Looking for a PhD tackling big questions in climate, physics or biogeochemistry?

8 PhD projects linked to the world-leading Marine Systems Modelling group at the National Oceanography Centre:

- **Predicting future methane release from the seabed due to Arctic warming and sea ice retreat**
- **Changing Ocean Freshwater and Heat Transports and Atlantic Climate Tipping Point**
- **Some theories are more equal than others: A Bayesian approach to glacial-interglacial changes in ocean carbon storage**
- **Closing loopholes in the nitrogen cycle: Nitrification now and in the future**
- **The Ultimate Limiting Nutrient for Oceanic Primary Production**
- **How do submesoscale physical processes influence the biological carbon pump?**
- **The physics and biology of the ocean carbon sink: how air-sea interactions affect organic carbon uptake and sequestration in the Southern Ocean**
- **Impact of a newly identified mechanism: pathways for Arctic freshwater in the subpolar North Atlantic Ocean**

All projects are funded by the **INSPIRE** Doctoral Training Partnership. Applications very welcome from maths and pure science graduates.
There is an opportunity for a good numerate graduate student to apply for a PhD through the SENSE CDT, for a studentship beginning in October 2020.


The deadline for applications is 19 January 2020, interviews will be held at the University of Leeds at the end of February.