

Jobbnorge ID: 252889
Deadline: 2/1/2024
Website: <http://www.ntnu.no>
Scope: Fulltime
Duration: Permanent

We are looking for an

Associate Professor in Biological Oceanography

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 44,000 students work to create knowledge for a better world.

Video: <https://youtu.be/Xt-yHCN5QS0>

Om stillingen

The Department of Biology has a vacant permanent position as Associate Professor in biological oceanography with a focus on zooplankton ecology.

The hired person will be a member of the "Marine Sciences group" that has teaching and research activities within marine science and aquaculture. The department is host for the international study program "Master in Ocean Resources" (MSOCEAN), designed to give students a broad understanding of the complex interactions in the marine sector across fields of marine ecology and aquaculture. The hired person will be expected to contribute to the study in marine ecology of MSOCEAN, as well as teaching marine-related courses in the Bachelor's program in Biology.

Marine ecology research topics of the Marine Science Group

The overarching aim of the Marine Sciences group is to perform excellent research and education in marine ecology and areas focused upon sustainable management, production, and utilization of biological marine resources. Significant research topics within marine ecology include marine ecophysiology, including primary production and macroalgal and benthic invertebrate ecology, predator-prey relationships, behavioral and evolutionary dynamics, fish, and marine mammal ecology, as well as use of bio-optics and bioacoustics for enhanced marine sensing.

The announced position will strengthen our academic and research activities in biological oceanography and marine ecology, with particular focus on zooplankton ecology. The successful candidate will be expected to work with in-situ observations of pelagic systems across any of the following areas: environment-organism dynamics, population or community dynamics, food web structuring, biological-physical coupling, or other relevant marine ecology topics. It is required that the new faculty member has a strong research profile covering different aspects of biological oceanography and marine ecology that is complementary to that of the current academic staff. In addition, possible synergies with other groups at the Department of Biology such as Environmental toxicology (e.g. study of pollution impacts), Cell and Molecular Biology, Physiology (metabolism, stressors, etc.) and Biodiversity studies will be considered a benefit.

The Department of Biology focuses on developing integrated research groups where researchers within related fields can establish strong research and teaching units both within the different research groups, but also with other research groups at the department and NTNU. The staff of the Marine Sciences group co-operates with scientists across the Department of Biology, as well as many other NTNU Faculties, with particularly strong ties to the Department of Marine Technology and Department of Biology's Applied Underwater Robotics Laboratory (AUR-Lab). The new faculty member will be expected to take an active part in the further development of cross disciplinary research at NTNU. Ability to develop or use ecological sensors on instrument carrying platforms (e.g., autonomous surface- and underwater vehicles, aerial drones, or mini-satellites) will be considered a benefit.

The employed candidate will be integrated in the Marine Sciences group with an office and laboratories at Trondhjem Biological Station (TBS) and will report to the Head of Department.

Your immediate leader is Head of department Kjetil Rasmussen.

Duties of the position

As a new member of the Marine Sciences group, you will:

- Initiate new research in zooplankton ecology using in-situ observations with questions relating to environment-organism dynamics, population or community dynamics, food web structuring, biological-physical coupling, or other relevant marine ecology topics.
- Take part in interdisciplinary research collaborations, both within the Marine Sciences group, with other researchers at the Department of Biology, across NTNU, and with national and international partners.

- Engage in applications for external funding from e.g., the Research Council of Norway, European research and educational agencies, and other available resources.
- Participate in the further development of the Marine Sciences group and Department of Biology.
- Teach in the above-mentioned study programs, including supervision of PhD and MSc fellows.

Required qualifications

Candidates are evaluated based on documented qualifications. We encourage qualified candidates to apply, regardless of their gender, gender identity, functional capacity, or cultural background. We especially encourage upcoming early career academics from underrepresented groups to apply.

You must have the qualifications required for the position of associate professor in the field of biological oceanography, within zooplankton ecology, as outlined in the regulations concerning appointment and promotion to teaching and research posts.

- Your PhD, or academic work, must be within biological oceanography or related field, with documented background in zooplankton ecology.
- Research experience in relevant marine ecology topics relying on use of in-situ observations.
- You must have a minimum of two years of internationally competitive, relevant research experience in addition to your PhD.
- You must document relevant basic competence in teaching and/or supervision at 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 are required, within three years, to demonstrate skills in Norwegian or another Scandinavian language equivalent to level three (level B2) of the course for Norwegian for speakers of other languages at the Department of Language and Literature at NTNU.

