

Resource Summary Report

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National Geophysical Data Center

RRID:SCR_009429

Type: Tool

Proper Citation

National Geophysical Data Center (RRID:SCR_009429)

Resource Information

URL: <http://www.ngdc.noaa.gov/>

Proper Citation: National Geophysical Data Center (RRID:SCR_009429)

Description: National Data Center that provides scientific stewardship, products, and services for geophysical data from sea floor and solid earth environments, including Earth observations from space. Please note that routine underway geophysical shipboard data collected with standard equipment aboard the UNOLS fleet (e.g. bathymetry, subbottom, magnetics, gravity) are routinely transmitted to NGDC via Rolling Deck to Repository (R2R).

Abbreviations: NGDC

Resource Type: data or information resource, service resource, portal, organization portal

Keywords: geophysics, sea floor, solid earth, bathymetry, subbottom, magnetics, gravity

Resource Name: National Geophysical Data Center

Resource ID: SCR_009429

Alternate IDs: nlx_154716

Record Creation Time: 20220129T080252+0000

Record Last Update: 20260729T044220+0000

Ratings and Alerts

No rating or validation information has been found for National Geophysical Data Center.

No alerts have been found for National Geophysical Data Center.

Data and Source Information

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Song R, et al. (2025) A case study of the three-dimensional co-seismic ionospheric disturbance evolution. *Scientific reports*, 15(1), 42209.

Zhang H, et al. (2025) Understanding the trade-off and synergy effects of landscape multifunctional and its driving mechanism in rapidly urbanizing areas. *Scientific reports*, 15(1), 25087.

Zhou W, et al. (2025) A new framework for landslide susceptibility mapping in contiguous impoverished areas using machine learning and catastrophe theory. *Scientific reports*, 15(1), 10620.

Yang F, et al. (2025) Evaluating the Impact of Climate Change on the Asia Habitat Suitability of *Troides helena* Using the MaxEnt Model. *Insects*, 16(1).

Bouyahiaoui B, et al. (2025) Identification of subsurface cavities in urban environment. *Scientific reports*, 15(1), 2326.

Qian Q, et al. (2025) Changes in the Distribution of *Botrytis cinerea* Pers. Fr. In China Under Climate Change. *Ecology and evolution*, 15(7), e71640.

Duran Gomez GS, et al. (2025) Submesoscale Eddy induced nitrate upwelling and effect on biological production in the upstream Kuroshio Current. *Scientific reports*, 15(1), 22618.

Tang H, et al. (2024) Ecosystem service valuation and multi-scenario simulation in the Ebinur Lake Basin using a coupled GMOP-PLUS model. *Scientific reports*, 14(1), 5071.

Kakoti G, et al. (2023) Unveiling the combined effects of neutral dynamics and electrodynamic forcing on dayside ionosphere during the 3-4 February 2022 "SpaceX" geomagnetic storms. *Scientific reports*, 13(1), 18932.

Guo J, et al. (2023) Study on carbon emission reduction effect of institutional openness in China. *Scientific reports*, 13(1), 254.

Zhang J, et al. (2023) The coupling relationship and driving mechanism between urbanization and ecosystem services in the Yellow River Basin from a multi-spatial scale perspective. *PloS one*, 18(12), e0293319.

Jung Y, et al. (2022) Remote impacts of 2009 and 2015 El Niño on oceanic and biological processes in a marginal sea of the Northwestern Pacific. *Scientific reports*, 12(1), 741.

Xia S, et al. (2022) Heterogeneity and the determinants of PM_{2.5} in the Yangtze River Economic Belt. *Scientific reports*, 12(1), 4189.

Fukuda N, et al. (2022) Active swimming and transphort by currents observed in Japanese eels (*Anguilla japonica*) acoustically tracked in the western North Pacific. Scientific reports, 12(1), 3490.

Calzolari M, et al. (2021) Mosquitoes of the *Maculipennis* complex in Northern Italy. Scientific reports, 11(1), 6421.

Zhang Y, et al. (2021) Alpine speciation and morphological innovations: revelations from a species-rich genus in the northern hemisphere. AoB PLANTS, 13(3), plab018.

Kang JC, et al. (2021) Age and growth of *Palaeoloxodon huaihoensis* from Penghu Channel, Taiwan: significance of their age distribution based on fossils. PeerJ, 9, e11236.

Peters GW, et al. (2021) Spatial Warped Gaussian Processes: Estimation and Efficient Field Reconstruction. Entropy (Basel, Switzerland), 23(10).

Piecuch CG, et al. (2020) Likely weakening of the Florida Current during the past century revealed by sea-level observations. Nature communications, 11(1), 3973.

Li B, et al. (2020) Ionospheric Phase Compensation for InSAR Measurements Based on the Faraday Rotation Inversion Method. Sensors (Basel, Switzerland), 20(23).