

MIRAI MR12-E03 Porosity of sediment

Last Modified: 2015-05-31

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

Cruise ID: [MR12-E03](#)

Porosity of sediment: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

5ml of wet sediment samplers were dried with a vacuum freeze drying equipment. Porosity of sample was calculated by comparing weight before and after freeze drying.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR12-E03_all.pdf

For Using Data

Principal Investigator

See Data Citation

Use Constraints

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

Data Citation

Kikuchi, T., 2012, R/V Mirai Cruise Report MR12-E03, edited by T. Kikuchi and S. Nishino, 190pp., JAMSTEC, Yokosuka, Japan.

Upon consultation in advance with the chief of investigation and the person(s) in charge of research issues who gathered that data, we request that the text of the results material contain a statement to the effect that it was obtained during the R/V Mirai cruise of MR12-E03, the Chief Scientist, Takashi Kikuchi (JAMSTEC), and the following Principal Investigators (PIs) for gathering the data.

Chief Scientist

Takashi Kikuchi

Japan Agency for Marine - Earth Science and Technology (JAMSTEC)

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PI for the data

Michiyo Yamamoto-Kawai (Tokyo University of Marine Science and Technology)

And also the data were obtained under the GRENE (Green Network of Excellence) Arctic Climate Change Research Project of the Ministry of Education, Culture, Sports, Science and Technology in Japan (MEXT).

Instrument

Instrument:

electronic analytical scale

Instrument Information:



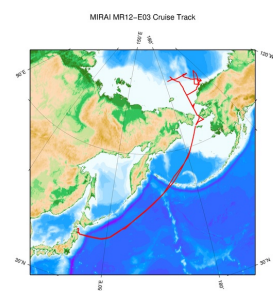
Sample

sediment

Data Format

Text file

Related Information



 [Enlarge Image](#)

MR12-E03

Ship Name: MIRAI

Period: 2012-09-03 - 2012-10-17

Chief Scientist: Takashi Kikuchi (JAMSTEC)

Project Name: [Arctic Ocean Climate System Reaserch]

Proposal ▶ Ecosystem studies on the Arctic Ocean declining sea ice

Title:

Update History

2015-05-31

An observation data was registered.

JAMSTEC

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[KAIYO](#)

[YOKOSUKA](#)

[MIRAI](#)

[KAIREI](#)

[CHIKYU](#)

[KAIMEI](#)

[SHINSEI MARU](#)

[HAKUHO MARU](#)

Information of the Submersibles

[KAIKO](#)

[SHINKAI 2000](#)

[SHINKAI 6500](#)

[DEEP TOW](#)

[HYPER-DOLPHIN](#)

[URASHIMA](#)

[YOKOSUKA DEEP TOW](#)

[6K Camera DEEP TOW](#)

[6K Sonar DEEP TOW](#)

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[POWER GRAB SAMPLER \(SHELL\)](#)

[POWER GRAB SAMPLER \(CLOW\)](#)

[BMS](#)

Go to a Cruise Information

Cruise ID:

Go

Go to a Dive Information

Dive ID:

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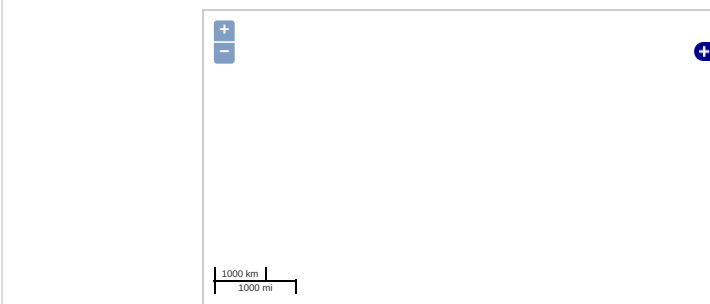
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Observation Map



Imagery reproduced from ...

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

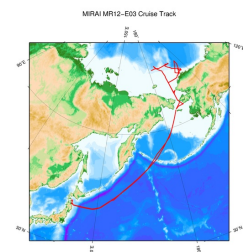
Data List

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File names

MR12-E03-Kawai-Porosity.txt

Related Information



[Enlarge Image](#)

MR12-E03

Ship Name: MIRAI
Period: 2012-09-03 - 2012-10-17
Chief Scientist: Takashi Kikuchi (JAMSTEC)
Project Name: [Arctic Ocean Climate System Research]
Proposal ▶ Ecosystem studies on the Arctic Ocean declining sea ice
Title:

Update History

2015-05-31 An observation data was registerd.

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Information of the Ships

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Go to a Dive Information

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