PGC maintains a list of external (non-PGC) polar GIS data resources.

**Overview**

PGC does not directly publish many polar GIS datasets. However, there are many GIS resources available.

The list below is non-exhaustive, but is a curated list of repositories and datasets that PGC uses and recommends. PGC does not provide support for using any of these datasets.

If you are a polar GIS data provider and would like to add your data to this list, we would love to add you! Just send us a message with details.

**GIS Data**

**Antarctic Digital Database**

Vector and raster GIS datasets for Antarctica including coastlines, rock outcrops, contours, hillshades, and more. Maintained by the British Antarctic Survey.

Portal URL: [http://www.add.scar.org](http://www.add.scar.org)

**Quantarctica**

Hundreds of vector and raster GIS and scientific datasets for Antarctica, developed for an online and offline use using QGIS software. Quantarctica version 3.2 was released in January 2021. For researchers who want to get started with geospatial data of Antarctica, this is a great resource. Quantarctica is maintained by the Norwegian Polar Institute.

Portal URL: [https://www.scar.org/resources/quantarctica](https://www.scar.org/resources/quantarctica)

**QGreenland**

Hundreds of vector and raster GIS and scientific datasets for Greenland, developed for an online and offline use using QGIS software. QGreenland version 2.0 was released in March 2022. For researchers who want to get started with geospatial data of Greenland, this is a great resource. QGreenland is maintained by the National Snow and Ice Data Center.

Portal URL: [https://qgreenland.org/download](https://qgreenland.org/download)

**SCAR Composite Gazetteer of Antarctica**

Antarctic placename gazetteer including named features from SCAR countries. Maintained by Programma Nazionale di Ricerche in Antartide (Italy).

**SCAR Map Catalogue**

Historic and contemporary Antarctic maps. Maintained by the Australian Antarctic Division.


**United States Antarctic Place Names**

Official United States Antarctic place names from the U.S. Board on Geographic Names. Note, these names are ingested into the SCAR Composite Gazetteer of Antarctica.

Portal URL: https://geonames.usgs.gov

**National Geospatial-Intelligence Agency Arctic Open Data**

Publicly released datasets of the Arctic including aeronautical, boundaries, communications, elevation, hydrography, transportation, and natural resources.

Portal URL: http://arctic-nga.opendata.arcgis.com

**Arctic Research Mapping Application (ARMAP)**

Arctic project locations and ship tracks for National Science Foundation-funded research.

Portal URL: http://armap.org

**Natural Resources Canada**


**Petrochron antarctica**

Relational database containing petrological, geochemical and geochronological datasets along with computed rock properties from sampled rocks across Antarctica. Supported by the SCAR Geosciences Group, the INSTANT, SERCE, and PAIS Scientific Research Programmes and the GHF subgroup.

Portal URL: https://unisthaus.maps.arcgis.com/apps/webappviewer/index.html?id=41510d1424d742cc8bb7a0bade72dd9b