MIRAI MR09-03 Leg2 In-water spectral irradiance and radiance, and spectral irradiance in the air

Last Modified: 2012-09-28

ReadMe | Observation Data

Cruise ID: MR09-03 Leg2

In-water spectral irradiance and radiance, and spectral irradiance in the air : Processed (PI)

Data Policy: JAMSTEC

Observation Items:

Science Keywords:

Data Information

In-water downward spectral irradiance and upward radiance, and downward spectral irradiance above the sea surface. After calibration of raw data (voltage), appropriate downcast data was extracted.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR09-03_leg1-3_all.pdf

For Using Data

Principal Investigator

Toru Hirawake (Faculty of Fisheries Sciences, Hokkaido University)

Use Constraints

Contact to the investigator above before using the data.

Data Citation

Fujiwara, A., Hirawake, T., Suzuki, K., and Saitoh, S. I. 2011. Remote sensing of size structure of phytoplankton communities using optical properties of the Chukchi and Bering Sea shelf region. Biogeosciences Discuss., 8: 4985-5017. (To be published soon as a paper of Biogeoscience)

Instrument

Instrument:

Biospherical PRR-800/810

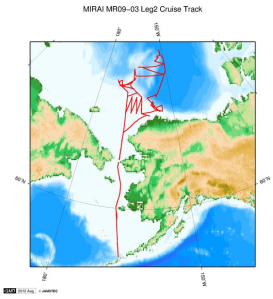
Instrument Information:

http://www.biospherical.com/BSI%20PDFs/Brochures/prr-800.pdf

Data Format

Microsoft Excel. Other information the data was written in ChannelDescriptionPRR800.txt.

Related Information



Enlarge Image

MR09-03 Leg2
Ship Name: MIRAI
Period: 2009-09-07 - 2009-10-15
Chief Scientist: Takashi Kikuchi (JAMSTEC)
Project Name: [Arctic Ocean Climate System Reaserch]
Proposal ▸ Multi-disciplinary observation cruise for the Arctic Ocean
Title:

Update History

2012-09-28	An observation data was registerd.

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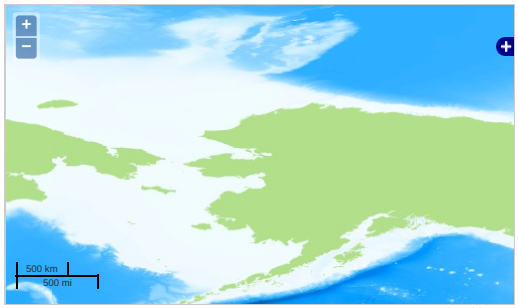
Science Keywords:

Observation Map



Imagery reproduced from ...

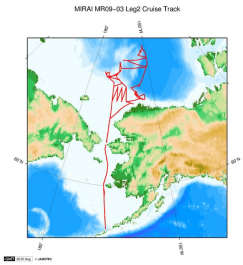
... Observation Line ... Navigation ... Observation, Dive Point, Hole

Data List

Add to Basket

File names
ChannelDescriptionPRR800.txt
MR09-03_leg2_rad.zip

Related Information



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