



UNIVERSITETET I OSLO

Jobbnoge ID: 295771
Deadline: 3/14/2026
Website: <http://www.uio.no/>
Scope: Fulltime
Duration: Temporary

Postdoctoral Research Fellow in Multiscale fault characterization

About the position

Position as Postdoctoral Research Fellow available at Department of Geosciences at the University of Oslo.

Starting date no later than October 1, 2026.

Four-year employment: The appointment is a full-time position and is for a period of four years (25 % of which is devoted to career promoting work, usually in the form of teaching activities, supervision duties and/or research assistance). This is dependent upon the qualifications of the applicant and the current needs of the department.

No one can be appointed for more than one Postdoctoral Research Fellowship at the University of Oslo.

Place of work is Department of Geosciences at Blindern.

Project description

The project is part of gigaCCS, where University of Oslo is one of the main academic partners (Sintef lead). The gigaCCS Center will develop excellent re-search and innovative approaches for carbon capture and storage. The section for study of sedimentary basins at the department of Geosciences at the University of Oslo contributes to the storage work package of this large initiative in collaboration with many other national and international partners. The project is of strategic relevance for the CCS development in the North Continental Shelf as the project aims to provide new fault data and innovative workflows for fault characterization analysis.

The appointed candidate is expected to work with multiscale fault data from outcrop studies, reflection seismic data, and boreholes, hence, incorporating different scales of studies from microscopic studies of outcrop samples to large scale faults on seismic data. The project is part of the digitalization for risk management; therefore, it is expected that the candidate will be familiar with new methods such as AI (deep learning) for subsurface studies (seismic interpretation).

A part of the candidate's job is to contribute to administrative work in the project and actively participate in communication with other partners and outreach. In addition, the candidate will have some teaching and supervision duties to improve their academic skills.

In the first month of the position, the candidate should develop a research plan with expected journal publications that need to be approved.

The main purpose of a postdoctoral fellowship 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.

What skills are important in this role?

The Faculty of Mathematics and Natural Sciences has a strategic ambition to be among Europe's leading communities for research, education and innovation. Candidates for these fellowships will be selected in accordance with this, and expected to be in the upper segment of their class with respect to academic credentials.

Required qualifications:

- 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.
- Applicants must hold a degree equivalent to a Norwegian doctoral degree in structural geology or relevant topics with a special focus on fault characterization, both fault geometry and properties.
- The applicant should have worked on fault characterization at multiscale, outcrop (including microscopic studies of samples) and subsurface scales, using reflection seismic and well data.
- The applicant should have some knowledge or experience of deep learning for analysis of geological data, preferably with the use of reflection seismic and well data.
- The applicant must hold a valid driver license in Europe and be able to do fieldwork in Norway and abroad.
- Fluent oral and written communication skills in English are required.

All candidates and projects will have to undergo a check versus national export, sanctions and security regulations. Candidates may be excluded based on these checks. Primary checkpoints are the Export Control regulation, the Sanctions regulation, and the national security regulation.

What are we looking for in you?

Personal skills:

- The following qualifications will count in the assessment of the applicants
- Being motivated and enthusiastic to perform the research tasks.
- To be able to work in a team and have good communication and inter-personal skills.
- Being focused and at the same time be able to deliver tasks before dead-lines.

Employment in the position is based on a comprehensive assessment of all qualification requirements applicable to the position, including personal skills.

We can offer you

- Exciting and meaningful tasks in an organization with an important societal mission, contributing to knowledge development, education, and enlightenment that promote sustainable, fair, and knowledge-based societal development
- Committed colleagues in a good working environment
- Good [welfare schemes](#).
- Opportunity of up to 1.5 hours a week of [exercise during working hours](#).
- A workplace with good development and career opportunities
- [Postdoctoral development programmes](#).
- Membership in the [Statens Pensjonskasse](#), which is one of Norway's best pension schemes with beneficial mortgages and good insurance schemes
- Salary in position as Postdoctoral Fellow, position code 1352 in salary range NOK 595 000 - 690 000, depending on competence and experience. From the salary, 2 percent is deducted in statutory contributions to the State Pension Fund

We need different perspectives in our work

UiO is an open and internationally oriented comprehensive university that strives to be an inclusive and diverse workplace and academic environment. You can read more about UiO's work on equality, inclusion, and diversity at [uio.no](#).

