

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

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, portal, organization portal, service resource

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: 20260808T185920+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 46 mentions in open access literature.

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

Chen EY, et al. (2026) Mitogenomic organization and characteristics of deep-sea pelagic ostracods from both polar regions. BMC genomics, 27(1).

Dong S, et al. (2026) Impact of Spatial structure of urban agglomerations on green innovation in China. Scientific reports, 16(1), 2399.

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).

Iakovenko NS, et al. (2025) The Effect of High-Voltage Power Lines on Magnetic Orientation of Domestic Dogs. Animals : an open access journal from MDPI, 15(24).

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.

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.

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

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.

Gan T, et al. (2025) Modeling the potential distribution of Hippophae rhamnoides in China under current and future climate scenarios using the biomod2 model. Frontiers in plant science, 16, 1533251.

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

Koren I, et al. (2025) Not as random: the stable dynamics controlling shallow convective clouds. NPJ climate and atmospheric science, 8(1), 43.

Peng Y, et al. (2025) Quantifying Potentially Suitable Geographical Habitat Changes in Chinese Caterpillar Fungus with Enhanced MaxEnt Model. Insects, 16(3).

Wang Z, et al. (2025) Predicting the Future Geographic Distribution of the Traditional Chinese Medicinal Plant *Epimedium acuminatum* Franch. in China Using Ensemble Models Based on Biomod2. *Plants* (Basel, Switzerland), 14(7).

Peng Y, et al. (2024) Global Distribution Prediction of *Cyrtotrachelus buqueti* Guer (Coleoptera: Curculionidae) Insights from the Optimised MaxEnt Model. *Insects*, 15(9).

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.

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.

Wang Z, et al. (2023) Determining the ecological security pattern and important ecological regions based on the supply-demand of ecosystem services: A case study of Xuzhou City, China. *Frontiers in public health*, 11, 1087588.

Zhao H, et al. (2023) Spatial pattern evolution and prediction scenario of habitat quality in typical fragile ecological region, China: A case study of the Yellow River floodplain area. *Heliyon*, 9(3), e14430.