

GEOTRACES Workshop



- BIOGEOTRACESJAPAN BEGINS -

Conveners: Yoshiko Kondo, Jun Nishioka, and Hajime Obata

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Nagasaki, Japan
19-21 September 2018

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

Bunkyo Campus

Nagasaki University

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

<u>19 September (Wednesday)</u>	
08:30	Start reception at 2F conference room at the main building
09:00	Welcome from Dean of the faculty of Fisheries, Nagasaki University (Professor Katsuyasu Tachibana) Introduction (Yoshiko Kondo and Hajime Obata)
09:10	Introduction Talk (Dr. Hajime Obata) “From GEOTRACES-Japan to BioGEOTRACES-Japan”
09:30	Invited Talk (Dr. Maria Teresa Maldonado) “An introduction to BioGeotraces: lessons learnt and moving forward”
10:30	Coffee break
11:00	Invited talk (Dr. Tung Yuan Ho) “The roles of Ni in some marine diazotrophs”

11:30	Individual talk (Drs. Hisashi Endo, Koji Suzuki, Hiroyuki Ogata) “Biogeography of phytoplankton and giant viruses in the ocean”
12:00	Lunch
13:30	Individual talk (Drs. Tamaha Yamaguchi, Kazutaka Takahashi, Mitsuhide Sato and Ken Furuya) “Co-limitation of marine microbial communities by phosphorus, zinc and iron in the western North Pacific Ocean”
14:00	Individual talk (Drs. Yuya Tada and Kohji Marumoto) “Distribution of genes and metabolic pathway involved in the microbial methylation of mercury in the ocean”
14:30	Individual talk (Dr. Hitomi Yamaguchi) “Microphytobenthos: A tool for understanding coastal ecosystems and biogeochemical cycles”
15:00	Coffee break
15:30	Individual talk (Drs. Fumiaki Mori and Minoru Wada) “Temporal changes in the sediment oxygen consumption and bacterial community structure in a seasonally hypoxic enclosed bay, Omura Bay”
16:00	Adjourn
	Dinner will start at 18:30 at the restaurant “Citrus Café” (http://citruscafe2000.com/)

<u>20 September (Thursday)</u>	
09:00	Keynote talk (Drs. Yoshiko Kondo, Jun Nishioka, Hajime Obata, Shigenobu Takeda) “Vertical distributions of organic Fe-binding ligands in the eastern and western subarctic North Pacific”
09:30	Keynote talk (Drs. Jun Nishioka 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	Individual talk (Drs. Kuo Hong Wong, Hajime Obata, Taejin Kim and Ronald Muhammad) “Distribution of copper and its speciation in the subarctic North Pacific”
10:30	Coffee break
11:00	Individual talk (Drs. Shotaro Takano, 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	Individual talk (Drs. Kazuhiro Misumi, 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	Lunch (Bento lunch)
13:30	Individual talk (Dr. Naoki Yoshie) “A responses of lower-trophic level ecosystem to various perturbations around Japan”
14:00	Individual talk (Dr. Koji Hamasaki) “Microbial diversity, community structure and functional potential in the Pacific Ocean: implications for lifestyles and regional adaptations of bacterioplankton”
14:30	Invited talk (Dr. Shigenobu Takeda) “Ocean acidification and iron biogeochemistry in the North Pacific”
15:00	Coffee break
15:30	Discussion and suggestion
17:00	Adjourn
	Dinner will start at 18:30 at “八州長崎思案橋店” (https://hassyu-nagasakihiannbashi.owst.jp/)

21 September (Friday)

09:30 **Discussion for BioGEOTRACES-Japan**

11:00 **Adjourn**

Sponsors

