

Marine Data Manager – Cambridge

British Antarctic Survey

Location: Cambridge
Salary: £28,200 to
£30,600 per
annum
Hours: Full Time
Contract Type: Contract /
Temporary

Placed on: 30th
November
2016
Closes: 3rd January
2017
Job Ref: BAS 125/16

Main Description

The UK Polar Data Centre (UK PDC) is the focal point for Arctic and Antarctic environmental data management in the UK. Part of the Natural Environmental Research Council's (NERC) network of environmental data centres, and based at the British Antarctic Survey (BAS), it coordinates the management of polar data from UK-funded research and supports researchers in complying with national and international data legislation and policy. The UK PDC has a vacancy for a Marine Data Manager based at the BAS.

The Marine Data Manager will be responsible for the management of biological and oceanographic data collected on board the BAS research vessel RRS James Clark Ross.

The successful candidate will have experience of data management, ideally in a marine related context. You will need a good range of general IT skills such as Unix/Linux experience, programming skills and database design. In addition, you will have experience using a variety of relevant software packages for managing/processing data, Geographic Information Systems or web application development. The role requires excellent attention to detail and strong communication and team working skills. You will be expected to document your progress and engage successfully with a wide range of scientists and other stake-holders.

This is a very diverse role which will allow you to be involved in all aspects of the data life cycle from planning and acquisition through to analysis and dissemination. There are many opportunities to further develop the marine data holdings of the Polar Data Centre and this role would suit someone with creative ideas and the initiative and skills to drive them forward.

We are also recruiting for a Geophysical Data Manager and your application will be considered for both posts unless stated otherwise in your application.

Purpose:

To manage scientific data collected by the UK polar community with an emphasis on marine biological and oceanographic datasets. In this sense 'manage' means a series of steps including planning, acquisition and processing through to reviewing and archiving and onto analysis and dissemination.

Duties:

- Manage UK polar marine biology and oceanographic data.
- Act as the lead data manager for Polar Oceans, the Pelagic Ecosystems group within Ecosystems and the secondary data manager for Biodiversity, Evolution and Adaptations.
- Act as the designated data manager for NERC grant-funded projects with a polar marine focus where the PDC is named as either the primary or secondary data centre.
- Respond to internal and external requests for data, information and knowledge that have a polar marine focus.
- Support scientific data acquisition on marine cruises.
- Act as the main liaison officer with the British Oceanographic Data Centre (BODC), the long-term archive for marine data collected by NERC funded researchers. Ensure that technical development is carried out in consultation with BODC data scientists.
- Contribute towards, and in some cases produce, scientific research output and internal reports and documentation including cruise reports, peer-reviewed literature, maps and digital products such as a GIS or a web service.
- Co-operate with and provide data to national and international data assimilation and knowledge exchange projects.
- You will work within functional areas to develop common data management approaches across the scientific disciplines studied at BAS.
- Engage in public outreach activities where showcasing polar scientific data.