

**Jobbnorge-ID:** 95442  
**Søknadsfrist:** Avsluttet  
**Nettside:**  
**Omfang:**  
**Varighet:**

## Professorship/Associate Professorship in Civil and Transport Engineering (Geotechnical Engineering)

The Department of Civil and Transport Engineering at the Faculty of Engineering Science and Technology, at the Norwegian University of Science and Technology (NTNU) announces the following vacant professorship/associate professorship in civil and transport engineering (geotechnical engineering). The Department has at present 17 professors, 15 adjunct professors, 13 in other academic positions and about 60 doctoral candidates.

The Department has responsibility for the following disciplines: Building and Material Technology, Geotechnical Engineering, Marine Civil Engineering and Road, Transport and Geomatics. For more information about the department see <http://www.ntnu.no/bat>.

The Professorship/Associate Professorship shall take part in education and research within Geotechnical Engineering with special responsibility for slope stability. The teaching and the research shall be based on geomechanics and linked to the strategy for the Geotechnical Engineering Group, which has its main research within advanced numerical simulations of soil behavior, advanced laboratory soil testing and field investigations.

The society is today facing a climate change that has direct effect on the safety of people and the built infrastructure. The position shall address these issues and the research area will be stability problems in general, specializing within one or more of the fields: stability of soil or rock slopes, snow avalanches, flow slides and debris flow. The position will be given a specific responsibility for the international MSc Programme in Geotechnics and Geohazards.

The successful applicant for the Professorship/Associate Professorship must be able to document his/her extensive qualifications and scientific expertise in the discipline, particularly in the specified fields in which the position has particular responsibility. Weight will be given to the ability to supervise and initiate research and development work.

Weight will also be given to pedagogical skills. The evaluation of the candidate will be based on documented pedagogical material, including pedagogical education and training, the presentation of academic work, experience from supervising students at master's level and doctoral candidates, teaching as well as other pedagogical matters.

An academic that is employed without having a formal pedagogical qualification in university level teaching and cannot document equivalent qualification, is required to successfully complete an approved course to acquire pedagogical qualifications for teaching at university level within two years of taking the appointment. The University offers such courses.

The applicants that have been shortlisted will be invited for interviews and demonstration of their pedagogical ability, usually in the form of a trial lecture.

The Professor/Associate Professor is to be jointly responsible for disciplinary matters together with other academic staff in the Department. The Professor/Associate Professor is required to participate in teaching activities in accordance with the relevant curriculum and assist in further developing the teaching programme, including continuing education. The Professor/Associate Professor is to supervise master students and doctoral candidates in his/her discipline. The Professor/Associate Professor must agree to participate in administrative work.

The Professor/Associate Professor is obliged to follow the regulations that concern changes and developments within the discipline and/or the organizational changes concerning activities at the University.

It is assumed that newly employed staff in academic positions who do not already master a Scandinavian language are to obtain, within three years, knowledge of Norwegian or another Scandinavian language at an equivalent standard to level three in the Norwegian for Foreigners courses provided at the Department of Language and Communication Studies. The University provides such courses. The appointment is to be made in accordance with the regulations in force concerning State Employees and Civil Servants.

NTNU would like to increase the percentage of female scientists in academic positions, and its policy is outlined in its equal opportunities plan. The following initiatives are relevant here: Start package for women in male-dominated fields. Qualification scholarships and mentor program for women in academic positions.

The position adheres to the Norwegian Government's policy of balanced ethnicity, age and gender. Persons with immigrant background are encouraged to apply.

The position as professor follows code 1013, and is remunerated according to wage levels 68 to 101 on the State salary scale, with gross salary from NOK 578 800 to NOK 1 228 800 a year. There will be a 2 % deduction to the Norwegian Public Service Pension Fund from gross salary.

The position as associate professor follows code 1011, and is remunerated according to wage levels 57 to 77 on the State salary scale, with gross salary from NOK 473 400 to NOK 696 600 a year. There will be a 2 % deduction to the Norwegian Public Service Pension Fund from

gross salary.

The salary is adjusted according to the recent wage negotiations, and given subject to the final approval of the Storting (the Norwegian Parliament).

Further details about the Professorship / Associate Professorship can be obtained from Professor Steinar Nordal, tel. +47 73 59 45 94, email [steinar.nordal@ntnu.no](mailto:steinar.nordal@ntnu.no).

Applicants are asked to give an account of their pedagogical qualifications according to prepared guidelines ("Documentation of an applicant's pedagogical qualifications") which can be obtained from the following address on internet:  
[http://www.ntnu.no/administrasjon/avdelinger/personal/momentliste\\_ped\\_kval\\_e.html](http://www.ntnu.no/administrasjon/avdelinger/personal/momentliste_ped_kval_e.html)

**The following documents must be enclosed with the application:**

- Certified copies of certificates, testimonials and a list of academic work.
- Academic work - published or unpublished - that has relevance to the evaluation of the applicant's qualifications by the evaluation committee (not more than 10 such submissions).
- A description of all the academic work that the applicant feels is most significant and that he/she feels the evaluation committee should pay particular attention to.
- A list of all publications with bibliographical references.

Joint work will be evaluated. If it is difficult to identify the contributions from individuals in a joint piece of work, applicants are to enclose a short descriptive summary of what he/she did in this connection.

Applicants are asked to submit the application in English with regards to the evaluation process.

Applications are to be submitted via the link on this page. The file number for the position (**IVT-100/13**) is to be clearly stated on the application.

**The application deadline is 1 October 2013.**

## **Tilleggsinformasjon**

**Arbeidssted:**