MIRAI MR10-05 Leg2 Absorbance of Total Particulate Materials and Detritus

Last Modified: 2013-02-25

ReadMe | Observation Data

Cruise ID: MR10-05 Leg2

Absorbance of Total Particulate Materials and Detritus : Processed (PI)

Data Policy: JAMSTEC

Observation Items:

Science Keywords:

Data Information

Spectral absorbance of particles inside the visible range (350 - 750 nm).

Absorbance of suspended particles, including phytoplankton cels and detritus, collected on a glass fiber filter were measured using spectrophotometer.

Phytoplankton pigment on filter was extracted using methanol between 24 and 48 hours, and the absorbance of detritus was measured.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR10-05_leg1-2_all.pdf

For Using Data

Principal Investigator

Sei-ichi Saitoh (Facalty/Graduate School of Fisheries Sciences, Hokkaido University)

Use Constraints

See Terms and Conditions about constrain of use.

Data Citation

See Terms and Conditions about data citation.

Instrument

Instrument:

Spectrophotometer UV2400

(Shimadzu)

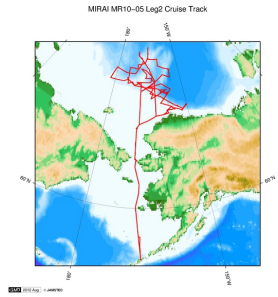
Instrument Information:

NO IMAGE

Data Format

The data sampled at each station and each depth is formated to a ASCII file. Measured wavelengths (nm) and absorbance were recorded to a file. The information of filtration and measurement is written in 'fieldnote_particle.xls'.

Related Information



Enlarge Image

MR10-05 Leg2
Ship Name: MIRAI
Period: 2010-09-02 - 2010-10-16
Chief Scientist: Motoyo Ito (JAMSTEC)
Project Name: [Arctic Ocean Climate System Reaserch]
Proposal ▸ Arctic Climate Oceanography
Title:

Update History

2013-02-25	An observation data was registerd.

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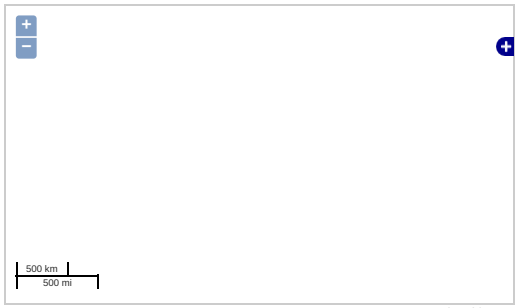
Observation Map



Imagery reproduced from ...

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

Data List

Add to Basket

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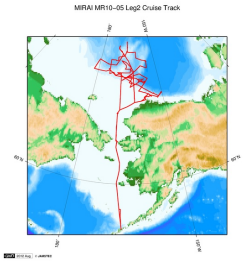

Enlarge Image

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