



Jobbnoe-ID: 143600

Søknadsfrist: Closed

Nettside:

Omfang:

Varighet:

Associate Professor in Geophysics and Planetary Sciences

A position as Associate Professor in Geophysics and Planetary Sciences is available at the Department of Geosciences, University of Oslo in the Centre for Earth Evolution and Dynamics (CEED).

Job description:

The successful candidate will mostly work with the Department's section CEED and contribute to the Department's graduate and undergraduate programme. CEED is a Norwegian Center of Excellence established in 2013. Its main goal is to develop a model that explains how mantle processes drive plate tectonics and trigger massive volcanism and associated environmental and climate changes throughout Earth's history. CEED also aims at understanding similarities and differences between Earth and other terrestrial planets and the successful candidate is expected to focus her/his research on planetary crustal processes and planetary evolution. The development of planetary timescales in the context of solar system evolution and small body dynamics may be one core area of the candidate, performing research in "Comparative Planetology", and advance the understanding of planet interior dynamics recorded on planetary surfaces for solid surface bodies. As part of the compulsory teaching duties the successful candidate is expected to teach at both Bachelor and Master/PhD level. In particular, expertise to teach a recently added course in the Bachelor/Master level curriculum "Planetary Sciences" is required. The candidate will be also responsible in developing the graduate CEED teaching plan.

CEED provides a broad interdisciplinary computation and numerical simulation research environment. CEED and GEO (and MN at large) intend to enhance computing in science education, and therefore experience in numerical and computational applications will be an asset. Access to local and national supercomputer facilities is also available.

For the final ranking of candidates the applicant must:

- hold a PhD in Earth and Planetary sciences or a related field
- have a strong background in studying planet's surface and interior with focus on comparative planetology
- have a strong background in analyzing geophysical/remote sensing data with an emphasis on potential-field methods
- have deployed and enhanced planetary surface dating techniques, including cratering statistics, and small body population evolution
- document publications in high-level international journals
- success in obtaining external funding

Further advantages for the final ranking of candidates are:

- ability to collaborate with other researchers
- experience in leading a research group
- a national and international network
- document pedagogical competence and teaching skills
- documented popular science activities, outreach, and other relevant activities

Please see [Rules for Appointments to Professorships and Associate Professorships at UiO](#), for more details regarding qualifications and the assessment.

Application requirements:

The application should document the candidate's education, previous positions, scientific and pedagogical activities, leadership qualifications as well as administrative experience. Applicants should also include a short description of the scientific papers they consider most significant, not exceeding 10 papers. Interviews and trial lectures may be used as part of the appointment process.

The application must include:

- Application and CV
- Publication list
- Description of significant scientific papers (max. 10)
- Statements/documentation of experience.

The successful applicant must acquire basic pedagogical qualifications within the first two years after appointment unless such qualifications can be documented.

The application with attachments must be delivered in our electronic recruiting system, please follow the link "apply for this job". Please note that all documents should be in English (or a Scandinavian language).

Salary:

Position code 1011, NOK 569 000 - 686 900 per year, depending on qualifications and seniority.

The University of Oslo wishes to employ more women in permanent, academic positions. Thus women are especially encouraged to apply for this position.

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

According to the Freedom of Information Act (offentlighetsloven) § 25 section 2, information concerning the applicant may be made public even though the applicant has requested not to be shown on the list of applicants.

For additional information, contact:

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Head of the Department of Geosciences, Dr. Brit Lisa Skjelkvåle, +47 228 58101, b.l.skjelkvale@geo.uio.no

For questions about the recruitment system, HR Officer, Helene Jansen, + 47 22857196, h.b.jansen@mn.uio.no

Tilleggsinformasjon

Arbeidssted: