PhD opportunities in Physical Oceanography
Entry 2018

The Physical Oceanography research group conducts innovative research to understand, quantify and predict the physical character of the ocean, and the dynamic processes that control its circulation and mixing. We address major societal issues, including the role of the ocean in the climate system, management of vulnerable coasts, and the physical drivers of marine life. We work closely with NERC colleagues in the building and with other collaborators worldwide. The research group includes some 30 staff and PhD students, has world-class facilities and an active programme of sea-going research.

Changing Atlantic influences on northwest European shelf seas
Bob Marsh, James Harle (NOC), Martin Edwards (SAHFOS)

Coastal impacts for climate scenarios that exceed 2°C warming
Philip Goodwin, Ivan Haigh, Robert Nicholls (Engineering & the Environment, UoS)

The impact of sea level rise and climate change on small island nations
Ivan Haigh, Robert Nicholls (Engineering & the Environment, UoS)

Ocean Turbulence in Energetic Eddies using Autonomous instruments
Eleanor Frajka-Williams, Alberto Naveira-Garabato, Rob Hall (Univ. East Anglia)

Ocean Turbulence measurements on Autonomous Underwater Vehicles
Alberto Naveira-Garabato, Eleanor Frajka-Williams, Rob Hall (Univ. East Anglia), Kurt Polzin (Woods Hole Oceanographic Institution)

Microdrifters for Ocean Currents
Eleanor Frajka-Williams, Christopher Cardwell (NOC), Alberto Naveira-Garabato, Liz Bagshaw (Cardiff Univ.), Andras Sobester (Engineering & the Environment, UoS)

Dynamics of the polar Southern Ocean response to climate change
Alberto Naveira-Garabato, George Nurser (NOC), Anna Hogg (CPOM/University of Leeds), Mike Meredith (BAS)

Evolution and upwelling of deep water along the path of the Antarctic Circumpolar Current
Yvonne Firing (NOC), Harry Bryden, Joel Hirschi (NOC), Elaine McDonagh (NOC)

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