

Resource Summary Report

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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

Availability: Free, Available for download, Freely available

Resource Name: GeoMapApp

Resource ID: SCR_021919

Record Creation Time: 20220421T050137+0000

Record Last Update: 20260905T132948+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

Usage and Citation Metrics

We found 65 mentions in open access literature.

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

Zhang W, et al. (2026) Arc magma formation through the fluid-fluxed mélange melting in subduction zones. *Nature communications*, 17(1).

?engül Uluocak E, et al. (2026) Anatomy of a post-subduction collision. *Nature communications*, 17(1).

Zhang WQ, et al. (2026) Zinc isotope evidence for extensive carbonate recycling in the Arctic asthenosphere. *Nature communications*, 17(1).

Gao M, et al. (2026) Progressive sub-arc mantle oxidation modulated by sediment melt. *Science advances*, 12(14), eaeb9023.

Camacho-López MD, et al. (2026) Salinity stress response of black yeasts isolated from deep-sea sediments of the Gulf of Mexico. *Communications biology*, 9(1).

Yue JP, et al. (2026) Technological innovations and hafted technology in central China ~160,000-72,000 years ago. *Nature communications*, 17(1), 615.

Zhang WQ, et al. (2025) Spreading modes at slow-spreading ridges shifted by mantle heterogeneity of the asthenosphere. *National science review*, 12(11), nwaf385.

Morisaki K, et al. (2025) More on mobility and sedentism: Changes in adaptation from Upper Paleolithic to Incipient Jomon, Tanegashima Island, southern Japan. *PloS one*, 20(1), e0314311.

Civile D, et al. (2025) Discovery of Cenozoic magmatic ridges and tectonics off northern Victoria Land provides new insights into the geodynamics of the Antarctic margin. *Scientific reports*, 15(1), 20303.

Worthey KB, et al. (2025) Expansion of forest cover and coeval shifts in Later Stone Age land-use at Taforalt and Rhafas Caves, Morocco, as inferred from carbon isotopes in ungulate tooth enamel. *PloS one*, 20(6), e0325691.

Li C, et al. (2025) Savanna ecosystems and mammalian adaptations in Mid-Miocene Northern China. *Scientific reports*, 15(1), 25586.

Gazel E, et al. (2025) Crustal to mantle melt storage during the evolution of Hawaiian volcanoes. *Science advances*, 11(20), eadu9332.

Cárdenas P, et al. (2025) Direct Development of Golf Ball Sponges, Genus *Craniella* (Demospongiae, Tetractinellida) From the Northeast Atlantic Ocean. *Molecular reproduction and development*, 92(10), e70059.

Shu Y, et al. (2025) Mélange dehydration and melting beneath South Sandwich Islands arc. *Nature communications*, 16(1), 1440.

Bhatia H, et al. (2025) Early Miocene ventricose bamboo from south Asia with implications for evolutionary ecology and biogeography. *iScience*, 28(5), 112455.

Liu Y, et al. (2025) Methane filtration and metabolic cooperation of microbial communities in cold seep water columns from South China Sea. *Communications biology*, 8(1), 1052.

Devendra D, et al. (2025) Expanding the footprint of the Storegga tsunami through new evidence from Arctic marine sediments. *Scientific reports*, 15(1), 24809.

Szymańska N, et al. (2025) First record of the foraminiferal species *Ammonia confertitesta* in southeastern Baltic sea. *Scientific reports*, 15(1), 33562.

Parker RL, et al. (2025) Synchronous mid-Holocene marine and terrestrial deglaciation in the Ross Sea, Antarctica. *Nature communications*, 16(1), 11291.

Liu YC, et al. (2025) Mesoscale and microscopic structures record compaction and crystal-melt segregation in silicic mushes. *Scientific reports*, 15(1), 35843.