Preferred qualifications

- Demonstrated ability to attract external funding from national and/or international funding agencies related to the research area.
- Demonstrated ability to conduct internationally competitive research related to e.g. environment-organism dynamics, population or community dynamics, food-web structuring, biological-physical coupling, that will build on the work within the Marine Sciences and other sections of the Department of Biology.
- Ability for interdisciplinary activities and collaborations, including ability to develop or use ecological sensors on instrument carrying platforms (e.g., autonomous surface- and underwater vehicles, aerial drones, or mini-satellites) or moorings.
- Hands-on field and ocean-going experience.

Personal qualities

- Ambitious and highly motivated to develop internationally competitive research, attract external funding, and contribute to the development of the department's teaching plans.
- Ability to initiate new projects.
- Demonstrated teamwork skills with ability to work closely as part of collegial teams, and to contribute substantially to the working environment of the Marine Sciences group and the Department of Biology at NTNU.
- Excellent communication skills.
- Proactive and positive attitude.

We offer

- Exciting and challenging tasks in a strong international academic environment.
- Open and inclusive work environment with dedicated colleagues.
- Favorable terms in the Norwegian Public Service Pension Fund, and employee benefits.

Application Process

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

Video: <https://youtu.be/bwfnPj8HxHw>

Salary and conditions

A position as an Associate Professor (code 1011) will be remunerated according to the Basic Agreement for the Civil Service, 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.

The engagement is to be made in accordance with 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.

It is a prerequisite you can be present at and accessible to the institution on a daily basis.

About the application

Your application and supporting documentation must be in English.

Please address all required and preferred selection criteria in your application.

Publications and other scientific work must be included with the application. 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:

- A cover letter explaining your interest and fit for this position.
- CV, diplomas, and certificates.
- Academic works that you consider to be most relevant and which you wish to be considered during assessment of your application (up to 5 items).
- A list of your previous works, with details on where they have been published.
- A research plan for this position (maximum 5 pages including references):
 - A paragraph describing your research field/goal.
 - Maximum one page outlining your background within the field and your contribution to state of the art.
 - Maximum two pages outlining your short-term plan (3-5 years).
 - Maximum two pages outlining your long-term (10 year) research goals with funding scenarios for reaching them.
- 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).
- Names and contact information for three relevant 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.

In the evaluation of which candidate is best qualified, emphasis will be placed on education, experience and personal and interpersonal qualities. Motivation, ambitions, and potential will also count in the assessment of the candidates. Our assessment of the pedagogical skills 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 an expert committee. Candidates of interest will be invited to an interview, and to deliver a trial teaching session.

General information

NTNU believes that inclusion and diversity is a strength. We want our faculty and staff to reflect Norway's culturally diverse population and we continuously seek to hire the best minds. This enables NTNU to increase productivity and innovation, improve decision making processes, raise employee satisfaction, compete academically with global top-ranking institutions, and carry out our social responsibilities within education and research. NTNU emphasizes accessibility and encourages qualified candidates to apply regardless of gender identity, ability status, periods of unemployment or ethnic and 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 Trondheim is a modern European city with a rich cultural scene. Trondheim is the innovation capital of Norway with a population of 200,000. The Norwegian welfare state, including healthcare, schools, kindergartens, and overall equality, is probably the best of its kind in the world. Professional subsidized day-care for children is easily available. Furthermore, Trondheim offers great opportunities for education (including international schools) and possibilities to enjoy nature, culture and family life and has low crime rates and clean air quality.

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

A public list of applicants with name, age, job title and municipality of residence is prepared after the application deadline. If you want to reserve yourself from entry on the public applicant list, this must be justified. Assessment will be made in accordance with current legislation. You will be notified if the reservation is not accepted.

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 Head of Department Kjetil Rasmussen (kjetil.rasmussen@ntnu.no) or Associate Professor Ana Širović (ana.sirovic@ntnu.no). If you have questions regarding the recruitment process, please contact HR-Advisor Joakim Henriksen (joakim.henriksen@ntnu.no).

If you think this looks interesting and in line with your qualifications, please submit your application electronically via jobbno.no with your cover letter, CV, diplomas and certificates, research plan and teaching portfolio attached. Applications submitted elsewhere will not be considered. Upon request, you must be able to obtain certified copies of your documentation.

Application deadline: 01.02.2024

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.

The Faculty of Natural Sciences

[The Faculty of Natural Sciences](#) is a key player in national and international research and education programmes in natural sciences and technology. Our research focuses on global challenges in the areas of energy, climate, the environment, food, water, health and welfare. The Faculty consists of eight departments as well as the Faculty Administration.

Additional information

Place of service:

- Adresse mangler 7491 Trondheim (Trondheim Municipality)
- Høgskoleringen 5 7034 Trondheim (Trondheim Municipality)