

# Resource Summary Report

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## Integrated Earth Data Applications

RRID:SCR\_006739

Type: Tool

### Proper Citation

Integrated Earth Data Applications (RRID:SCR\_006739)

### Resource Information

**URL:** <http://www.iedadata.org/>

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**Description:** A community-based data facility to support, sustain, and advance the geosciences by providing data services for observational solid earth data from the Ocean, Earth, and Polar Sciences. IEDA systems enable these data to be discovered and reused by a diverse community now and in the future. Data services include data access, data analysis, data compliance, data publication, DOI search, and web services. Desktop apps GeoMapApp and Virtual Ocean are available to explore, visualize and analyze your own data within the context of hundreds of other earth science data from around the world. IEDA is a partnership between EarthChem and the Marine Geoscience Data System (MGDS). EarthChem and MGDS systems include the geochemical databases PetDB and SedDB, the geochemistry data network EarthChem, the Ridge2000 and MARGINS Data Portals, the Academic Seismic Portal field data collection, the Antarctic and Southern Ocean Data System, the Global Multi Resolution Topography synthesis, and the System for Earth Sample Registration SESAR.

**Abbreviations:** IEDA

**Resource Type:** data or information resource, data repository, database, storage service resource, production service resource, data analysis service, service resource, analysis service resource

**Keywords:** map, ocean, earth, polar, sciences, ocean sciences, earth sciences, polar sciences, doi, global geochemistry, marine geoscience

**Funding:** NSF

**Availability:** The community can contribute to this resource, Free, Open unspecified license

**Resource Name:** Integrated Earth Data Applications

**Resource ID:** SCR\_006739

**Alternate IDs:** nlx\_156096

**Record Creation Time:** 20220129T080237+0000

**Record Last Update:** 20260820T054522+0000

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## Ratings and Alerts

No rating or validation information has been found for Integrated Earth Data Applications.

No alerts have been found for Integrated Earth Data Applications.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Damerow JE, et al. (2025) Opening doors to physical sample tracking and attribution in Earth and environmental sciences. Scientific data, 12(1), 1047.