

Centre for Environmental and Climate Science

Announcement of funding for researchers to apply for doctoral student projects in Environmental Science

Note: It is the researcher who apply for this funding, not the student

The Centre for Environmental and Climate Science (CEC) is responsible for the interdisciplinary PhD programme in Environmental Science. CEC now announces funding to partly finance up to five (5) doctoral student projects, where the doctoral students are admitted to the PhD programme in Environmental Science. The doctoral student will be employed at and have their main workplace at the main supervisor's department.

For each of the approved applications, CEC will account for a sum equivalent to half a PhD position for 4 years.

The last day to submit a project proposal is 2024-01-19.

General information

CEC invites applications from researchers for individual doctoral student projects. It is not intended for students who are already admitted to PhD studies.

We welcome research projects that will investigate environmental science research questions. Interest areas can lie within CEC's current research environments, or other research fields of interest for environmental science.

The subject combines the study of human impact on natural processes and the measures and strategies that can be implemented in order to prevent, avert or counteract environmental problems and achieve long-term sustainable development. The project must also be interdisciplinary. A more detailed description can be found in the general syllabus for Environmental Science.

A link to CECs current research, is found here:

<https://www.cec.lu.se/research>

A link to the general syllabus in Environmental Science is found here:

<https://www.science.lu.se/internal/research-and-education/postgraduate-studies/general-syllabi-and-individual-study-plan>

For each of the approved applications, a position of a doctoral studentship will be advertised according to the regulations of the Faculty of Science, and CEC will account for funding equivalent to half the position for 4 years.

Requirements

The last day to submit a project proposal is 2024-01-19.

The student will be enrolled in the Environmental Science PhD programme and gain a PhD in Environmental Science regardless of where the main supervisor is employed.

A link to the general syllabus in Environmental Science is found here:

<https://www.science.lu.se/internal/research-and-education/postgraduate-studies/general-syllabi-and-individual-study-plan>

The main supervisor must be employed at the Faculty of Science, and be an associate professor (docent) or have the equivalent scientific and pedagogical competence. The main supervisor and all co-supervisors must have attended doctoral supervision training (preparatory course for prospective associate professors or the Faculty's doctoral supervision course for assistant supervisors). The same applies to people in business, at another university or abroad.

A link to training in higher education teaching and learning at the Faculty of Science is found here:

<https://www.science.lu.se/internal/research-and-education/training-higher-education-teaching-and-learning>

The doctoral student will be employed at and have his/her main workplace at the department where their main supervisor works and will have access to a shared workplace at CEC.

The department where the main supervisor works will finance the other half of the doctoral studentship with faculty resources or through external funding.

Before the doctoral studentship is announced, an agreement between CEC and the main supervisor's department must be signed by the head of the department and the supervisor. Also, a recruiting committee in line with the rules of the Faculty of Science must be appointed before the doctoral studentship is announced.

Instructions

The application for the doctoral student project is submitted by the main supervisor. Each applicant can submit only one application as main supervisor but can contribute to other applications as a co-supervisor. Please note that the application will be evaluated by representatives of a broad range of subjects rather than disciplinary experts. Project applications must be written in English, and sent as one electronic pdf file containing the following:

1. First page
Project title, name and contact details of the main applicant (main supervisor) and co-applicants (co-supervisors).
2. Scientific project description
Maximum 5 pages, Times 12, single spacing

The project application must clearly describe the doctoral student's project. The following should be included:

- a. The environmental science research questions.
See the description in the general syllabus for Environmental Science for description. During the evaluation process of the incoming applications emphasis will be placed on the interdisciplinary nature of the project, therefore the application should argue why the project is suitable for environmental science and not any of the other research fields within the natural sciences.
- b. Methods used.
- c. Competence and contributions of the supervisors.
It must be clear which supervisors are involved and what their roles are, and also if there are collaborators outside the university.

3. Funding

Full funding for the entire project must be presented, using the full cost application template. This includes:

- a. The remaining 50% of the salary costs including annual increase, extensions, prolongations, and social security contributions.
- b. Full funding of the operating costs (lab costs, equipment, travel cost etc).
- c. If part of the funding is from external projects, these have to be specified. Only approved external funding will be considered.
- d. All costs must include indirect costs (overhead).

4. CV

CV of the applicant and co-applicants including pedagogic training and a list of maximum 10 relevant peer-reviewed publications.

5. Certificate

The head of the main supervisor's department must confirm that:

- a. The doctoral student will be employed at and have his/her main workplace at the department.
- b. The department takes responsibility for the supervision of the doctoral student.
- c. The department guarantees the funding of the remaining half of the studentship and the operational costs of the project.
- d. The department is aware that:
 - i. The student will be enrolled in the Environmental Science programme and gain a PhD in Environmental Science.
 - ii. The student will be expected to use a shared workplace at CEC at regular intervals/annat.
 - iii. During the time as a PhD student, the host institution manages the employment, including extension of the PhD position and increase of the salary level, while CEC manages the PhD education including registering in study administrative systems.

- iv. An agreement has to be signed between CEC, the department and the supervisors before the doctoral studentship is announced. The agreement establishes the conditions for supervision, that the project is within the general syllabus, that the supervisors have the required competence, and how the funding is distributed.

Assessment

Applications will be evaluated by a review panel representing of a broad range of subjects (rather than disciplinary experts) and the decision will be taken by the CEC Board. The final number of applications granted (up to five) will be decided at the same time.

Applications will be assessed based on:

- Scientific quality and relevance: Projects with clear and innovative scientific issues and appropriate methodology will be prioritized.
- Environmental Science: The project must have a clear environmental science character in line with the subject description and goals listed in the general syllabus for Environmental Science. Projects with an interdisciplinary nature are prioritized. Projects with a clear description of each supervisor's role are prioritized.
- The project must be well defined, reasonable to be carried out by a doctoral student and within the time of the PhD education.
- The application must clearly present the full funding for the entire project.

Application

2024-01-19, is the last day to apply.

Send your application to Karin Hofvendahl at email karin.hofvendahl@cec.lu.se, who also provides information on the application procedure. Subject line of email should include "Application for PhD funding".

Additional information is also provided by Maria Hansson, Deputy director of PhD Studies, email: maria.hansson@cec.lu.se.

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Director

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