

Jobbnorge ID: 214030
Deadline: 1/2/2022
Website: <http://www.ntnu.no>
Scope: Fulltime
Duration: Permanent

At the Department of Ocean Operations and Civil Engineering there is a vacancy for a permanent 100% position as associate professor in water and environmental engineering.

Associate Professor in Water and Environmental Engineering

This is NTNU

NTNU is a broad-based university with a technical-scientific profile and a focus on professional education. The university is located in three cities with headquarters in Trondheim.

At NTNU, 9,000 employees and 42,000 students work to create knowledge for a better world.

Video: <https://youtu.be/Xt-yHCN5QSO>

About the job

At the Department of Ocean Operations and Civil Engineering at the Faculty of Engineering, Norwegian University of Science and Technology (NTNU), there is a vacancy for a permanent 100% position as associate professor in water and environmental engineering.

The department conducts education and research in technology areas such as civil engineering, water and environmental engineering, ship design and product and system design, as well as nautical, shipping and shipping management and maritime logistics. About 90 people are currently employed at the department. The institute is located in Ålesund. It is a prerequisite that the position holder will be present in Ålesund and available to the institution on a daily basis.

The advertised position will be affiliated with the bachelor's and master's program in water and environmental engineering. The employee will have special responsibility for teaching and research in the field of water and sewage. The position holder shall fulfil academic responsibilities together with the department's other academic staff. The person concerned is also obliged to participate in the implementation of the teaching program in the current curriculum, and in the further development of the subject area and the teaching program, including continuing education. The person who is employed shall supervise bachelor and master students in their field and is also obliged to take part in administrative work.

You will report to the Head of the department.

Responsibilities

- Teaching and supervision of bachelor and master students in selected courses in water and environmental engineering
- National and international networking within the water sector
- Planning and development of research projects in water and environmental engineering in collaboration with municipalities and industry
- Development of teaching materials for bachelor's and master's degree programs

Required qualifications

You must have the qualifications required for the position of associate professor (code 1011) or as associate professor (code 1009) in the field of water and environmental engineering, as outlined in [the regulations concerning appointment and promotion to teaching and research posts](#)

- Your PhD/master's degree, or equivalent scientific work, must be in water and environmental engineering, hydraulics, water & wastewater treatment or equivalent combined with professional practical experience.
- Experience from the water sector in the public or private sector.
- Good knowledge of professional challenges related to design and/or operation of water/wastewater infrastructure
- Competence and good knowledge of professional digital tools (e.g. BIM, NOVAPOINT, SWMM, EPANET, etc.)
- Must have knowledge of the Norwegian or another Scandinavian language as a working and teaching language
- Good digital expertise
- Good oral and written presentation skills in English

You must document relevant basic competence in teaching and supervision at a university/higher education-level, as referenced in the Norwegian national [Regulations](#). If this cannot be documented, you will be required to complete an approved course in university pedagogy within two years of commencement. NTNU offers qualifying courses.

New employees who do not speak a Scandinavian language by appointment is required, within three years, to demonstrate skills in Norwegian or another Scandinavian language equivalent to level three of the [course for Norwegian for speakers of other languages at the Department of Language and Literature at NTNU](#).

Preferred qualifications

- Teaching experience from the university and university college sector will be preferred
- Experience from the water sector will be preferred

Personal qualities

- Ability to initiate and lead research and development work
- Good communication and collaboration skills
- Structured and analytical
- Good execution ability

When assessing the most qualified for the position, we will emphasize on education, experience and personal suitability, as well as your motivation for the position.

We offer

- exciting and challenging tasks in a strong international academic environment
- an open and [inclusive work environment](#) with dedicated colleagues
- favourable terms in the [Norwegian Public Service Pension Fund](#)
- [employee benefits](#)

Salary and conditions

In the position as associate professor (code 1011) you will normally be paid a gross of NOK 650 300 - NOK 850 300 per year depending on qualifications and seniority. In the position as associate professor (code 1009) you will normally be paid a gross of NOK 604 700 - NOK 825 900 per year depending on qualifications and seniority. As required by law, 2% of this salary will be deducted and paid into the Norwegian Public Service Pension Fund.

