 200 m cell resolution of the sea floor topography*



### Quantarctica

a downloadable collection of Antarctic geographical datasets which works with the free, open-source software QGIS and currently includes geography, glaciology and geophysics data, and will expand with contributions from the research community