

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

\* indicates lead supervisor