

MIRAI MR11-03 Dissolved manganese concentration

Last Modified: 2013-05-31

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

Cruise ID: [MR11-03](#)

Dissolved manganese concentration: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

We analyzed seawater samples of Station A to C from the epicentral area of 2011 Tohoku-oki earthquake during MR11-3 in 2011.

Samples are filtered by 0.22µm membrane filter and stored after acidification with TAMApure HNO3 (Tama Chemical).

Manganese analysis were conducted by dissolved manganese analyzer in Center for Advanced Marine Core Research, Kochi University.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR11-03_all.pdf

For Using Data

Principal Investigator

Kei Okamura (Center for Advanced Marine Core Research, Kochi University)

Use Constraints

Contact to Investigator

Data Citation

Contact to Investigator

Instrument

Instrument:

dissolved manganese analyzer

(Kimoto electric Co.)

Instrument Information:

Refer to Nakayama, E., Isshiki, K.,

Sohrin, Y., and Karatani, H., (1989),

Analytical Chemistry, 61, 1392-1396



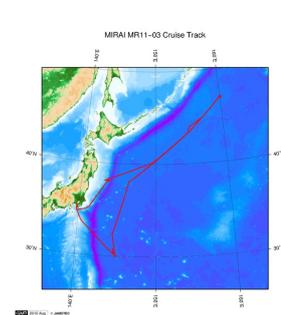
Sample

seawater

Data Format

Excel file

Related Information



[Enlarge Image](#)

MR11-03

Ship Name: MIRAI

Period: 2011-04-14 - 2011-05-05

Chief Scientist: Makio Honda (JAMSTEC)

Project Name: [Station K2, Station S1, Station KEO, Station KNOT]

Proposal ▶ Studies on the microbial-geochemical processes that regulate the operation of the biological pump in the subarctic and subtropical regions of the western North Pacific

Update History

2013-05-31	An observation data was registerd.
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KM-ROV
POWER GRAB SAMPLER
(SHELL)
POWER GRAB SAMPLER
(CLOW)
BMS

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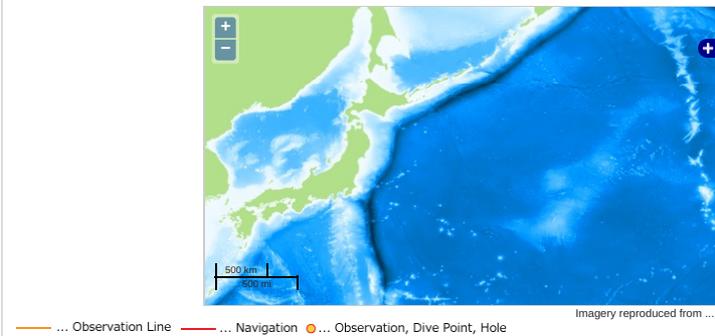
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Observation Map

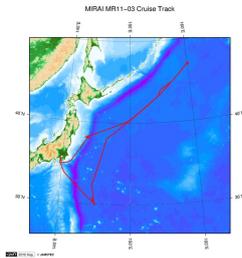


Data List

File names

MR11-03_Mn_noguchi.xls

Related Information



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[What's New](#)
[Update History](#)
[Feeds](#)

Lists
[Publication List](#)
[Amount of Public Info.](#)
Data
[Map Search](#)
[Data Tree](#)
[Detailed Search](#)

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[YOKOSUKA](#)
[MIRAI](#)
[KAIREI](#)
[CHIKYU](#)
[KAIMEI](#)
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[HAKUHO MARU](#)

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Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID: