

Climate Modeller – 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: 15th January
2017

Job Ref: BAS 121/16

Duration: Fixed-Term Appointment (2 Years)

Team: Atmosphere, Ice and Climate team

Closing date: 15 January, 2017 11:59 pm

Description

The British Antarctic Survey (BAS) is currently looking for a Climate Modeller to join the Atmosphere, Ice and Climate Team. The position will be working on the BAS component of a NERC Standard Grant entitled 'Atmospheric Forcing of the Iceland Sea' (AFIS). In the first year of this position, you will be focusing on simulations of recent climate conditions using the UK Met Office atmospheric model (MetUM) and evaluating these simulations against available observational data, including data gathered during the AFIS field campaign. During the second year, the focus will move to conducting simulations of projections of future 21st Century climate change.

To be successful in this position, you will be an atmospheric scientist with experience in running and evaluating climate models. You will have a background in climate dynamics/processes, which will be key to the design and interpretation of climate model experiments. You will also have excellent interpersonal skills to work both independently and as a part of a team.

Purpose

To quantify the impacts of ice retreat and future 21st century climate change on atmospheric forcing of the Iceland and Greenland seas.

Qualification

PhD or equivalent experience in atmospheric science.

Duties

- Produce a new regionally downscaled high resolution climatology of present day atmospheric conditions over the Iceland and Greenland Seas.

- Quantify the impacts of Ice retreat on the regional atmospheric circulation and air-sea interactions over the Iceland-Greenland Seas.
- Quantify regional change in air-sea interaction over the Iceland-Greenland Seas under scenarios of 21st century global climate change.
- Author high-quality research publications, contribute to project meetings and present work at conferences.

On-line application forms and further information are available on our website at www.bas.ac.uk/jobs

These are also available from the Human Resources Section, British Antarctic Survey, High Cross, Madingley Road, Cambridge, CB3 0ET. Tel: (01223) 221508.

Please quote reference: BAS 121/16

Closing date for receipt of application forms is 15th January 2017

Interviews are scheduled to be held on w/c 30th January 2017

Proposed start date: 1 July 2017

We welcome applications from all sections of the community. People from ethnic minorities are currently under-represented and their applications are particularly welcome.