



## Coastal Oceanographer in Marine Physics and Ocean Climate

# Dr Jenny Brown

Jenny is a physical oceanographer, her research focuses on understanding coastal erosion and flood hazard to better inform coastal management decisions.



### Career Pathway

Growing up on the Isle of Wight Jenny had one goal in life – to live near and work with the sea. She studied Physical Oceanography with Maths at Bangor University and continued to do a PhD modelling sediment transport. She continued as a shelf seas modeller starting work in 2007 at the Proudman Oceanographic Institute, which in 2010 became the National Oceanography Centre. Jenny has worked on many different projects modelling shelf sea and estuarine processes as well as coastal impacts, such as beach response, shoreline evolution and flood inundation. In 2018 new opportunities allowed Jenny to take part in fieldwork and learn new skills in observational oceanography. So far Jenny's career has enabled her to live her dream – living by and studying the sea.

### Support for equality and diversity

Jenny says “The diversity of working in research means every project is different and I'm always learning new skills and working with new people.” She often takes part in school outreach and public engagement activities promoting STEM activities to the next generation. Jenny has mentored a number of students and staff and says “it's great to see others achieve new goals. These might be their first publication or first international conference presentation.”

