Resource Summary Report

Generated by NIF on Sep 2, 2026

Australian Ocean Data Network

RRID:SCR_023134
Type: Tool

Proper Citation

Australian Ocean Data Network (RRID:SCR_023134)

Resource Information

URL: https://portal.aodn.org.au/

Proper Citation: Australian Ocean Data Network (RRID:SCR_023134)

Description: Interoperable online network of marine and climate data resources.AODN Portal provides access to all available Australian marine and climate science data and provides the primary access to IMOS data.

Synonyms: Australian Ocean Data Network

Resource Type: data repository, service resource, storage service resource

Availability: Free, Freely available

Resource Name: Australian Ocean Data Network

Resource ID: SCR_023134

Alternate IDs: DOI:10.26198, r3d100011749, DOI:10.17616/R3CG82, r3d100010914, DOI:10.25504/FAIRsharing.j5eden

Alternate URLs: https://doi.org/10.26198, https://dx.doi.org/10.26198, http://doi.org/10.17616/R3CG82, https://fairsharing.org/10.25504/FAIRsharing.j5eden, https://doi.org/10.17616/R3CG82, https://doi.org/10.17616/R35057

Record Creation Time: 20230116T062750+0000

Record Last Update: 20260829T182816+0000

Ratings and Alerts

No rating or validation information has been found for Australian Ocean Data Network.

No alerts have been found for Australian Ocean Data Network.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Smith G, et al. (2026) WHACS: An Improved Global Wave Hindcast for the Australian Climate Service. Scientific data, 13(1).

Ferreira LC, et al. (2025) Marine predator movements create seascape connectivity in remote coral reef ecosystems. Movement ecology, 13(1), 72.

Lowe SC, et al. (2025) BenthicNet: A global compilation of seafloor images for deep learning applications. Scientific data, 12(1), 230.

Li Z, et al. (2025) Satellites reveal hot spots of ocean changes in the early 21st century. Science advances, 11(23), eads0307.

Sun C, et al. (2024) Climate refugia in the Great Barrier Reef may endure into the future. Science advances, 10(48), eado6884.

Ajani P, et al. (2024) High-resolution temperature, salinity and depth data from southeastern Australian estuaries, 2018-2021. Scientific data, 11(1), 968.

Barnett A, et al. (2024) From little things big things grow: enhancement of an acoustic telemetry network to monitor broad-scale movements of marine species along Australia's east coast. Movement ecology, 12(1), 31.

Salton M, et al. (2024) Correction: Niche partitioning and individual specialisation in resources and space use of sympatric fur seals at their range margin. Oecologia, 206(1-2), 213.

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

Ferreira LC, et al. (2024) Predicting suitable habitats for foraging and migration in Eastern Indian Ocean pygmy blue whales from satellite tracking data. Movement ecology, 12(1), 42.

Ling SD, et al. (2024) Climate-driven invasion and incipient warnings of kelp ecosystem collapse. Nature communications, 15(1), 400.

Brown MV, et al. (2024) A marine heatwave drives significant shifts in pelagic microbiology. Communications biology, 7(1), 125.

Tamizi A, et al. (2024) A dataset of global tropical cyclone wind and surface wave measurements from buoy and satellite platforms. Scientific data, 11(1), 106.

Kang HC, et al. (2023) Food web structure for high carbon retention in marine plankton communities. Science advances, 9(50), eadk0842.

Engel T, et al. (2022) How does variation in total and relative abundance contribute to gradients of species diversity? Ecology and evolution, 12(8), e9196.

O'Brien J, et al. (2022) The Microbiological Drivers of Temporally Dynamic Dimethylsulfoniopropionate Cycling Processes in Australian Coastal Shelf Waters. Frontiers in microbiology, 13, 894026.

Bourg N, et al. (2022) Driving the blue fleet: Temporal variability and drivers behind bluebottle (Physalia physalis) beachings off Sydney, Australia. PloS one, 17(3), e0265593.

Coghlan AR, et al. (2022) Community size structure varies with predator-prey size relationships and temperature across Australian reefs. Ecology and evolution, 12(4), e8789.