Assistant Professor in Biogeochemistry

Environmental Microbiology section (EMBI) has a strong research profile in environmental microbiology with particular focus on a range of different habitats, including soil, groundwater and Arctic regions. EMBI currently lacks a VIP at the Assistant Professor level who works on nutrient cycling and biogeochemical processes who can provide novel dimensions, interpretation and project opportunities within microbial ecology. The new Assistant Professor should also be able to interact and collaborate within other sections (e.g., MITO and ATMI).

Your profile
EMBI is especially interested in individuals whose research integrates field-based and laboratory approaches to understand nutrient cycling processes in aquatic and soil environments. Research focused on Arctic is particularly relevant here.

Applicants should have demonstrated experience in low-level quantification of nutrients and a strong background in analytical chemistry and method development. Experience in Arctic fieldwork, including logistical planning and international collaboration, is essential. Proficiency in a range of laboratory techniques, such as ion chromatography, spectrophotometric methods, and gas chromatography, is required to fully utilize the analytical platforms available at Aarhus University (Risø campus).

The successful candidate will have a strong record of academic achievements at the international level and show potential to develop collaborative research within the university and with external partners. An interest in Arctic and sediment biogeochemistry is central to this position, and a complementary interest in soil processes would be advantageous. A demonstrated ability to attract external funding from national and/or international funding agencies is expected.

Taks and responsibilities
Responsibilities include:

- Apply for funding and conduct research both basic, research-based advisory work and industry-related
- Manage the research facilities at EMBI associated with nutrient and biogeochemical analyses (i.e., ion chromatography, spectrophotometric methods, gas chromatography)
- Co-supervision of PhD and Master students
- Ensuring collaboration across the different sections at ENVS and different Departments in order to develop a research group in Biogeochemistry
- Participate and contribute to administration and committees within the department

Qualifications requirements
Academic qualifications:

- A PhD in Environmental Chemistry, Geography, or related fields
- Demonstration of collaboration with environmental microbiologists through collaborative projects and/or common publications
- Experience in cosupervision of PhD and Master students
- Experience in in lowlevel quantification of nutrients and a strong background in analytical chemistry and method development.
- Proficiency in a range of laboratory techniques, such as ion chromatography, spectrophotometric methods, and gas chromatography, is required to fully utilize the analytical platforms available at Aarhus University
- Experience in Arctic fieldwork, including logistical planning and international collaboration, is an advantage.
- Strong record of academic achievements at the international level within Arctic,

Application Deadline:
05 January 2026

Institute/Faculty:
Department of Environmental Science

Faculty:
Faculty of Technical Sciences

Academic contact person:
Alexandre Magno Barbosa Anesio
Professor, sektionsleder
+4587158736
ama@envs.au.dk
+4522568980

Vacant positions:
1

Number of months:
48

Hours per week:
37

Expected date of accession:
01/08/2026

sediment and soil biogeochemistry.

- A demonstrated ability to attract external funding from national and/or international funding agencies is expected.

Personal qualifications/social skills:

- Show strong potential to develop collaborative research within the university and with external partners. A collaborative mindset and strong problemsolving skills.
- Motivated by working in a highly dynamic environment.

Place of Work

The place of work is Frederiksborgvej 399, 4000 Roskilde. The affiliation will be with Aarhus University, Department of Environmental Science.

More information can be obtained from Alexandre Anesio (Head of Section), ama@envs.au.dk, and Carsten Suhr Jacobsen (Head of Department), csj@envs.au.dk.

Application procedure

Shortlisting is used. This means that after the deadline for applications – and with the assistance from the assessment committee chairman, and the assessment committee if necessary, – the head of department selects the candidates to be evaluated. The selection is made on the basis of an assessment of who of the candidates are most relevant considering the requirements of the advertisement. All applicants will be notified within 6 weeks whether or not their applications have been sent to an expert assessment committee for evaluation. The selected applicants will be informed about the composition of the committee and will receive his/her assessment. Once the recruitment process is completed a final letter of rejection is sent to the deselected applicants.

Letter of reference

If you want a referee to upload a letter of reference on your behalf, please state the referee's contact information when you submit your application. We strongly recommend that you make an agreement with the person in question before you enter the referee's contact information, and that you ensure that the referee has enough time to write the letter of reference before the application deadline.
Unfortunately, it is not possible to ensure that letters of reference received after the application deadline will be taken into consideration.

If you wish to add a referee **after** you have submitted your application, you must send this person's details (name, job title, place of work, and email address) as well as the name of the position you have applied for to: HR.Nattech@au.dk

Formalities and salary range

Technical Sciences refers to the Ministerial Order on the Appointment of Academic Staff at Danish Universities under the Danish Ministry of Science, Technology and Innovation.

The application must be in English and include a curriculum vitae, degree certificate, a complete list of publications, a statement of future research plans and information about research activities, teaching portfolio and verified information on previous teaching experience (if any). Guidelines for applicants can be found here.

Appointment shall be in accordance with the collective labour agreement between the Danish Ministry of Taxation and the Danish Confederation of Professional Associations. Further information on qualification requirements and job content may be found in the Memorandum on Job Structure for Academic Staff at Danish Universities.

Salary depends on seniority as agreed between the Danish Ministry of Taxation and the Confederation of Professional Associations.

Aarhus University's ambition is to be an attractive and inspiring workplace for all and to foster a culture in which each individual has opportunities to thrive, achieve and develop. We view equality and diversity as assets, and we welcome all applicants.

Research activities will be evaluated in relation to actual research time. Thus, we

encourage applicants to specify periods of leave without research activities, in order to be able to subtract these periods from the span of the scientific career during the evaluation of scientific productivity.

Aarhus University offers a broad variety of services for international researchers and accompanying families, including relocation service and career counselling to expat partners. Read more here. Please find more information about entering and working in Denmark here.

The application must be submitted via Aarhus University's recruitment system, which can be accessed under the job advertisement on Aarhus University's website.

Aarhus University

Aarhus University is an academically diverse and research-intensive university with a strong commitment to high-quality research and education and the development of society nationally and globally. The university offers an inspiring research and teaching environment to its 38,000 students (FTEs) and 8,300 employees, and has an annual revenues of EUR 935 million. Learn more at www.international.au.dk/