

Resource Summary Report

Generated by SPARC SAWG on Sep 14, 2026

AIMS Data Centre

RRID:SCR_010475

Type: Tool

Proper Citation

AIMS Data Centre (RRID:SCR_010475)

Resource Information

URL: <http://data.aims.gov.au>

Proper Citation: AIMS Data Centre (RRID:SCR_010475)

Description: Data catalogue, gathered by the Australian Institute of Marine Science (AIMS), a tropical marine research center, on marine science topics including reef weather, sea temperature, cyclones, and water quality.

Abbreviations: AIMS Data Centre

Synonyms: AIMS Data Catalogue, Australian Institute of Marine Science Data Centre, AIMS Data Center

Resource Type: data or information resource, database

Keywords: marine science, reef, marine, australia

Availability: Creative Commons Attribution License, v3 Australia, Access to some data will be via legal data agreement.

Resource Name: AIMS Data Centre

Resource ID: SCR_010475

Alternate IDs: nlx_157748, r3d100010933

Record Creation Time: 20220129T080259+0000

Record Last Update: 20260912T200203+0000

Ratings and Alerts

No rating or validation information has been found for AIMS Data Centre.

No alerts have been found for AIMS Data Centre.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Bernal MA, et al. (2022) Plasticity to ocean warming is influenced by transgenerational, reproductive, and developmental exposure in a coral reef fish. *Evolutionary applications*, 15(2), 249.

Glasl B, et al. (2021) Microbial Surface Biofilm Responds to the Growth-Reproduction-Senescence Cycle of the Dominant Coral Reef Macroalgae *Sargassum* spp. *Life* (Basel, Switzerland), 11(11).

Prazeres M, et al. (2018) Bleaching-Associated Changes in the Microbiome of Large Benthic Foraminifera of the Great Barrier Reef, Australia. *Frontiers in microbiology*, 9, 2404.

Ramsby BD, et al. (2018) The bioeroding sponge *Cliona orientalis* will not tolerate future projected ocean warming. *Scientific reports*, 8(1), 8302.

Veilleux HD, et al. (2018) Reproductive gene expression in a coral reef fish exposed to increasing temperature across generations. *Conservation physiology*, 6(1), cox077.

D'Olive JP, et al. (2017) Response of coral calcification and calcifying fluid composition to thermally induced bleaching stress. *Scientific reports*, 7(1), 2207.

Espinoza M, et al. (2016) Evidence of Partial Migration in a Large Coastal Predator: Opportunistic Foraging and Reproduction as Key Drivers? *PloS one*, 11(2), e0147608.

Prazeres M, et al. (2016) Influence of local habitat on the physiological responses of large benthic foraminifera to temperature and nutrient stress. *Scientific reports*, 6, 21936.

Donelson JM, et al. (2016) Transgenerational plasticity of reproduction depends on rate of warming across generations. *Evolutionary applications*, 9(9), 1072.

Lowe RJ, et al. (2016) Rising sea levels will reduce extreme temperature variations in tide-dominated reef habitats. *Science advances*, 2(8), e1600825.