Employment will be granted in accordance with the principles outlined in the regulations in force concerning State Employees and Civil Servants, and the acts relating to Control of the Export of Strategic Goods, Services and Technology. Candidates who by assessment of the application and attachment are seen to conflict with the criteria in the latter law will be prohibited from recruitment to NTNU. Applicants should be aware that there may be changes in the working environment after employment has commenced.

It is a prerequisite that you are able to be present and accessible at the institution daily.

Application Process

You can find more information about working at NTNU and the application process [here](#).

Video: <https://youtu.be/bwfNPj8HxHw>

About the application

Your application and supporting documentation must be in English.

Please note that your application will be considered based solely on information submitted by the application deadline. You must therefore ensure that your application clearly demonstrates how your skills and experience fulfil the criteria specified above.

If, for any reason, you have taken a career break or have had an atypical career and wish to disclose this in your application, the selection committee will take this into account, recognizing that the quantity of your research may be reduced as a result.

Your application must include:

- CV, diplomas, and certificates
- Cover letter
- A teaching portfolio, in which your teaching competence is compiled and presented systematically, (See guidelines for applicants: [Documentation of teaching qualifications in applications and appointments to academic positions at NTNU](#))
- Academic works - published or unpublished - that you would like to be considered in the assessment (up to 10 works)
- A description of the academic/artistic works that you regard as most relevant and that you particularly want to be considered in the assessment
- A list of your previous works, with details on where they have been published
- A research plan
- Details of projects for which you have served as project manager, including information on financing, duration, and scope
- Name and address of three referees

Joint work will also be considered. If it is difficult to identify your specific input to a joint project, you must include evidence of your contributions.

While considering the best-qualified applicants, we will pay particular attention to personal qualities, your motivation for applying for the position, and your pedagogical skills and qualifications. Our assessment will be based on documented pedagogical material, forms of presentation in your academic works, teaching experience, PhD, and Masters supervision, and any other relevant pedagogical background. Both quality and scope will be taken into consideration.

NTNU is obliged by the evaluation criteria for research quality in accordance with [The San Francisco Declaration on Research Assessment - DORA](#). This means that we will pay particular attention to the quality and academic range demonstrated by your scientific work to date. We will also pay attention to research leadership and participation in research projects. Your scientific work from the last five years will be given the most weight.

Your application will be considered by a committee of experts. Candidates of interest will be invited to a trial lesson and an interview.

General information

NTNU's personnel policy emphasizes the importance of equality and diversity. We encourage applications from all qualified candidates, regardless of gender, disability, or cultural background. NTNU is working actively to increase the number of women employed in scientific positions, and has a number of resources to promote equality.

The city of Ålesund, with its population of 50 000, will provide you with plenty of opportunities to explore a region of Norway that is famous for its beautiful scenery with high mountains and blue fjords. Ålesund itself, with its Art Nouveau architecture, is by many considered to be the most beautiful city in Norway! The Norwegian welfare state, including healthcare, schools, kindergartens and overall equality, is probably the best of its kind in the world.

As an employee at NTNU, you must continually maintain and improve your professional development and be flexible regarding any organizational changes.

In accordance with public law your name, age, job title, and county of residence may be made available to the public even if you have requested not to appear on the public list of applicants. For the sake of transparency, candidates will be given the expert evaluation of their own and other candidates. As an applicant you are considered part of the process and is stipulated to rules of confidentiality.

If you have any questions regarding the position, please contact Razak Seidu, e-mail rase@ntnu.no. If you have questions regarding the recruitment process, please contact Nelly Ann Longva, e-mail nelly.a.m.longva@ntnu.no.

The application and all attachments should be submitted electronically via jobbno.no. If you are invited for an interview, you must bring with you certified copies of all certificates and diplomas. Mark your application with reference number: IV-225/21

Application deadline: 02.01.2022

NTNU - knowledge for a better world

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The Norwegian University of Science and Technology (NTNU) creates knowledge for a better world and solutions that can change everyday life.

Department of Ocean Operations and Civil Engineering

We aim to be a hub of international knowledge and innovation in maritime operations. This involves education and research on the design of ships and marine equipment as well as on the operation of vessels. Maritime operations integrate technology, human factors and business. The interfaces between these areas often spark inspiration for innovation and new solutions. [The Department of Ocean Operations and Civil Engineering](#) is one of eight departments in [the Faculty of Engineering](#).

Additional information

Place of service:

NTNU Ålesund/Campus Ålesund 6025 Ålesund (Ålesund Municipality)