

Funded PhD projects in Ocean Biogeochemistry & Ecology - National Oceanography Centre, UK

Up to 10 funded PhD studentships are available to study ocean biogeochemistry and ecology in conjunction with the National Oceanography Centre in Southampton.

The NOC Ocean Biogeochemistry and Ecosystems group is globally renowned as a leading centre of excellence and innovation in marine science, bringing biologists, ecologists, modellers, remote sensing specialists and biogeochemists together to address major multidisciplinary problems.

For further information on the projects, please contact supervisors directly.

To apply please go to <http://projects.noc.ac.uk/inspire/how-apply>

All studentships are funded through the [INSPIRE](#) Doctoral Training Programme and all students will be registered at the University of Southampton (UoS).

The closing date for applications is 4 January 2019.

Project title	NOC supervisor	Co-supervisors
Automating the analysis of high-resolution sidescan sonar data to support marine habitat monitoring	Brian Bett bjb@noc.ac.uk	Veerle Huvenne*, Tim Le Bas, Blair Thornton (UoS)
Autonomous and remote monitoring of UK shelf sea benthos to assess environmental quality status	Daniel Jones* dj1@noc.ac.uk	Jasmin Godbold (UoS), Veerle Huvenne
Climate change effects on ocean biogeochemistry	Stephanie Henson* shen@noc.ac.uk	Anna Hickman (UoS), Adrian Martin
Dissecting the microbial foodweb: determining the influence of phytoplankton-derived organic matter substrates on bacterial growth efficiency	Claire Evans* clevans@noc.ac.uk	Mark Moore (UoS)
Not just going with the flow: does biological production rather than deep water formation drive the Southern Ocean carbon sink?	Pete Brown* peter.brown@noc.ac.uk	Alberto Naveira Garabato (UoS), Dorothee Bakker (UEA), Yvonne Firing
Peaty Ocean; the role of riverine DOC fluxes from high carbon landscapes into the coastal ocean on UK and Malaysian carbon budgets	Richard Sanders* r.sanders@noc.ac.uk	Amber Annett (UoS), Moritz Mueller (U.Swinburne, Malaysia), Claire Evans
Taxonomy and biogeography of the world's largest ecosystem based on combined morphological and molecular studies of amphipods	Tammy Horton* tammy.horton@noc.ac.uk	Adrian Glover (NHM), Phil Fenburg (UoS)
Temporal variability of the carbon system across the Pacific; causes and implications	Sue Hartman* s.hartman@noc.ac.uk	Toby Tyrrell (UoS), Adrian Martin
The impact of variability in atmospheric forcing on organic carbon sequestration in the Southern Ocean	Adrian Martin adrian.martin@noc.ac.uk	Dan Jones* (BAS), Emily Shuckburgh (BAS), Alberto Naveira Garabato (UoS)
Understanding the ecology and biogeochemistry of midwater ecosystems	Kathryn Cook* kathryn.cook@noc.ac.uk	Kostas Kiriakoulakis (LJMU), Ben Ward (UoS), Dan Mayor

* indicates lead supervisor