



**Research Engineer in
Arctic carbon cycling
at the [Department of Environmental Science](#).**

Ref. No. SU FV-1165-22

Closing date: 15 May 2022

The Department of Environmental Science is one of the biggest departments at the Faculty of Science. The department consists of four units with more than 170 researchers, teachers, doctoral students and technical/administrative staff from over 30 countries. Research and teaching focuses on chemical contaminants, atmospheric science, biogeochemistry and (eco)toxicology. As an employee at the Department of Environmental Science you will be part of a dynamic environment with research in leading research areas and with a strong international profile.

Research in the Biogeochemistry Unit focuses on the biogeochemical cycles of carbon, nitrogen and metals in soils, fresh water bodies, and the ocean. The unit has a strong and long-standing research focus on the impact of global warming on Arctic environments with the overarching goal to improve the systems understanding and future projections of biogeochemical cycles in this system.

The Biogeochemistry Unit is now seeking a Research Engineer to complement our team and contribute to developing and executing experimental work on carbon cycling in a changing Arctic.

Main responsibilities

The Research Engineer will support a range of research activities planned for 2022 and 2023, including for the new ERC Starting Grant project PRIMETIME on the impact of plant-soil interactions on Arctic CO₂ fluxes.

Main responsibilities:

- Contribution to conceptual development, establishment and testing of experimental setups with soils and living plants in the field and laboratory
- Maintenance, troubleshooting, calibration and quality assurance of analytical equipment (e.g. cavity-ringdown laser)
- Contribution to planning of and possibly participation in Arctic field campaigns
- Ordering supplies and technical equipment
- Close interaction with postdoctoral researchers, PhD and master students as well as collaboration partners
- Support with lab management and other tasks as needed

Qualification requirements

We are looking for a well-organized, hands-on and service-oriented person with

- M.Sc. or Ph.D. degree, in e.g. environmental science, bioscience, geoscience, engineering
- Interest in contributing technical expertise to climate change research
- Experience with laboratory or field experiments
- Experience with the maintenance and quality assurance of analytical instruments
- Collaborative skills and proficiency in English

Terms of employment

This is a full-time, time-limited position for one year. We are aiming for a starting date in fall 2022. Salaries at Stockholm University are determined individually; therefore, please indicate your requested salary.

Stockholm University strives to be a workplace free from discrimination and with equal opportunities for all.

Contact

Further information about the position can be obtained from Ass. Prof. Dr. Birgit Wild, birgit.wild@aces.su.se.



Union representatives

Ingrid Lander (Saco-S), telephone: +46 708 16 26 64, saco@saco.su.se, Alejandra Pizarro Carrasco (Fackförbundet ST/Lärarförbundet), telephone: +46 8 16 34 89, alejandra@st.su.se, and seko@seko.su.se (SEKO).

Application

Apply for the position at Stockholm University's recruitment system. It is the responsibility of the applicant to ensure that the application is complete in accordance with the instructions in the job advertisement, and that it is submitted before the deadline.

Only include the cover letter and CV in your application. Bring copies of grades and certificates if you are called to an interview. The instructions for applicants are available at: [How to apply for a position](#).

You are welcome to apply!

URL to the recruitment system and application for this position:

<https://www.su.se/english/about-the-university/work-at-su/available-jobs?rmpage=job&rmjob=17600&rmlang=UK>