

## MIRAI MR11-03 Po-210, Pb-210, POC, and PON data

Last Modified: 2020-07-31

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

Cruise ID: [MR11-03](#)

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

Instrument Information:

Octéte, Seiko EG&G Co. Ltd.

Instrument:

Elemental analyzer

Instrument Information:

Model 2400II, PerkinElmer Inc.



### Sample

Seawater, the others

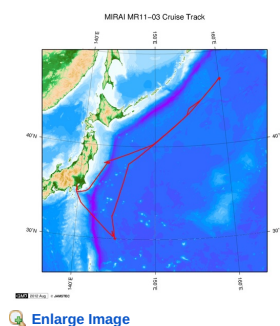
### Sample ID

MR11-03\*P56, MR11-03\*P57, MR11-03\*P59, MR11-03\*P60, MR11-03\*S62, MR11-03\*S63

### Data Format

Excel file

### Related Information



#### 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 Title: 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

2020-07-31 An observation data was registered.

#### Go to a Cruise Information

Cruise ID:

#### Go to a Dive Information

Dive ID:

HAKUHO MARU

6K Camera DEEP TOW  
6K Sonar DEEP TOW  
KM-ROV  
POWER GRAB SAMPLER  
(SHELL)  
POWER GRAB SAMPLER  
(CLOW)  
BMS

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## MIRAI MR11-03 Po-210, Pb-210, POC, and PON data

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

Cruise ID: [MR11-03](#)

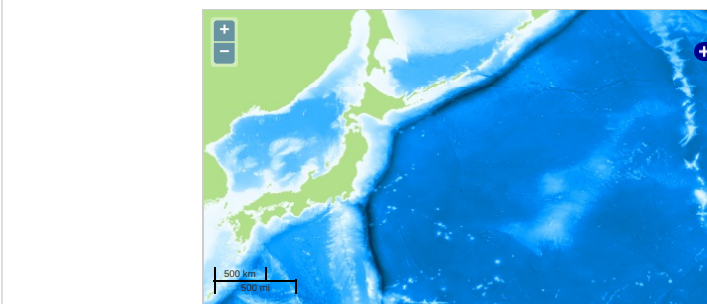
Po-210, Pb-210, POC, and PON data: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



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

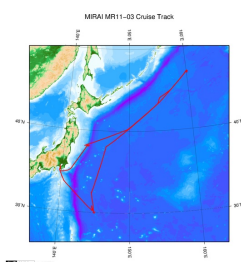
### Data List

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#### File names

MR11-03.xls

### 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

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#### Data

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#### Information of the Ships

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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](#)

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#### Go to a Cruise Information

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