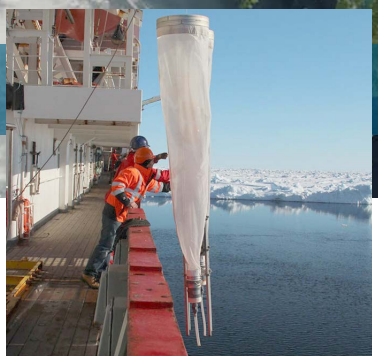
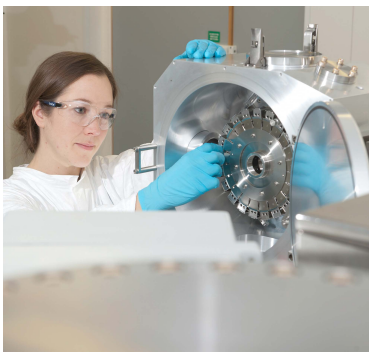
Ocean and Earth Science,
National Oceanography Centre
Southampton

UNIVERSITY OF Southampton





Graduate School, National Oceanography Centre Southampton

PhD opportunities in Marine Biogeochemistry

Entry 2018

The Marine Biogeochemistry research group conducts innovative research to elucidate the biogeochemical operation of the ocean. We address major societal issues, including the role of the oceans in the carbon cycle, geoengineering solutions to climate change and the environmental management of the oceans. We work closely with NERC colleagues in the building and with other collaborators worldwide. The research group includes some 50 staff and PhD students, has world-class facilities and an active programme of sea-going research.

Understanding the stoichiometric coupling of nutrients and carbon within the Southern Ocean
Mark Moore, Toby Tyrrell, Adrian Martin (NOC)

Environment, ecology and evolution of plankton communities
Ben Ward, Tom Ezard, Tom Bibby

Could iron be the ultimate limiting nutrient for oceanic primary production?
Toby Tyrrell, Mark Moore, Maeve Lohan

Blue Biotechnology
Tom Bibby, Matthew Terry (Biol. Sciences, UoS), Ivo Tews (Biol. Sciences, UoS)

Greenhouse gas - nitrous oxide (N_2O)- production by marine nitrifiers
Phyllis Lam, Julie Robidart (NOC), Paul Skipp (Biol. Sciences, UoS)

The impact of mid-ocean ridges on the marine iron cycle
Maeve Lohan, Doug Connelly (NOC), Alessandro Tagliabue (Univ. Liverpool)

Microbial controls on greenhouse gas capture via fluid-rock interactions
Phyllis Lam, Juerg Matter, Damon Teagle

Tracing iron cycling from the ice sheets to the polar oceans
Amber Annett, Maeve Lohan, Mike Meredith (BAS)

Turning waste to carbon capture as facilitated by microbes
Phyllis Lam, Juerg Matter, Rachael James

What determines the proportions of elements in marine plankton and ocean water?
Ben Ward, Mark Moore, Adrian Martin (NOC)

Contact us

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www.noc.ac.uk/gsnocs/how-apply

SPITFIRE Southampton Partnership for Innovative Training of Future Investigators Researching the Environment