We fulfill our mission most effectively when we draw upon our variety of experiences, backgrounds, and perspectives. We are looking for great colleagues, could you be the next one?

We will do our best to accommodate your needs. Relevant adjustments may include modifications to working hours, task adaptations, digital, technical, or physical adjustments, or other practical measures.

If you have an [immigrant background, a disability, or CV gaps](#) (Norwegian), we encourage you to indicate this in the job application portal. We always invite at least one qualified candidate from each group for an interview. In this context, disability is defined as an applicant who identifies as having a disability that requires workplace or employment-related accommodations. For more details about the requirements, please refer to the [Employer portal](#) (Norwegian).

The selections made in the job application portal are used for anonymized statistics that all state employers include in their annual reports. More information about gender equality initiatives at UiO can be found [here](#).

We hope you will apply for the position with us.

How to apply

The application must include:

- Cover letter (statement of motivation, summarizing scientific work and research interest).
- Project description. A short proposal (max. 3 pages) on research plan, topics, and tasks for this position.
- CV (summarizing education, positions, pedagogical experience, administrative experience and other qualifying activity).
- Copies of educational certificates, academic transcript of records.
- 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)

Application with attachments must be submitted via our recruitment system Jobbnorge, click "Apply for this job".

When applying for the position, we ask you to retrieve your education results from [Vitnemålsportalen.no](#). If your education results are not available through Vitnemålsportalen, we ask you to upload copies of your transcripts or grades. Please note that all documentation must be in English or a Scandinavian language.

General information

The best qualified candidates will be invited for interviews.

Please see the [guidelines](#) and [regulations](#) for appointments to Postdoctoral fellowships at the University of Oslo.

If an applicant has applied for and been granted funding for a fulltime research stay abroad while being employed as a Postdoctoral Research Fellow, the employment will be prolonged with the equivalent time as the research stay, but for no longer than of twelve months (thus extending the employment to a maximum of four years)

No one can be appointed twice as a Postdoctoral fellow financed with funds from The Research Council of Norway (NFR).

Applicant lists can be published in accordance with Norwegian Freedom of Information Act § 25. When you apply for a position with us, your name will appear on the public applicant list. It is possible to request to be excluded from this list. You must justify why you want an exemption from publication and we will then decide whether we can grant your request. If we can't, you will hear from us.

The University of Oslo has an [agreement for all employees](#), aiming to secure rights to research results a.o.

About the University of Oslo

The University of Oslo is Norway's oldest and highest rated institution of research and education with 26 500 students and 7 200 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. We perform research at a high international standard and have five ERC (European Research Council) research projects ongoing.

The Department encompasses six scientific sections; Meteorology and Oceanography, Geography and Hydrology, Study of sedimentary basins, Environmental geosciences, and Crustal Processes. We host now a third in the line of three Centre of Excellences: PHAB - Centre for Planetary Habitability, and have a Norwegian Research School for PhD students (Research School for Dynamics and Evolution of Earth and Planets, DEEP).

The Department aims to contribute to the new and important UN Sustainability Development Goals, and are important contributors to IPCC (UN's Inter-governmental Panel on Climate Change). The staff consists of 40 professors and associate professors, in addition to postdoctoral fellows, PhD students, researchers, technical- and administrative staff. The Department has around 200 employees.

Additional information

Contact persons:

- Anita Torabi, Professor
Phone: | E-mail: anita.torabi@geo.uio.no
- For questions related to the application system on jobbnorge, contact Ørjan Pretorius, HR Adviser
Phone: | E-mail: orjan.pretorius@matnat.uio.no

Place of service:

Sem Sælands vei 1 0371 Oslo (Oslo Municipality)