

Physical-chemical research technician with management skills

Faculty of Science – Institute for Biodiversity and Ecosystem Dynamics

Application publication date

October 4, 2017

Application closing date

October 22, 2017

Educational level

MSc or PhD

Salary

€ 2.588 to € 4.084 gross per month based on 38 hours per week

Employment

32-38 hours per week (0.84-1.0 fte)

Application number

17-489

Currently, we have a job opening for a research technician for our physical-chemical laboratories, who will also be responsible for management of the lab. We are looking for a skilled and experienced research technician with expertise in physical-chemistry and strong affinity to the biogeochemistry of soil and aquatic (both freshwater and marine) ecosystems. The [Institute for Biodiversity and Ecosystem Dynamics \(IBED\)](#) is one of eight research institutes of the [Faculty of Science](#) at the University of Amsterdam. Our scientific studies aim at a better understanding of the dynamics of ecosystems at all relevant levels, from genes to climate change, using a truly multi-disciplinary approach, and based on both experimental and theoretical research. Scientific focus is on aquatic (both freshwater and marine) and terrestrial ecosystems, population and evolution biology, paleo-ecology, theoretical and computational ecology.

Job description

You will provide technical support in physical chemistry to the scientific projects and education programs of IBED. You will be co-responsible for the management of all our IBED laboratories, but your first responsibility will be with our physical-chemical and macro-biological laboratories. In this lab, research activities focus on the biogeochemistry and ecology of terrestrial and aquatic ecosystems.

Tasks

- Lab coordination of physical-chemical and macro-biological laboratories of IBED and supervision of a team of technicians working in these labs;

- instruction and support to BSc- and MSc-students, PhD-candidates and scientific staff with the set-up and implementation of experiments conducted in the physical-chemical and macro-biological laboratories with an emphasis on soil science;
- development of new analytical procedures;
- set-up and support of practical courses (including fieldwork);
- end-responsibility for proper and safe use of laboratories and, together with your colleagues, responsible for the management and maintenance of all IBED facilities.

Requirements

The candidate must have:

- MSc in biological, geological, or chemical sciences and at least 5 years of working experience. A PhD degree is not a prerequisite, but is considered as an advantage;
- experience with managing scientific laboratories and in supporting BSc- and MSc-students and PhD-candidates to apply physical-chemical techniques;
- strong technical skills in isotope ratio mass spectrometry (IRMS), elemental analysis and/or LC-MS;
- ability to work on multidisciplinary topics in a multidisciplinary research team;
- ability to speak and communicate in English at an academic level;
- non-Dutch candidates are required to learn the Dutch language within 2 years.

More information

Interested? For more information on this position please contact

- Dr. Monique van Wordragen, institute manager: M.F.vanWordragen@uva.nl,
T: +3120-525 7755 (until 11 October 2017 inclusive) or
- Dr. Merijn Schuurmans, biological research technician: J.M.Schuurmans@uva.nl,
T: +31 20-525 7072 (as from 12 October 2017)

Appointment

We offer a position for 32-38 hours a week in an exciting, dynamic and international research environment, starting as soon as possible. Initial appointment will be for a period of 12 months. After a positive assessment of the employee it will be converted into a permanent employment contract. This position is classified in the function profile Education/Research Officer at level 1. The full-time gross monthly salary varies between € 2.588 and € 4.084 gross per month, depending on relevant experience (salary scale 10). The [Collective Labour Agreement for Dutch Universities](#) is applicable. The annual salary will be increased by 8% holiday allowance and 8.3% end-of-year bonus.

Job application

Applications should include a detailed CV and a motivation letter and refer to vacancy number 17-489. Applications should be sent ultimately at 22 October 2017 to: application-science@uva.nl.