

KAIYO KY13-09 Abundance and composition of bacteria in aerosol particles

Last Modified: 2015-08-31

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

Cruise ID: [KY13-09](#)

Abundance and composition of bacteria in aerosol particles : Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

The data show the abundance of viable and non-viable bacteria and the composition of bacterial families in the collected airborne particles on filters

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/KY13-09_all.pdf

For Using Data

Principal Investigator

Daizhou Zhang (Faculty of Environmental & Symbiotic Sciences, Prefectural University of Kumamoto)

Kotaro Murata (Faculty of Environmental & Symbiotic Sciences, Prefectural University of Kumamoto)

Use Constraints

See [Terms and Conditions](#) about constrain of use.

Data Citation

See [Terms and Conditions](#) about data citation.

Instrument

Instrument:

Fluorescence microscope, DNA sequencer

Instrument Information:

Fluorescence microscope (Eclipse 80i, Nikon)

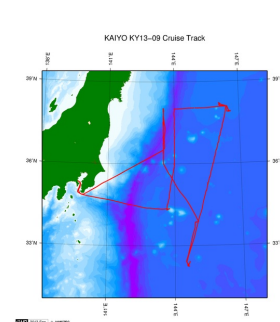
DNA sequencer (Miseq, Illumina)



Sample

Aerosol particles

Related Information



[Enlarge Image](#)

KY13-09

Ship Name: KAIYO

Period: 2013-06-28 - 2013-07-12

Chief Scientist: Yoshimi Kawai (JAMSTEC)

Proposal Research on characteristics of clouds and aerosols over the Kuroshio Extension by simultaneous observations with an aircraft

Title: simultaneous observations with an aircraft

Update History

2015-08-31 An observation data was registered.

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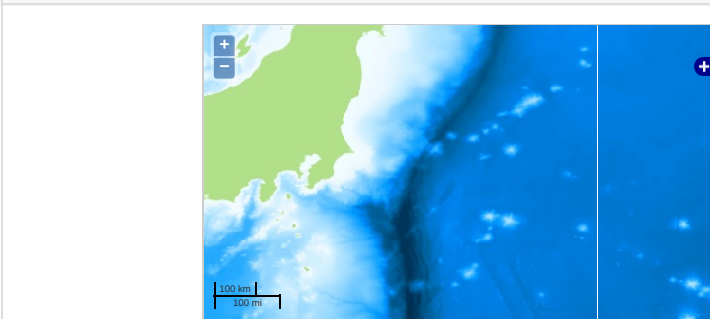
Abundance and composition of bacteria in aerosol particles Processed (PI)

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Observation Items:

Science Keywords:

Observation Map



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

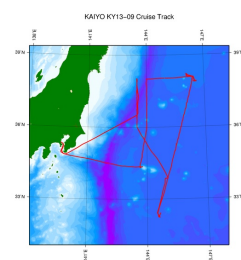
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File names

KY13-09_pref-univ-kumamoto.xlsx

Related Information



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