

Three PhD students in biogeochemistry/microbial ecology

Uppsala University is a comprehensive research-intensive university with a strong international standing. Our mission is to pursue top-quality research and education and to interact constructively with society. Our most important assets are all the individuals whose curiosity and dedication make Uppsala University one of Sweden's most exciting workplaces. Uppsala University has 44.000 students, 7.100 employees and a turnover of SEK 7 billion.

Three PhD student position in biogeochemistry/microbial ecology are available at the Department of Ecology and Genetics, Limnology.

The Department of Ecology and Genetics is an international environment with staff and students from all over the world. Our research spans from evolutionary ecology and genetics to studies of ecosystems. For more information, see www.ieg.uu.se.

The limnology program conducts research and teaching on the ecology and biogeochemistry of inland waters, from microscopic to global scale.

Project description: We are seeking three PhD students to undertake projects in the field of biogeochemistry and with focus on the cycling of organic matter. The PhD students will work in a collaborative research group focusing on the persistence and degradation of organic matter in aquatic and terrestrial ecosystems. The research spans across a broad set disciplines and fields of expertise, including analytical chemistry, geochemistry, microbial ecology, and ecosystem science. The overall aim of the research is to understand how the stability and degradation of organic matter is controlled by environmental factors, microbial functional diversity, and the diversity and composition of organic matter. The projects are funded by the Swedish Research Council, Formas (a Swedish Research Council for sustainable development), and the Knut and Alice Wallenberg Foundation.

Qualifications required: To be eligible for a PhD-student position the applicant must hold a master degree (or equivalent) in a field of relevance to biogeochemistry and

microbial ecology. To be qualified, experience and knowledge is required in one or several of the following fields: analytical chemistry, geochemistry, microbial ecology, limnology and marine ecology, soil science. Candidates must be able to express themselves very well in spoken as well as written English. In the evaluation of candidates, we will emphasize personal qualities such as independence and teamwork skills.

Qualifications desired: The ideal candidates would have previous experience with lab work requiring good attention to detail and field work. Some basic programming skills and familiarity with statistical approaches are highly valuable.

Starting date: 2020-02-01 or as otherwise agreed.

Salary: According to local agreement for PhD students.

Position: Temporary position according to the Higher Education Ordinance chapter 5 § 7. The graduate program covers four years of full-time study. The position can be combined with teaching or other duties at the department (maximum 20%), which prolongs the employment with the corresponding time. The salary will be set according to local agreements. Rules governing PhD candidates are set out in the Higher Education Ordinance Chapter 5, §§ 1-7 and in Uppsala university's rules and guidelines http://regler.uu.se/search/?hits=30&languageId=1&search-language_en=English. More information about postgraduate studies at Uppsala University is available at <http://www.teknat.uu.se/education/postgraduate/>.

Application: The application should include 1) a letter of intent describing yourself, your research interests, motivation of why you want to do a PhD, and why you are suitable for the position, 2) your CV, 3) a short description of your education, 4) a copy of your master degree, your course grades and a copy of your master thesis, 5) the names and contact information to at least two reference persons (e-mail address and phone no.), and 6) publications produced. The application should be written in English.

Uppsala University aims for gender balance and diversity in all activities in order to achieve a higher quality at all levels of the organization. We therefore welcome

applicants of any gender and with different birth background, functionality and life experience.

For further information about the position please contact: Prof. Lars Tranvik, lars.tranvik@ebc.uu.se, +46 18 4712722; Dr. Dolly Kothawala, dolly.kothawala@ebc.uu.se, +46 184712719.

You are welcome to submit your application no later than 2019-12-02, UFV-PA 2019/3593.

Please do not send offers of recruitment or advertising services. Applications must be submitted as described in this advertisement.

Placement: Department of Ecology and Genetics

Type of employment: Full time , Temporary position longer than 6 months

Pay: Fixed salary

Number of positions: 1

Working hours: 100 %

Town: Uppsala

County: Uppsala län

Country: Sweden

Union representative: Seko Universitetsklubben seko@uadm.uu.se

ST/TCO tco@fackorg.uu.se

Saco-rådet sacco@uadm.uu.se

Number of reference: UFV-PA 2019/3593

Last application date: 2019-12-02

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