



Jobbnorge ID: 293286

Deadline: 2/4/2026

Website: <https://www.uib.no/om/84775/ledige-stillinger-ved-uib>

Scope: Fulltime

Duration: Fixed Term

PhD Research Fellow in Marine Biogeochemistry

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Video: <https://youtu.be/i4SDcLir6Oc>

PhD position

There is a vacancy for a PhD Research Fellow in Marine Biogeochemistry at the [Geophysical Institute](#), University of Bergen, and the [Bjerknes Centre for Climate Research](#). The position is for a fixed-term period of 3 years with the possibility of a 4th year with career-promoting work (e.g. teaching at the Department). The position funded by the University of Bergen.

About the project/work tasks

The PhD Fellowship is associated with **Arctic Ocean 2050**, a major ten-year national research program aimed at advancing our understanding of the present state and future evolution of the Arctic Ocean. The program brings together 18 Norwegian partners and combines interdisciplinary fieldwork, innovation, and cutting-edge ocean and climate modelling. Core activities include multiple research cruises and extensive cross-institutional collaboration.

The selected candidate will investigate how climate change affects the efficiency of the Arctic Ocean as a sink for anthropogenic carbon. The project will combine field measurements—such as biogeochemical observations and transient tracers—with outputs from advanced numerical models. The PhD fellow will assess present and future carbon storage in the Arctic Ocean and examine how changes in ocean circulation and mixing, particularly those resulting from sea-ice decline, influence the ocean's capacity to absorb and retain carbon.

This position offers an excellent opportunity for candidates interested in climate science, oceanography, biogeochemistry, and Earth system processes, and who wish to contribute to our understanding of one of the world's most rapidly changing regions. The PhD candidate is expected to participate in a research cruise to the Arctic Ocean commencing late July 2026, and to actively engage in project activities—including meetings, research schools, outreach events, and collaboration within the broader Arctic Ocean 2050 network. The candidate will also become part of the [Bjerknes Centre for Climate Research](#), Norway's leading climate research environment.

Qualifications and personal qualities

- Applicants must hold a master's degree or equivalent education in marine biogeochemistry, oceanography or related field, or must have submitted his/her master's thesis for assessment prior to the application deadline. It is a condition of employment that the master's degree has been awarded.
- A firm understanding of large-scale to regional-scale oceanography, including processes shaping the distribution of biogeochemical tracers (e.g., carbon, nutrients, oxygen) or transient tracers such as CFC-12 and SF6, is required.
- Proficiency in MATLAB or Python is required.
- Applicants must be able to take part in a nearly two-month-long Arctic Ocean research cruise scheduled to begin in late July 2026.
- Prior experience with seagoing fieldwork and sampling is considered an advantage.
- Experience with laboratory measurements and quality control of biogeochemical properties or transient tracers is an advantage.
- Applicants must be able to work independently and in a structured manner and demonstrate good collaborative skills.
- Applicants must have good written and oral English skills.

Personal and relational qualities will be emphasized. Research experience, ambitions and potential will also count when evaluating the candidates.

Special requirements for the position

The University of Bergen is subject to the regulations for the export control system. The regulation will be applied in the processing of the applications.

About the PhD position

About the PhD Research Fellow

The fellowship will be for a period of 3 years, with the possibility for a 4th year contingent on the qualifications of the candidate and the teaching needs of the department and will be decided by the Head of department upon appointment. If a 4th year is granted, one year of career-promoting work associated with teaching, dissemination or research infrastructure/services, will be distributed over the full employment period and thus corresponding to 25 per cent of the time each year.

The employment period may be reduced if you have previously been employed in a qualifying post (e.g., research fellow, research assistant).

About the research training

As a PhD Research Fellow, you must participate in an approved educational programme for a PhD degree within 3 years. The deadline for applying for admission to the PhD programme at The Faculty of Mathematics and Natural Sciences is 2 months after you start your position or after the start of the research project that will lead to the PhD degree. It is a condition that you satisfy the [enrolment requirements for the PhD programme](#) at the University of Bergen.

We can offer

- A good and professionally stimulating working environment
- salary as PhD research fellow (code 1017) in the state salary scale. This constitutes a gross annual salary of NOK 568 700. Further increases in salary are made according to length of service in the position.
- Enrolment in the Norwegian Public Service Pension Fund
- Good [welfare benefits](#)

Your application must include

- a brief account of the applicant's research interests and motivation for applying for the position
- a detailed justification of your qualifications in relation to the listed requirements, explaining how you meet each criterion. Additionally, you should address the "advantages" mentioned above, as these will be taken into account when ranking the candidates.
- the names and contact information for two referees. One of these should be the main advisor for the master's thesis or equivalent thesis
- CV
- transcripts and diplomas showing completion of the bachelor's and master's degrees. If you have not yet completed your master's degree, please submit a statement from your institution confirming that the master's thesis has been submitted
- relevant certificates/references
- approved documentation of proficiency in English (if required, cf. [English language requirements for PhD admission](#))
- a list of any works of a scientific nature (publication list with links)

The application and appendices with certified translations into English or a Scandinavian language must be uploaded at Jobbnorge.

General information

For further details about the position, please contact Professor Are Olsen, Geophysical Institute, University of Bergen, are.olsen@uib.no phone: [+47 55584781](tel:+4755584781).

For HR related questions, please contact Asbjørn Rønningstad Sæther, Asbjorn.Sather@uib.no.

Diversity is a strength that enables us to solve our tasks even better. UiB therefore needs qualified employees regardless of gender, ethnicity, religion, worldview, disability, sexual orientation, gender identity, gender expression, and age.

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.

We encourage applicants with disabilities, immigrant backgrounds, or gaps in their CV to apply. By indicating such circumstances in your application, you may receive favourable consideration. We ensure that at least one qualified applicant from each of these groups is invited for an interview as part of our commitment to inclusivity and equal opportunity. For further information about the recruitment process, click [here](#).

Life as a PhD candidate at UiB

Marion Claireaux tells about life and work as a PhD candidate at UiB.

Video: <https://www.youtube.com/watch?v=nrt6VxMeJ4&index=2&list=PLf8ZIYfAO0qjhROTj6SthDbSScg0ISO6G>

About UiB

The University of Bergen is a renowned educational and research institution, organised into seven faculties and approximately 54 institutes and academic centres. Campus is located in the centre of Bergen with university areas at Nygårdshøyden, Haukeland, Marineholmen, Møllendalsveien and Årstad.

There are seven departments and several centres at Faculty of Science and Technology. [Read more about the faculty](#) and [departments](#).

Additional information

Contact person:

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Place of service:

Allegaten 70 5007 Bergen (Bergen Municipality)