

SCAR Standing Committee on Antarctic Geographic Information (SCAGI)

U.S. Representative

Cole Kelleher

Polar Geospatial Center
University of Minnesota

SCAR liaison to the United Nations Group of
Experts on Geographic Names (UNGEGN)



Scope

SCAGI compiles and integrates topographic data and place name information received from national Antarctic programs and other sources into the SCAR Antarctic Digital Database and SCAR Composite Gazetteer of Antarctica. SCAGI promotes an open standards approach to support free and unrestricted data access and develops the respective specifications in keeping with Article III.1.c of the Antarctic Treaty

SCAR Standing Committee on Antarctic Geographic Information (SCAGI)

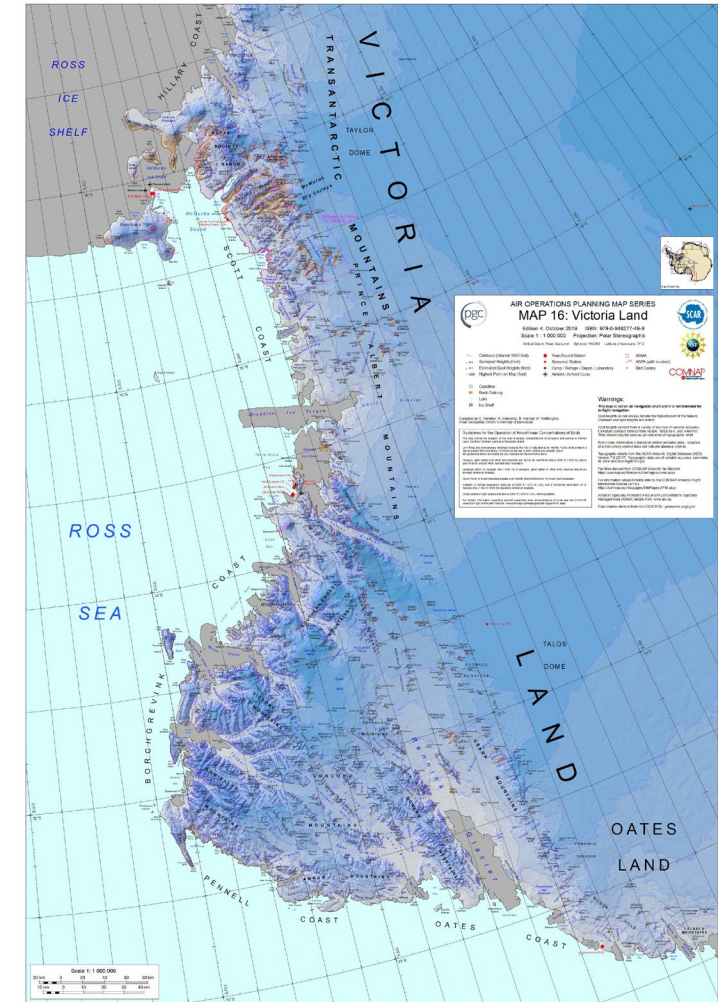
Critical Issues Being Discussed

- Antarctic place name principles and procedures to foster international cooperation and acceptance in Antarctic place naming activities by national naming authorities
- Accuracy improvement initiatives to Antarctic place names with new and increased geographic data availability
- Free, open, and up-to-date geographic/topographic data that can be integrated into the SCAR Antarctic Digital Database (ADD) for distribution
- Cartographic and accuracy standards for international SCAR-SCAGI map series
- Ongoing ways to coordinate the management, storage, and distribution responsibilities of Antarctic geographic data across nations with varying resources and abilities

SCAR Standing Committee on Antarctic Geographic Information (SCAGI)

Current Projects and Activities

- SCAR Principles and Procedures for Antarctic Place Names - Published in 2021 and endorsed by UNGEGN in 2023
- Maintaining the SCAR Composite Gazetteer of Antarctica (CGA)
- Updates and improvements to the SCAR Antarctic Digital Database
- Maintaining and adding to the SCAR Map Catalog and SCAR Feature Catalog
- Planning for Edition 5 of the 1:1M Air Operations Planning Map Series
- Accuracy improvements to over 11,000 US Antarctic place names (PGC & USGS)



SCAR Standing Committee on Antarctic Geographic Information (SCAGI)

Future Directions

- Publication of Edition 5 of the 1:1M Air Operations Planning Map Series
- All topographic data layers used in 1:1M Air Operations Planning Map Series to be included in the SCAR Antarctic Digital Database (ADD)
- SCAGI endorsed geographic datasets
- Amendments and revisions to the SCAR Principles and Procedures for Antarctic Place Names
- Updates to the SCAR Feature Catalog for more efficient submissions by member nations to the SCAR Composite Gazetteer of Antarctica
- SCAGI foundational trainings on open source geospatial software and Antarctic data

SCAR Standing Committee on Antarctic Geographic Information (SCAGI)

Resources

SCAGI Website:

<https://scar.org/science/standing/scagi>

SCAR Principles and Procedures for Antarctic Place Names:

<https://scar.org/~documents/route%3A/download/5729>

SCAR Map Catalog:

<https://data.aad.gov.au/aadc/mapcat/>

SCAR Antarctic Digital Database

<https://add.scar.org/>

SCAR Composite Gazetteer of Antarctica:

<https://data.aad.gov.au/aadc/gaz/scar/>

US Board of Geographic Names – Antarctic Names:

<https://www.usgs.gov/us-board-on-geographic-names/antarctic-names>