Resource Summary Report

Generated by NIF on May 19, 2025

GeoMapApp

RRID:SCR_021919
Type: Tool

Proper Citation

GeoMapApp (RRID:SCR_021919)

Resource Information

URL: http://www.geomapapp.org/

Proper Citation: GeoMapApp (RRID:SCR_021919)

Description: Web tool as map based application for browsing, visualizing and analyzing diverse suite of curated global and regional geoscience data sets. These cover geophysics, geology, geochemistry, physical oceanography, climatology, and more. Runs with Java under Windows, Mac OS X, Linux and Unix/Solaris operating systems.

Resource Type: software resource, web application

Keywords: Marine Geoscience Data System, Lamont-Doherty Earth Observatory, geoscience data sets, browsing curated geoscience data, visualizing curated geoscience data, analyzing curated geoscience data

Funding:

Availability: Free, Available for download, Freely available

Resource Name: GeoMapApp

Resource ID: SCR_021919

Record Creation Time: 20220421T050137+0000

Record Last Update: 20250517T060454+0000

Ratings and Alerts

No rating or validation information has been found for GeoMapApp.

No alerts have been found for GeoMapApp.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 26 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Somoza L, et al. (2025) Giant pit craters on the modern seafloor above magma-induced hydrothermal vent complexes of Scotia Sea, offshore Antarctica. Scientific reports, 15(1), 3139.

O'Connor JM, et al. (2024) Synchronous motion of the Easter mantle plume and the East Pacific Rise. Nature communications, 15(1), 9953.

Haase KM, et al. (2024) Slab steepening and rapid mantle wedge replacement during back-arc rifting in the New Hebrides. Nature communications, 15(1), 6070.

Le Houedec S, et al. (2024) Modulation of the northward penetration of Antarctica intermediate waters into the eastern equatorial Indian Ocean under glacial and interglacial conditions. Scientific reports, 14(1), 6673.

Li C, et al. (2024) The trunk replaces the longer mandible as the main feeding organ in elephant evolution. eLife, 12.

Kendlbacher V, et al. (2024) Zoothamnium mariella sp. nov., a marine, colonial ciliate with an atypcial growth pattern, and its ectosymbiont Candidatus Fusimicrobium zoothamnicola gen. nov., sp. nov. PloS one, 19(4), e0300758.

Peña-Salinas ME, et al. (2024) Thermotogota diversity and distribution patterns revealed in Auka and JaichMaa 'ja 'ag hydrothermal vent fields in the Pescadero Basin, Gulf of California. PeerJ, 12, e17724.

Aloisi G, et al. (2024) Chlorine isotopes constrain a major drawdown of the Mediterranean Sea during the Messinian Salinity Crisis. Nature communications, 15(1), 9671.

Díaz JA, et al. (2024) From caves to seamounts: the hidden diversity of tetractinellid sponges from the Balearic Islands, with the description of eight new species. PeerJ, 12, e16584.

Omura T, et al. (2024) Microbial decomposition of biodegradable plastics on the deep-sea floor. Nature communications, 15(1), 568.

Kaifu Y, et al. (2024) Early evolution of small body size in Homo floresiensis. Nature communications, 15(1), 6381.

Alfaro-Lucas JM, et al. (2024) Fluid chemistry alters faunal trophodynamics but not composition on the deep-sea Capelinhos hydrothermal edifice (Lucky Strike vent field, Mid-Atlantic Ridge). Scientific reports, 14(1), 1940.

Dardiry M, et al. (2023) Divergent combinations of cis-regulatory elements control the evolution of phenotypic plasticity. PLoS biology, 21(8), e3002270.

Gong L, et al. (2023) Middle Pleistocene re-organization of Australian Monsoon. Nature communications, 14(1), 2002.

Paul R, et al. (2023) Complex organic matter degradation by secondary consumers in chemolithoautotrophy-based subsurface geothermal ecosystems. PloS one, 18(8), e0281277.

Homrighausen S, et al. (2023) Evidence for compositionally distinct upper mantle plumelets since the early history of the Tristan-Gough hotspot. Nature communications, 14(1), 3908.

Ohenhen LO, et al. (2023) Hidden vulnerability of US Atlantic coast to sea-level rise due to vertical land motion. Nature communications, 14(1), 2038.

DeVitre CL, et al. (2023) Oceanic intraplate explosive eruptions fed directly from the mantle. Proceedings of the National Academy of Sciences of the United States of America, 120(33), e2302093120.

Leong TSJ, et al. (2023) Water-sulfur-rich, oxidised adakite magmas are likely porphyry copper progenitors. Scientific reports, 13(1), 5078.

Schierjott JC, et al. (2023) How transform fault shear influences where detachment faults form near mid-ocean ridges. Scientific reports, 13(1), 9259.