



The Norwegian Polar Institute Section for Sea Ice

Jobbnorge ID: 167141
Deadline: 4/29/2019
Website: <http://www.npolar.no>
Scope: Fulltime
Duration: Fixed Term

Postdoctoral Research Fellow in Arctic Ocean acidification (2 years)

The Norwegian Polar Institute

in Tromsø, Norway invites applications for a postdoctoral research fellow position in Arctic Marine Ocean acidification in our Research Department, Section for Ocean and Sea ice. The position has a duration of 2 years with a possible extension for up to two additional years, depending on funding.

The position is part of the projects "Ocean Acidification - Drivers and Effects on Arctic Marine organisms and ecosystem" and the Integrated Carbon Observing System - ICOS (<https://no.icos-cp.eu>). The projects are a collaboration between several Norwegian universities, university centres and research institutes, as well as several international partners.

Work Content

The postdoctoral research fellow will conduct research in regards to ocean acidification, air-sea CO₂ exchange, and biogeochemical drivers in the Arctic, utilizing large data sets. The data sets are of high-frequency surface water pCO₂, dissolved oxygen, chlorophyll a fluorescence, salinity and temperature from ships and moorings, which will be used to calculate air-sea CO₂ exchange and variability related to drivers and climate change in the Arctic Ocean. The work will include a combination of field campaigns, laboratory work with chemical analyses and computer/modelling work. Data quality control, standardisation of methods, and calibrations will also be a part of the work content.

The successful candidate will participate in cruises/fieldwork on research vessels and at field stations. Sharing the results, through publications in scientific journals and reports, outreach and presentations at conferences will be important parts of the work.

The candidate is expected to work closely with researchers and other postdoctoral scientists in different fields, such as biology/ecology, physical oceanography, and sea ice physics.

Qualifications

The successful candidate must hold a completed PhD in chemical oceanography, marine chemistry or a related discipline with focus on ocean acidification. A documented completed degree is a prerequisite for employment.

For the position, knowledge of polar marine carbonate chemistry and biogeochemical processes are required as well as skills and experience analysing large datasets from measurements in the field and/or autonomous sensors on ships and moorings. Experience with ship-based measurements, Arctic carbon chemistry, analytical techniques for analysis of the carbonate chemistry, programming and/or statistics is an advantage. The candidate should have an international peer-reviewed publication record in relevant fields, and the publication record will be evaluated. Demonstrated ability to apply for external research funding is considered an asset.

We seek applicants, who are structured, solution-oriented, with good cooperative skills, but who also have the ability to work independently. Excellent written and spoken communication skills in English are required.

General Information

The work place is Tromsø, Norway. The salary will commensurate with the qualifications of the successful candidate, according to the Norwegian state salary code 1352 postdoctoral research fellow. There will be a 2% deduction to the Norwegian Public Service Pension Fund.

The main objective of the appointment as a postdoctoral research fellow is to qualify for work in senior academic positions. No one may be appointed to more than one fixed-term period as a postdoctoral research fellow at the same institution. The maximum appointment-period for position as postdoctoral research fellow is four years.

The Norwegian State Administration strives to mirror the diversity of its population and thereby achieve a balanced mix of age, gender and ethnic backgrounds among its employees. All qualified candidates with different backgrounds are encouraged to apply. The Norwegian Polar Institute is an IW-enterprise and adjustments will be made to the workplace regarding health issues, if necessary.

Tromsø is a city of 70.000 residents situated in northern Norway at nearly 70°N. Tromsø is known as a good place to experience the midnight sun, polar night, varied outdoor activities and a lively cultural and entertainment environment. It is also a major, and expanding, centre for research, with numerous government and private research institutions and a major university. The NPI's Research Department is very diverse, both in scientific interests and in nationalities.

Applications

Further inquiries about the position may be directed to Section leader of Oceans and Sea Ice Sebastian Gerland, gerland@npolar.no, tel. +47 77 75 05 54 or Senior Research Scientist Haakon Hop, hop@npolar.no, tel. +47 77 75 05 22.

The application deadline is 29 April 2019.

The application should include details of your relevant qualifications and experience, CV, publication list, copies of your transcripts and names of at least three references. The application must be submitted electronically through www.jobbnorge.no. Please, do not include copies of articles or other work in the application, but note that it may be requested later in the process.

All applications are handled in confidentiality until the application deadline. Thereafter, a public list of applicants will be prepared. Applicants who wish to reserve their applications from the public list must give reasons for this in their applications. Information about an applicant can be made public even if the applicant has requested not be included from the public list of applicants, cf. Freedom of Information Act, Section 25, 2nd paragraph.

The Norwegian Polar Institute

carries out scientific research, mapping and environmental monitoring in the Arctic and the Antarctic. The Institute advises Norwegian authorities in strategic and thematic matters relating to the polar regions, represents Norway internationally on various occasions and is Norway's competent environmental authority

in Antarctica. Under the auspices of the Ministry of Climate and Environment, the Institute has a staff of approximately 160 located in Tromsø, Svalbard (Spitsbergen) and Antarctica. For more information, please visit www.npolar.no.

Additional information

Place of service:

Tromsø