

ANNUAL REPORT ON GEOTRACES ACTIVITIES IN NORWAY

June 1st, 2015 to April 30th, 2016

Publications

- Kuria Ndungu, Cheryl M. Zurbrick, Sharon Stammerjohn, Silke Severmann, Robert M. Sherrell and A. Russell Flegal (2016). Lead sources to the Amundsen Sea, West Antarctica. ACS' editor's choice, open access *and cover article on the June 21, 2016 vol. 50, issue No. 12 of Environmental Science & Technology: DOI: 10.1021/acs.est.5b05151.*

On going projects

- Iron and microbial ecosystem related mesocosm experiments continue in Ny Aalesund, part of the ongoing EU-funded Ocean-Certain project (<http://oceancertain.eu/what-is-ocean-certain/>) led by Murat Ardelan from the Norwegian University of Science and Technology (NTNU). Andrew King from the Norwegian Institute for Water Research-NIVA is also involved in the project as well as partners from eight European countries in addition to Chile and Australia.

New CTD rosette

- The Norwegian Institute for Water Research-NIVA acquired a 12-position CTD rosette from General Oceanics. The rosette came with six 5L-Niskin-X Bottles and will initially be used for sampling coastal water. We hope to make the necessary modifications in the near future to adapt it for TM sampling.

Meetings

- Kuria Ndungu attended the 2015 AGU fall meeting in San Francisco and presented a paper (Dissolved Silver in Marine Waters: Reviewing Three Decades of Advances in Analytical Techniques and Understanding its Biogeochemical Cycling). The AGU session: Trace Metal Cycling in the Environment: Forty Years of Advancements III was convened by Priya Ganguli (WHOI & UC Santa Cruz); Frank Black (Westminster College); Sergio A Sanudo-Wilhelmy (University of Southern California) and Edward Boyle (MIT) in honor of Russell Flegal (UC Santa Cruz).

Submitted by Kuria Ndungu (Kuria.ndungu@niva.no)