Two 3-year Postdoctoral Research Fellowships in Oceanography

Job description

Two positions as Postdoctoral Research Fellows are available at the Section for Meteorology and Oceanography (“MetOs”) within the Department of Geosciences, with a preferred starting date of 01.11.2020. The appointments are full-time positions and are made for a period of up to three years. No one can be appointed for more than one Postdoctoral Fellow period at the University of Oslo.

More about the position

Both postdocs will work on a project focused on understanding the effects of rough bottom topography on oceanic flows, including on the vertical structure of time-varying currents, the stability of currents and planetary waves, and the dynamics of bottom-intensified waves. The project is being done in collaboration with scientists at the Scripps Institution of Oceanography of the University of California San Diego, at Florida State University and at the Institut de Physique du Globe de Paris (IPGP).

Both positions will be based in Oslo. The post-doc in Fellowship 1 (3 years) will in addition spend one month per year at Scripps, focusing on theoretical aspects of the fluid-solid interactions. The post-doc in Fellowship 2 (3 years) will spend one month per year at Florida State, analyzing output from a state-of-the-art numerical simulation of the North Atlantic. The post-docs will also work with marine geologists, one in Oslo and the second in Paris.

Thus both positions offer unique networking opportunities, requiring close collaboration with groups in the US, Norway and France. In addition to the extended visits to the partner institutions, there will be ample opportunities to attend international conferences. Oslo offers many cultural and natural attractions to enjoy as well.

Beyond the specifics given above, the two fellows are expected to become active and engaged members of the department in general, and the MetOs community in particular. MetOs has a dynamic and growing group of PhD students and post-docs with whom the post-docs can interact.

The main purpose of postdoctoral fellowships is to provide the candidates with enhanced skills to pursue a scientific top position within or beyond academia. To promote a strategic career path, all postdoctoral research fellows are required to submit a professional development plan no later than one month after commencement of the postdoctoral period.

Qualification requirements

The Faculty of Mathematics and Natural Sciences has a strategic ambition of being a leading research faculty. Candidates for these fellowships will be selected in accordance with this and are expected to be in the upper segment of their class with respect to academic credentials.

- Applicants must hold a degree equivalent to a Norwegian doctoral degree in oceanography, atmospheric or climate science. The doctoral dissertation must be submitted for evaluation by the closing date. Only applicants with an approved doctoral thesis and public defense are eligible for appointment.
- Fluent oral and written communication skills in English are required

The following qualifications will count in the assessment of the applicants:

- A strong publication record in peer reviewed journals
- A strong background in mathematics and fluid dynamics (Fellowship 1)
- Prior experience running, developing and/or analysing output from numerical models, preferably general circulation models (Fellowship 2)
- Demonstrated ability to work independently and creatively, but also interest in collaborative research and team work

We offer

- Salary NOK 523 200 - 605 500 per annum depending on qualifications in position as Postdoctoral Research Fellowship (position code 1352)
- Attractive welfare benefits and a generous pension agreement
- Professionally stimulating working environment
- Vibrant international academic environment
- Postdoctoral development programmes
- Oslo’s family-friendly surroundings with their rich opportunities for culture and outdoor activities

How to apply
The application must include:

- Cover letter (statement of motivation, summarizing scientific work and research interest)
- CV (summarizing education, positions, pedagogical experience, administrative experience and other qualifying activity)
- Copies of educational certificates and academic transcripts
- A complete list of publications and up to 5 academic works that the applicant wishes to be considered by the evaluation committee
- Names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone number)

The application with attachments must be delivered in our electronic recruiting system, please follow the link “apply for this job”. Foreign applicants are advised to attach an explanation of their University's grading system. Please note that all documents should be in English (or a Scandinavian language).

In assessing the applications, special emphasis will be placed on the documented academic qualifications, as well as the candidates’ motivation and personal suitability. Interviews with the best qualified candidates will be arranged.

**Formal regulations**

Please see the [guidelines and regulations](#) for appointments to

According to the Norwegian Freedom of Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

The University of Oslo has an agreement for all employees, aiming to secure rights to research results etc.

The University of Oslo aims to achieve a balanced gender composition in the workforce and to recruit people with ethnic minority backgrounds.

**Contact information**

For further information please contact: Joe LaCasce, phone: +47 228 55955, e-mail: j.h.lacasce@geo.uio.no or Bjørg Rognerud, phone: +47 228 57917, e-mail: bjorg.rogenerud@geo.uio.no

For questions regarding the recruitment system please contact: Torunn S Guttormsen, phone: +47 228 54272, e-mail: t.s.guttormsen@mn.uio.no.

**About the University of Oslo**

The University of Oslo is Norway’s oldest and highest rated institution of research and education with 28 000 students and 7000 employees. Its broad range of academic disciplines and internationally esteemed research communities make UiO an important contributor to society.

The geosciences are the studies of the planet Earth and its comparative planetology; the atmosphere, the hydrosphere and cryosphere, the Earth's surface and its interior. The Department of Geosciences conducts research and teaching in most of the domains of geoscience; geology, geophysics, physical geography, geomatics, hydrology, meteorology and oceanography.

The Department is the broadest geoscience research and education environment in Norway. The Department encompasses five sections; Meteorology and Oceanography, Geography and Hydrology, Geology and Geophysics, Physics of Geological Processes (Njord centre) and one Centre of Excellence CEED - Centre of Earth Evolution and Dynamics.

The Department aims to contribute to the new and important UN Sustainability Development Goals. The staff consists of 40 professors and associate professors, in addition to postdoctoral fellows, PhD students, researchers, technical- and administrative staff. Approximately number of employees are 240 at the Department.

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