

MIRAI MR16-09 Leg3 Total CO2 (TCO2)

Last Modified: 2019-07-31

[ReadMe](#) [Observation Data](#) [Data Format](#)

Cruise ID: [MR16-09 Leg3](#)

Total CO2 (TCO2): Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items: Total Dissolved inorganic carbon, Sea surface temperature, Sea surface salinity

Science Keywords:

OCEANS > OCEAN CHEMISTRY > INORGANIC CARBON
OCEANS > SALINITY/DENSITY > SALINITY
OCEANS > OCEAN TEMPERATURE > SEA SURFACE TEMPERATURE

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR16-09_leg1-4_all.pdf

[For Using Data](#)

Principal Investigator

Akihiko Murata (JAMSTEC)

Use Constraints

See [Terms and Conditions](#) about constrain of use.

Data Citation

See [Terms and Conditions](#) about data citation.

Instrument

Instrument:

TCO2 measurement system (MR09-04

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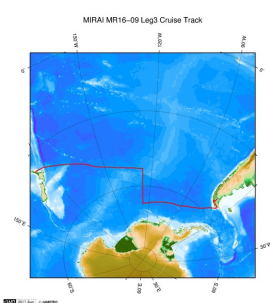
Data Citation

Refer [WHP P17E Revisit in 2017 Data Book](#) (doi: 10.17596/0000003) .

Overview

For details about observation, please refer to the Data book "[WHP P17E Revisit in 2017 Data Book](#)" (doi: 10.17596/0000003).

Related Information



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MR16-09 Leg3

Ship Name: MIRAI

Period: 2017-02-08 - 2017-03-04

Chief Scientist: Hiroshi Uchida (JAMSTEC)

Project Name: [POST-WOCE Hydrography]

Proposal ▶ Ship-borne measurements of aerosols in the marine atmosphere: Investigation of potential influence of marine aerosol particles on the climate;

Update History

2019-07-31 An observation data was registerd.

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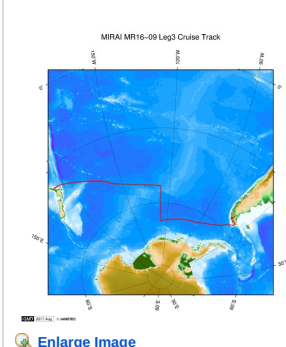
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Data Format

Column No.	Column Heading Mnemonic	Comments
1	Date	Year (4 figures), Month (2 figures) and Day (2 figures) (UTC)
2	Time	Hour (2 figures), Minute (2 figures) and Second (2 figures) in the case of 6 figures (UTC)
3	Latitude	Latitude (decimal)
4	Longitude	Longitude (decimal)
5	SST	Sea surface temperature (°C)
6	SSS	Sea surface salinity
7	TCO2	Sea surface C _T (μmol/kg)

Related Information



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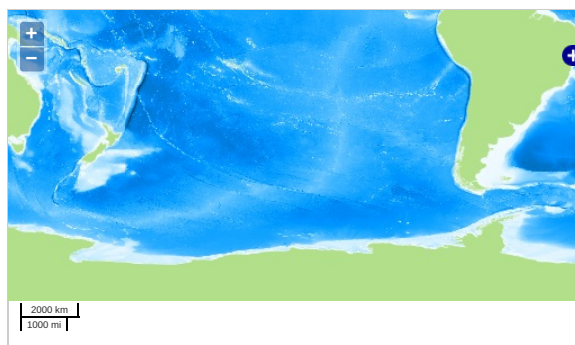
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OCEANS > OCEAN TEMPERATURE > SEA SURFACE TEMPERATURE

Observation Map



... Observation Line ... Navigation ... Observation, Dive Point, Hole

Imagery reproduced from ...

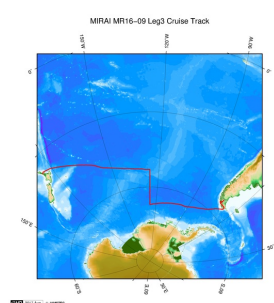
Data List

☐ File names

☐ MR16-09CT_underway.csv

☐ Readme_CT_MR16-09.pdf

Related Information



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