

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: 20260804T043730+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 45 mentions in open access literature.

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

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.

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

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

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.

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.

Tholt A, et al. (2025) Building better biochronology: New fossils and $^{40}\text{Ar}/^{39}\text{Ar}$ radioisotopic dates from Central Anatolia. Proceedings of the National Academy of Sciences of the United States of America, 122(12), e2424428122.

Bernardini S, et al. (2025) The Tubotomaculum Enigma and the Rise of Benthic Life During the Opening of the Western Mediterranean Basin. Geobiology, 23(5), e70031.

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

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

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.

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

Talamo S, et al. (2025) Boomerang and bones: Refining the chronology of the Early Upper Paleolithic at Obłazowa Cave, Poland. PloS one, 20(6), e0324911.

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.

Fernández FJ, et al. (2025) Soft-sediment deformation structures in Holocene coastal gravel deposits reveal two 1.8-2.0 ka old $M_w > 7.0$ earthquakes in southern-central Hispaniola. *Scientific reports*, 15(1), 26793.

Peng X, et al. (2025) Flourishing chemosynthetic life at the greatest depths of hadal trenches. *Nature*, 645(8081), 679.

Zongquan Y, et al. (2025) Diagenetic facies and pore evolution of tight sandstone reservoirs of the Jiamuhe formation in the Shawan sag, Junggar basin. *Scientific reports*, 15(1), 22460.

Le H, et al. (2025) Buried deep freshwater reserves beneath salinity-stressed coastal Bangladesh. *Nature communications*, 16(1), 10740.

Ding S, et al. (2025) Redox and magma recharge controls on excess sulfur build-up at Mount Samalas, 1257 CE. *Nature communications*, 16(1), 9256.

Worthey KB, et al. (2025) Correction: 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(11), e0336238.