

The University of Helsinki is among the leading multidisciplinary research universities in the world. In addition to its 11 faculties, the University includes several independent institutes, some of which are jointly operated with other universities. Some 35,000 students are currently pursuing an undergraduate or a postgraduate degree at the University of Helsinki.

The Department of Geosciences and Geography at the Faculty of Science is an exceptionally diverse unit for academic research and education. Our research interests range from exploring the experiences of minorities in cities, through plate tectonics to how environments have changed since life began. The common denominator of the research at the Department is our planet Earth, from its core to the structures of its surface and its people.

The Faculty of Science at the University of Helsinki invites applications for a FULL PROFESSOR OR ASSISTANT/ASSOCIATE PROFESSOR (TENURE-TRACK) IN GEOLOGY (SUSTAINABLE EARTH RESOURCES)

The successful applicant is expected to focus on fundamental research in the geological and geochemical characterization of Earth resources dealing with prominent societal challenges in ensuring supply of solid Earth, hydrogeological and/or non-renewable energy resources. The successful applicant is expected to build a research group in the field of solid Earth resources focusing on but not limited to the sustainable use and cycling of commodities (e.g., critical metals). Experience in mining, disposal, and recycling as well as reduction and mitigation of the environmental load are desirable. The Professorship is tailored to fill a current void in research and teaching in the department, and promote development of this research area in close collaboration with the research groups in Economic Geology, Geochemistry, another newly filled position in Environmental Geochemistry and with the Institute of Seismology. We expect the successful applicant to establish active research collaboration with national and international research institutes as well as the industry and public sector.

To be successful in the position, the applicant shall develop/have a strong collaborative international network, demonstrated ability to conduct research on an internationally high level as well as take advantage of national and international research funding opportunities. The appointee will participate in teaching and supervision at all levels in the department, and develop study modules on the sustainable use of earth resources within the BSc Programme in Geosciences and MSc Programme in Geology and Geophysics.

The University will offer the appointee a challenging career opportunity in top-level research and research-based teaching, possibilities for international collaboration, and for the appointed assistant/associate professor prerequisites to grow into full professorship. In addition to the funding possibilities offered by the national funding agencies, the Faculty of Science opens calls on infrastructure funding. The selected person is also anticipated to get a startup package equivalent to a postdoc salary for three years and some support for infrastructure development.

A professor will carry out and supervise scientific research, provide teaching based on it, follow developments in research and participate in societal interaction in his/her field and in international cooperation.

According to the Regulations of the University of Helsinki, a professor must hold a doctoral degree and have high-level academic qualifications and experience in leading scientific research. The professor must also be able to provide research-based teaching of high quality, supervise dissertations and theses as well as to have international cooperation in the field.

An assistant/associate professor must hold a doctoral degree and ability for independent scientific work as well as teaching skills required by the position. Furthermore, the successful candidate is expected to have competence and motivation for scientific career proven by scientific publications and other academic activities.

When assessing the qualifications of each candidate, attention will be paid to scientific publications and other research results of scientific value, teaching experience and pedagogical training, the ability to produce teaching materials, other teaching merits, and, if deemed necessary, teaching skills as demonstrated in a lecture as well as participation in doctoral education. Furthermore, attention will be paid to the applicant's activities within the research community, success in obtaining research funding, research work abroad and elected positions in international organisations.

Applications must have the following enclosures as a one single pdf file (in English):

- 1) an academic portfolio after approved guidelines by the Faculty (as set out at <https://www.helsinki.fi/en/faculty-of-science/faculty/join-us/academic-p...>)
- 2) a list of those publications and other relevant documents on competence and merits that the applicant wishes to be taken into account in the selection process.

On the Faculty's request, the applicant should prepare to submit up to 10 publications of his/her choice to be sent to assessors after the application period. The publications shall be submitted through the University of Helsinki Recruitment System upon request of the Faculty.

Please submit your application using the University of Helsinki Recruitment System via the link "Apply for the position". Applicants who are employees of the University of Helsinki are requested to leave their application via the SAP HR portal.

The dead line for applications is 15 November 2019.

More information:

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