

GEOTRACES Workshop



- BIOGEOTRACES JAPAN BEGINS

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2F conference room at the main building of the faculty of Fisheries

Bunkyo Campus

Nagasaki University, Nagasaki, Japan

(http://www.fish.nagasaki-u.ac.jp/en/main/access_e.html)

19-21 September, 2018

Program

19 September, 2018 (Wed)

9:00 – 9:10: Opening remark

9:10 - 9:30: Hajime Obata (U-Tokyo)

“From GEOTRACES-Japan to BioGEOTRACES-Japan”

9:30 – 10:30: Maria Teresa Maldonado (UBC, Canada) (Invited talk)

“An introduction to BioGeotraces: lessons learnt and moving forward”

10:30 – 11:00: Coffee Break

11:00 – 11:30: Koji Suzuki (Hokkaido Univ.)

“Toward understanding the biogeography and ecophysiology of phytoplankton in the North Pacific and its adjacent waters”

11:30 – 12:00: TungYuan Ho (Academia Sinica, Taiwan) (Invited talk)

“The roles of Ni in some marine diazotrophs”

12:00 – 13:30: Lunch

13:30 – 14:00: Hisashi Endo (Kyoto Univ.), Koji Suzuki, Hiroyuki Ogata

“Biogeography of phytoplankton and giant viruses in the ocean”

14:00 – 14:30: Tamaha Yamaguchi (U-Tokyo), Kazutaka Takahashi, Mitsuhide Sato and Ken Furuya

“Co-limitation of marine microbial communities by phosphorus, zinc and iron in the western North Pacific Ocean”

14:30 – 15:00: Takuhei Shiozaki (JAMSTEC)

“Biogeography of diazotrophs and linkage between nitrogen fixation and primary production in the ocean”

15:00 – 15:30: Coffee Break

15:30 – 16:00: Yuya Tada (NIMD) and Kohji Marumoto

“Distribution of genes and metabolic pathway involved in the microbial methylation of mercury in the ocean”

16:00 – 16:30: Hitomi Yamaguchi (Kagawa Univ.)

“Microphytobenthos: A tool for understanding coastal ecosystems and biogeochemical cycles”

16:30 – 17:00: Fumiaki Mori (Nagasaki Univ.) and Minoru Wada

“Temporal changes in the sediment oxygen consumption and bacterial community structure in a seasonally hypoxic enclosed bay, Omura Bay”

Buffet Dinner

20 September, 2018

9:00 – 9:30: Yoshiko Kondo (Nagasaki Univ.), Jun Nishioka, Hajime Obata, Shigenobu

Takeda

“Vertical distributions of organic Fe-binding ligands in the eastern and western subarctic North Pacific”

9:30 – 10:00: Jun Nishioka (Hokkaido Univ.) and Issei Nakagawa

“Geographical pattern of Fe to nitrate stoichiometry supplied from intermediate water and limitation factor for phytoplankton growth in the western North Pacific”

10:00 – 10:30: Kuo Hong Wong (U-Tokyo), Hajime Obata, Taejin Kim and Ronald Muhammad

“Distribution of copper and its speciation in the subarctic North Pacific”

10:30 – 11:00: Coffee Break

11:00 – 11:30: Shotaro Takano (Kyoto Univ.), Makoto Tsujisaka, Katsuhiko Suzuki, Yusuke Fukami, and Yoshiki Sohrin

“Isotopic distributions of Ni, Cu, and Zn in the Southern Ocean and the South Pacific Ocean”

11:30 – 12:00: Kazuhiro Misumi (CRIEPI), Jun Nishioka, Hajime Obata, Daisuke Tsumune, Takaki Tsubono, Matthew C. Long, Keith Lindsay and J. Keith Moore

“Pacific iron cycle driven by lateral export from continental-self sediments mediated by slowly sinking particles”

12:00 – 13:30: Lunch

13:30 – 14:00: Naoki Yoshie (Ehime Univ.)

“Responses of lower-trophic level ecosystem to various perturbations around Japan”

14:00 – 14:30: Koji Hamasaki (U-Tokyo)

“Microbial diversity, community structure and functional potential in the Pacific Ocean: implications for lifestyles and regional adaptations of bacterioplankton”

14:30 - 15:00: Shigenobu Takeda (Nagasaki Univ.)

“Ocean acidification and iron biogeochemistry in the North Pacific”

15:00 – 15:30: Coffee Break

15:30 – 17:00: Discussion and suggestions

Dinner

21 September, 2018

9:30 – 11:00: Discussion for BioGEOTRACES-Japan

Contact

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Omix

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