

National Oceanography Centre

DEFINING OUR FUTURE

Our vision: To be one of the world's top three oceanographic research institutions.

Our mission:

To make sense of changing seas, upon which future human wealth and wellbeing depends, by:

- undertaking, and helping others undertake, world-class research
- managing marine research infrastructure and data assets
- turning knowledge and technology innovations into applications for government, business and the public

We aim to benefit society with the knowledge to help:

- mitigate and adapt to climate change
- sustainably secure the resources needed from the ocean
- protect against marine-related dangers
- protect the ocean and its life for future generations

Scientific and Technological Goals:

In the next five years, we aim to take significant steps in the advancement of our knowledge concerning:

- global and regional sea-level variability and extremes
- heat and carbon penetration into the deep ocean
- marine microscopic life and large-scale cycling of major chemicals
- seafloor/sub-seabed processes for the detection of resources and hazards
- the biological diversity and ecosystems of the deep sea frontier
- the innovation of technology for continuous autonomous ocean measurement
- the role of coastal and continental shelf seas in the global system
- environmental prediction on timescales of days to centuries

To be successful we will:

- be a global centre of excellence for high impact and big ocean science
- be a highly attractive scientific collaborator
- be an effective partner to business, supporting growth in the UK and other economies
- transform ocean measurement technologies
- make an impact with independent scientific advice and expertise
- make large research infrastructure and data assets widely accessible with a quality service
- provide a great place to be for ocean researchers, technical specialists and other experts
- be financially sustainable

FROM COAST TO DEEP OCEAN – MAKING SENSE OF CHANGING SEAS



**National
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NATURAL ENVIRONMENT RESEARCH COUNCIL

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ENVIRONMENT