Resource Summary Report

Generated by NIF on Apr 26, 2025

CCHDO

RRID:SCR_007093
Type: Tool

Proper Citation

CCHDO (RRID:SCR_007093)

Resource Information

URL: http://cchdo.ucsd.edu/

Proper Citation: CCHDO (RRID:SCR_007093)

Description: Supports oceanographic research by providing access to high quality, global, vessel-based CTD and hydrographic data from GO-SHIP, WOCE, CLIVAR and other repeat hydrography programs. These data are openly accessible and served in standardized community formats (WHP-Exchange, WOCE, and netCDF). CCHDO also manages public and non-public CTD data for use by the global Argo and OceanSITES programs.

Abbreviations: CCHDO

Synonyms: CLIVAR and Carbon Hydrographic Data Office, CLIVAR & Carbon Hydrographic Data Office

Resource Type: service resource, storage service resource, data or information resource, data repository, database

Keywords: oceanographic, ctd, hydrographic, ocean, data set, time series, bottle, station, temperature, salinity, deep profile, profile data, whpo, go-ship, data assembly, access center

Funding: Climate Observations Division ;
NOAA ;
NSA

Availability: Free, Freely available

Resource Name: CCHDO

Resource ID: SCR_007093

Alternate IDs: nlx_154728

Alternate URLs: https://api.datacite.org/dois?prefix=10.7942

Record Creation Time: 20220129T080239+0000

Record Last Update: 20250426T055915+0000

Ratings and Alerts

No rating or validation information has been found for CCHDO.

No alerts have been found for CCHDO.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Baldry K, et al. (2024) A biological ocean data reformatting effort. Scientific data, 11(1), 215.

Larkin AA, et al. (2023) Basin-scale biogeography of Prochlorococcus and SAR11 ecotype replication. The ISME journal, 17(2), 185.

Katsumata K, et al. (2022) GO-SHIP Easy Ocean: Gridded ship-based hydrographic section of temperature, salinity, and dissolved oxygen. Scientific data, 9(1), 103.

Evans DG, et al. (2022) Dissipation of mesoscale eddies at a western boundary via a direct energy cascade. Scientific reports, 12(1), 887.

Raes EJ, et al. (2021) Metabolic pathways inferred from a bacterial marker gene illuminate ecological changes across South Pacific frontal boundaries. Nature communications, 12(1), 2213.

Yamazaki K, et al. (2021) Multidecadal poleward shift of the southern boundary of the Antarctic Circumpolar Current off East Antarctica. Science advances, 7(24).

Pérez FF, et al. (2021) Contrasting drivers and trends of ocean acidification in the subarctic Atlantic. Scientific reports, 11(1), 13991.

Larkin AA, et al. (2021) High spatial resolution global ocean metagenomes from Bio-GO-SHIP repeat hydrography transects. Scientific data, 8(1), 107.

Heo JM, et al. (2021) N2O dynamics in the western Arctic Ocean during the summer of 2017. Scientific reports, 11(1), 12589.

Ponsero AJ, et al. (2021) Planet Microbe: a platform for marine microbiology to discover and analyze interconnected 'omics and environmental data. Nucleic acids research, 49(D1), D792.

Pan XL, et al. (2020) The Southern Ocean with the largest uptake of anthropogenic nitrogen into the ocean interior. Scientific reports, 10(1), 8838.

Ye H, et al. (2020) Variation of pCO2 concentrations induced by tropical cyclones "Wind-Pump" in the middle-latitude surface oceans: A comparative study. PloS one, 15(3), e0226189.

Aoki S, et al. (2020) Reversal of freshening trend of Antarctic Bottom Water in the Australian-Antarctic Basin during 2010s. Scientific reports, 10(1), 14415.

Fu Y, et al. (2020) A stable Atlantic Meridional Overturning Circulation in a changing North Atlantic Ocean since the 1990s. Science advances, 6(48).

Llovel W, et al. (2019) Global ocean freshening, ocean mass increase and global mean sea level rise over 2005-2015. Scientific reports, 9(1), 17717.

Talley LD, et al. (2019) Southern Ocean Biogeochemical Float Deployment Strategy, With Example From the Greenwich Meridian Line (GO-SHIP A12). Journal of geophysical research. Oceans, 124(1), 403.

MacGilchrist GA, et al. (2019) Reframing the carbon cycle of the subpolar Southern Ocean. Science advances, 5(8), eaav6410.

Menezes VV, et al. (2017) Accelerated freshening of Antarctic Bottom Water over the last decade in the Southern Indian Ocean. Science advances, 3(1), e1601426.

Naveira Garabato AC, et al. (2017) High-latitude ocean ventilation and its role in Earth's climate transitions. Philosophical transactions. Series A, Mathematical, physical, and engineering sciences, 375(2102).

Tamsitt V, et al. (2017) Spiraling pathways of global deep waters to the surface of the Southern Ocean. Nature communications, 8(1), 172.