Researcher position in regional climate modelling at the Geophysical Institute, University of Bergen

There is a vacancy for a researcher position at the Geophysical Institute, University of Bergen in the intersection of regional climate dynamics, glaciology and hydrology. The position is for a period of 2 years under the project "*Investigating the future evolution of Norwegian glaciers and hydrological impacts: an integrated modelling approach* (EVOGLAC)" funded by the Research Council of Norway.

About the project/work tasks

EVOGLAC is a major interdisciplinary effort to establish a fully coupled atmosphere-glacier-hydrological modelling system, which will allow researchers and decision-makers to gain deeper understanding the future evolution of glaciers and glaciated watersheds. The researcher will be responsible for performing high resolution modelling simulations and a component-wise (atmosphere-glacier-hydrology) evaluation and validation of the modelling systems for a well-observed glacier in Norway. The researcher will further perform sensitivity experiments to investigate the sensitivity of the atmosphere-glacier-hydrological environment to changes in climate.

Qualifications and personal qualities

- The applicant must hold a PhD or an equivalent degree in atmospheric sciences, hydrology, glaciology or a relevant earth and environmental sciences discipline.
- We seek candidates with a strong background in numerical modelling of weather and/or climate.
- Experience in the use and analysis of atmospheric regional climate or weather forecast models is required.
- Experience with the WRF weather and climate modelling system is preferable.
- It is an advantage to have experience with programming (Fortran, C+, etc.), statistical analysis of climate and weather data, basic shell scripting, Matlab/python or similar analysis software.
- Ability to work comfortably in the Linux environment.
- Demonstrated ability to work independently and ability to collaborate in a multi-disciplinary environment.
- Proficiency in both written and oral English.

We can offer:

- A good and professionally challenging working environment.
- Salary at pay grade 57 (Code 1109/Pay range 24, alternative 1) in the state salary scale. Further increase in salary will depend on seniority.
- Enrolment in the Norwegian Public Service Pension Fund.
- A position in an inclusive workplace (IA enterprise).
- Good welfare benefits.

Your application must include:

- A brief (1 page) statement of your research interests and how they pertain to the advertised position.
- The names and contact information for two reference persons.
- CV
- Transcripts, diplomas and relevant certificates.

- List of any works of a scientific nature (publication list).

The application and appendices with certified translations into English or a Scandinavian language must be uploaded at Jobbnorge. Applications sent by email to individuals will not be considered.

General information

Detailed information about the position can be obtained by contacting Researcher Stefan P. Sobolowski (Stefan.Sobolowski@uni.no) or Professor Asgeir Sorteberg (asgeir.sorteberg@uib.no).

The state labour force shall reflect the diversity of Norwegian society to the greatest extent possible. Age and gender balance among employees is therefore a goal. It is also a goal to recruit people with immigrant backgrounds. People with immigrant backgrounds and people with disabilities are encouraged to apply for the position.

The University of Bergen applies the principle of public access to information when recruiting staff for academic positions. Information about applicants may be made public even if the applicant has asked not to be named on the list of persons who have applied. The applicant must be notified if the request to be omitted is not met.

The successful applicant must comply with the guidelines that apply to the position at all times.