MIRAI MR08-04 HPLC Phytoplankton pigment concentration

Last Modified: 2012-10-27

ReadMe | Observation Data

Cruise ID: MR08-04

HPLC Phytoplankton pigment concentration: Processed (PI)

Data Policy: JAMSTEC

Observation Items:

Science Keywords:

Data Information

Concentrations of phytoplanlton pigments were sampled in the subsurface layer. Filter samples were stored in a deep-freezer (-80ºC) until analysis on land. Pigments were extracted following to a method described in Suzuki et al., (2005). Concentrations of phytolpankton pigments were determined by a method of Van Heukelem et al. (2001).

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR08-04_all.pdf

For Using Data

Principal Investigator

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

Use Constraints

None

Data Citation

None

Instrument

Instrument:

Shimadzu HPLC (CLASS-VP system)

Instrument Information:

NO IMAGE

Data Format

The data sampled at each station and each depth are formated to ASCII files. The information of filtration and measurement is written in the fieldnote formatted to a Microsoft Excel file .

Related Information

Enlarge Image

MR08-04
Ship Name: MIRAI
Period: 2008-08-15 - 2008-10-09
Chief Scientist: Koji Shimada (JAMSTEC)
Project Name: [Arctic Ocean Climate System Reaserch]
Proposal Title: R/V Mirai International Polar Year 2008 cruise

Update History

2012-10-27	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

File names
MR08-04_HPLC_pigments.xls

Related Information

Enlarge Image

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Period: 2008-08-15 - 2008-10-09
Chief Scientist: Koji Shimada (JAMSTEC)
Project Name: [Arctic Ocean Climate System Reaserch]
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