

Resource Summary Report

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Antarctic Marine Geology Research Facility

RRID:SCR_002213

Type: Tool

Proper Citation

Antarctic Marine Geology Research Facility (RRID:SCR_002213)

Resource Information

URL: <http://arf.fsu.edu/>

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Description: National repository for geological materials collected in polar regions housing over 20,000 meters of deep-sea core sediment and over 5,000 kg of dredge, trawl, and grab samples, the largest such Southern Ocean collection in the world. These materials have been acquired from over 90 USAP research vessel cruises. The Facility also houses and curates nearly 3,000 meters of rotary cored geological material acquired by NSF supported drilling programs in the Antarctic. Replacement cost of this core inventory in terms of ship and ice-based drilling is conservatively estimated to be in the range of \$150 to \$200M. SESAR or the the System for Earth Sample Registration is a service provided by the IDEA. SESAR operates the registry that distributes the International Geo Sample Number IGSN. SESAR catalogs and preserves sample metadata profiles, and provides access to the sample catalog via the Global Sample Search. Facility services include:

- * curation of the existing collections at the facility
- * onsite ship and land based curatorial services
- * receipt and processing of new cores
- * core description and publication of core descriptions
- * distribution of samples from the collection to authorized scientists
- * hosting of scientific meetings and workshops
- * tours, lectures, and student education and training in Antarctic geoscience
- * maintenance of:
 - ** a core and sample database
 - ** an Antarctic geology and marine geology reference library and a searchable End Note computer database of the entire collection
 - ** a satellite IODP/MRC for nannofossils and diatoms

Abbreviations: AMGRF, ARF

Synonyms: Antarctic Research Facility

Resource Type: material resource, biomaterial supply resource

Keywords: marine, sediment, deep freeze, polar, international geosample number, geosample, x-ray, antarctic, x-radiograph, map, nannofossil, diatom, data set, metadata

Funding: NSF 838901

Availability: Acknowledgement requested, The community can contribute to this resource, Distribution to authorized scientists

Resource Name: Antarctic Marine Geology Research Facility

Resource ID: SCR_002213

Alternate IDs: nlx_154735

Record Creation Time: 20220129T080212+0000

Record Last Update: 20250424T064534+0000

Ratings and Alerts

No rating or validation information has been found for Antarctic Marine Geology Research Facility.

No alerts have been found for Antarctic Marine Geology Research Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.