

MIRAI MR11-05 Leg1 Po-210, Pb-210, POC, and PON data

Last Modified: 2020-07-03

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

Cruise ID: [MR11-05 Leg1](#)

Po-210, Pb-210, POC, and PON data : Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Po-210, Pb-210, POC, and PON data for estimate of flux of the particulate organic carbon from the surface and mesopelagic layers. The samples of seawater and suspended particle were collected by CTD-RMS and in situ pumping system, respectively. Data were electrically compiled as an excel file, and were depth, potential temperature (Theta), salinity, potential density (Sigma-theta), POC, PON, particulate Po-210 (P-210Po), dissolved Po-210 (D-210Po), and total Pb-210 (T-210Pb). The data of potential temperature, salinity, and potential density were measured by CTD sensors. The error of P-210Po, D-210Po, and T-210Pb was estimated from counting error. "n.d." is no data.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR11-05_leg1-2_all.pdf

For Using Data

Principal Investigator

Hajime Kawakami (JAMSTEC)

Use Constraints

Please contact PI (Hajime Kawakami, kawakami@jamstec.go.jp)

Data Citation

Please contact PI (Hajime Kawakami, kawakami@jamstec.go.jp)

Instrument

Instrument:

Alpha-ray detector, elemental analyzer

Instrument Information:

Alpha-ray detector: Octéte, Seiko

EG&G Co. Ltd.

Elemental analyzer: Model 2400II,

PerkinElmer Inc.



Sample

Seawater, the others

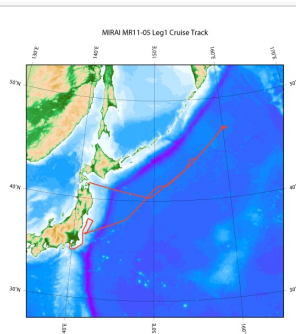
Sample ID

MR11-05K2P36, MR11-05K2P37, MR11-05K2S40

Data Format

エクセルファイル

Related Information



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MR11-05 Leg1

Ship Name: MIRAI

Period: 2011-06-26 - 2011-07-16

Chief Scientist: Makio Honda (JAMSTEC)

Project Name: [Station K2, Station KNOT]

Proposal ▶ Effects of meso-zooplankton on food web and vertical flux

Title:

Update History

2020-07-03	An observation data was registered.
2014-02-28	An observation data was registered.

Application for Data and
Samples
Data Policy

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Feeds

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Detailed Search

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MIRAI
KAIREI
CHIKYU
KAIMEI
SHINSEI MARU
HAKUHO MARU

SHINKAI 6500
DEEP TOW
HYPER-DOLPHIN
URASHIMA
YOKOSUKA DEEP TOW
6K Camera DEEP TOW
6K Sonar DEEP TOW
KM-ROV
POWER GRAB SAMPLER
(SHELL)
POWER GRAB SAMPLER
(CLOW)
BMS

Go to a Dive Information

Dive ID:

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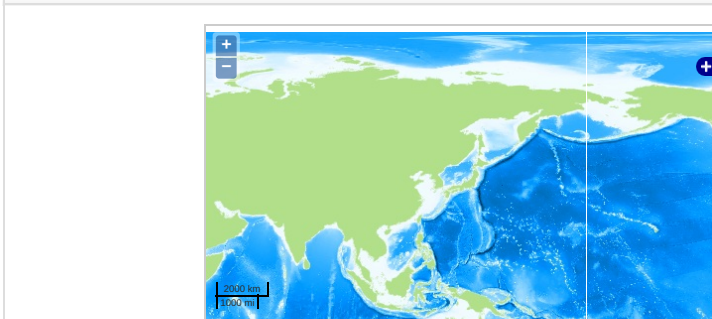
Po-210, Pb-210, POC, and PON data: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Observation Map



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

Imagery reproduced from ...

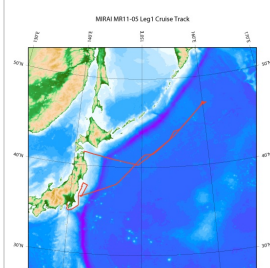
Data List

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File names

☐ MR11-05_leg1.xls

Related Information



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MR11-05 Leg1

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