

PhD student in Marine Ecotoxicology

Ref. No. SU FV-0189-17

Apply

at [the Department of Ecology, Environment and Plant Sciences](#). Closing date: 24 February 2017.

At the Department of Ecology, Environment and Plant Sciences at Stockholm University research and education are conducted in an international environment. The subject areas include marine and plant ecology, ecotoxicology, plant physiology and plant systematics. Some of the research has direct environmental and societal relevance and approaches are often broad and interdisciplinary. About 140 people are working at the department, among which 35 are teachers or senior researchers, and ca. 50 are PhD students.

Project description

The PhD position is part of the project: "Baltic Cap – New Ecologically sustainable techniques for sediment remediation *in situ* to counteract eutrophication and immobilize contaminants". In order to achieve Sweden's environmental objectives of a non-toxic environment and a sea in balance, it is not sufficient to reduce our new emissions of chemicals, we also need to remediate some highly polluted areas, such as contaminated soils and sediments. The aim of this project is to demonstrate the feasibility of a new sediment remediation technique *in situ* (i.e. on site) by adding thin-layer caps with either activated carbon or calcium carbonate to increase the sequestration of contaminants and nutrients and thereby decrease their release from the sediment to the water column. The PhD project will include lab and field experiments and model approaches to demonstrate the applicability of these new remediation techniques. Further, the PhD project will also be associated to our current Swedish national environmental programs for ecological and toxicity assessments of sediments in the Baltic Sea.

Qualification requirements

In order to meet *the general entry requirements*, the applicant must have completed a second-cycle (post-graduate) degree, completed courses equivalent to at least 240 higher education credits, of which 60 credits must be in the second cycle, or otherwise have acquired equivalent knowledge in Sweden or elsewhere.

In order to meet *the specific entry requirements*, the general syllabus for doctoral studies in the field of Marine Ecotoxicology stipulates, that applicants must have completed at least 30 higher education credits in the second cycle in natural sciences, and obtained at least 30 hp credits from a degree project in Marine Ecotoxicology or other relevant field in natural sciences.

Only a person, who will be or has already been admitted to a third-cycle programme may be appointed to a doctoral studentship. The primary assessment criteria in appointing a doctoral student should be the capacity to benefit from the training.

Selection

The selection among the eligible candidates will be based on the following criteria: documented knowledge in the subject of Marine Ecotoxicology, written and oral proficiency in English, capacity of analytical thinking, ability to collaborate, communication skills and creativity, initiative, and independence. The assessment will be based on previous experience and grades, the quality of the degree project, eventual publications, references, relevant experience, interviews, and the candidate's written motivation for seeking the position. As this position is in the field of Ecotoxicology, other relevant criteria that are meriting are previous experience in ecological risk assessment and toxicity modelling, work with multiple stressors in the marine environment. Publications and teaching experience are also meriting.

Admission Regulations for Doctoral Studies at Stockholm University are available at: www.regelboken.su.se.

Terms of employment

The term of the initial contract may not exceed one year. The employment may be extended for a maximum of two years at a time. However, the total period of employment may not exceed the equivalent of four years of full-time study.

Doctoral students should primarily devote themselves to their own education, but may engage in teaching, research, and administration corresponding to a maximum of 20 % of a full-time position.

Please note that admission decisions cannot be appealed.

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

Contact

For more information, please contact the head of subject, Prof. Jonas Gunnarsson, jonas.gunnarsson@su.se, telephone: +46 70 576 24 21 (SMS are preferred).

Union representatives

Anqi Lindblom-Ahlm (Saco-S) and Lisbeth Häggberg (Fackförbundet ST and Lärarförbundet), telephone: +46 8 16 20 00 (operator), seko@seko.su.se (SEKO), and PhD student representative, doktorandombud@sus.su.se.

Application

Apply for the position at Stockholm University's recruitment system by clicking the "Apply" button. 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. We recommend that you hand in your application, including necessary documents, in English.

Please include the following information with your application

- Your contact details and personal data
- Your highest degree
- Your language skills
- Contact details for 2 references

in addition, please include the following documents as pdf files:

- Cover letter (max. 3 pages) including:
 - why you are interested in the field/project described in the advertisement
 - why and how you wish to complete the project
 - what makes you suitable for the project in question
- CV – with degrees and other completed courses, work experience and a list of degree projects/theses
- Degree certificates and grades confirming that you meet the general and specific entry requirements (no more than 6 files)
- Degree projects/publications (no more than 3 files).

The instructions for applicants are available at: [Instructions – Applicants](#).

You are welcome to apply!

Vi är ett av Europas ledande universitet i en av världens mest dynamiska huvudstäder. En relation med Stockholms universitet är meriterande oavsett om du är student, forskare eller intressent. Hos oss ger utbildning och forskning resultat.

Closing date: 24/02/2017

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