



The University of Bergen (UiB) is an internationally recognised research university with more than 14,000 students and close to 3,500 employees at six faculties. The university is located in the heart of Bergen. Our main contribution to society is excellent basic research and education across a wide range of disciplines.

Postdoctoral Fellow position at the Geophysical Institute, University of Bergen

There is a vacancy for a postdoctoral fellow in atmospheric water cycle dynamics at the [Geophysical Institute](#), University of Bergen. The position is for a fixed-term period of 4 years, and is associated with the externally funded projects SNOWPACE and INTAROS.

About the project/work tasks

The SNOWPACE project aims to identify where moisture sources for the Norwegian winter snow pack are located, and how variable they are. The work will include a combination of laboratory and field measurements from ship, stations and surface snow transects, and the development and use of advanced isotope-enabled atmospheric models for their interpretation. In order to contribute to the larger aim of using stable isotopes to constrain the water cycle in atmospheric models, we seek a curious and creative candidate with a relevant background in the fields stable isotope analysis and modelling, meteorology, climate, hydrology, glaciology, physics or numerics.

Application requirement

The applicant must have completed a doctoral degree in or a related field, or have submitted his/her doctoral thesis for assessment, prior to the application deadline. It is a condition of employment that the PhD has been awarded.

Qualifications and personal qualities:

- Knowledge of stable isotope processes on different time scales in theory and practice
- Experience in laboratory work and analytical procedures related to stable water isotopes
- Ability to participate in field work in challenging natural environments
- Experience in working with numerical weather prediction and trajectory models
- Technical expertise in scripting (Python, R, bash/shell) and/or programming (C++, FORTRAN)
- Experience with Linux clusters, handling large datasets, and modeling environments
- Evidence of independent research and scientific writing skills
- Ability to work independently and willingness to cooperate with others
- Proficiency in both written and oral English.

About the position of postdoctoral research fellow

The position of postdoctoral research fellow is a fixed-term appointment with the primary objective of qualifying the appointee for work in top academic positions. The fixed-term period for this position is 4 years of which 3 years are for the SNOWPACE project, 9 months for the INTAROS project, and 3 months of the time comprises required duties associated with research, teaching and dissemination of results. Individuals may not be hired for more than one fixed-term period as a postdoctoral research fellow at the same institution.

After appointment, applicants must submit a project proposal for the qualifying work including a work schedule. The completion of the project proposal for the qualifying work will take place in consultation with the project/centre manager. It is a requirement that the project be completed within the period of employment.

We can offer:

- A good and professionally challenging working environment.
- Salary at pay grade 57 (Code 1352/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. One of these should be the main advisor from the PhD programme.
- CV including list of any works of a scientific nature (publication list)
- Transcripts and diplomas and official confirmation that the doctoral thesis has been submitted.

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 [Professor Harald Sodemann](#), Geophysical Institute

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.

Jobbnorge ID: 141326, Deadline: Closed