Resource Summary Report

Generated by NIF on Apr 28, 2025

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 geophyiscal 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: service resource, organization portal, portal, data or information resource

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

Funding:

Resource Name: National Geophysical Data Center

Resource ID: SCR_009429

Alternate IDs: nlx_154716

Record Creation Time: 20220129T080252+0000

Record Last Update: 20250428T053507+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

Source: SciCrunch Registry

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

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.

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.

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

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 PM2.5 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.

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

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.

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.

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).

Li Q, et al. (2020) Statistical Study of the Seasonal Variations in TEC Depletion and the ROTI during 2013-2019 over Hong Kong. Sensors (Basel, Switzerland), 20(21).

Cursach JA, et al. (2019) Predicting the potential distribution of the endemic seabird Pelecanus thagus in the Humboldt Current Large Marine Ecosystem under different climate change scenarios. PeerJ, 7, e7642.

Guo R, et al. (2019) The Construction and Optimization of Ecological Security Pattern in the Harbin-Changchun Urban Agglomeration, China. International journal of environmental research and public health, 16(7).

Wu X, et al. (2019) Examining seasonal effect of urban heat island in a coastal city. PloS one, 14(6), e0217850.

Yunus AP, et al. (2019) Improved Bathymetric Mapping of Coastal and Lake Environments Using Sentinel-2 and Landsat-8 Images. Sensors (Basel, Switzerland), 19(12).