



# Ph D student in Biology Uppsala

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## Department of Ecology

We conduct internationally strong research and education aimed towards sustainable forestry, agriculture and conservation. Our research on populations, communities and ecosystems forms the basis for our research on the effects of land use and climate on animals, plants and soil. We aim at finding solutions that will contribute to improve greenhouse gas balances, conserve threatened species, support biodiversity and ecosystem services, sustainable wildlife management, and pest management in forest and agricultural landscapes, as well as in urban areas.

## Recreational values in forested landscapes – where are they and how do they relate to biodiversity?

### Content:

This project aims at increasing our understanding for how to manage forests to combine recreation, production and biodiversity. Thus, it will provide knowledge valuable for decision-makers, but the number of researchers in this field is low. In this project, the Ph D student will learn to work with research questions and methods (such as spatial statistical analyses) that are widely applied in landscape ecology and forest science.

There is a need for better understanding of recreational values of forests. This project will provide such knowledge by combining existing and new data from inquiries about recreational preferences and activities with national-level forest and land-cover data. The goal is to a) analyse stated recreational preferences in relation with forest characteristics and biodiversity (especially birds); b) analyse actual recreational behaviour in relation with landscape composition and configuration, c) analyze distance from home to recreational activities and use this together with data from (a), (b), and nation-level forest data to identify hotspot areas and deficiency areas for recreation in forests. Finally, (d) landscape strategies that combine recreational values with forest production and nature conservation will be simulated. Stakeholders will be involved in the scenario development and in evaluating the pros and cons with the outcome of various scenarios.

Thomas Ranius (<https://www.slu.se/en/ew-cv/thomas-ranius/>), Marcus Hedblom (<https://www.slu.se/en/ew-cv/marcus-hedblom-phd-researcher-analyst/>), and Anna Filyushkina are in the supervision group.

## Qualifications

Applicants should have a Master's degree (or equivalent) in biology, or similar relevant subjects with specialization in ecology, and should have a strong interest in both theoretical and applied aspects of ecology and conservation biology. Advanced level courses in animal ecology, conservation biology, landscape ecology, forest management/planning are considered a merit. Skills in planning, executing, and reporting scientific studies are considered a merit, as is experience with statistical analyses and GIS. The applicant should have the ability to work both independently and in a team. Proven ability to excellently write and speak English is essential. Ability to write and speak Swedish is a merit. Excellent communication skills shown by, for instance, written texts or teaching and leadership experience is a merit.

## Place of work:

Department of Ecology, Uppsala.

## Form of employment:

Employment as Ph D student (4 years education).

## Starting date:

According to agreement.

## Application:

**We welcome your application no later than 2019-06-09**

A person has basic eligibility for third cycle education if he or she has taken a second cycle qualification or has completed course requirements of at least 240 higher education credits, including at least 60 higher education credits at second cycle education. Upper secondary school grades equivalent to English B/English 6 are a basic requirement.

Selection among applicants meeting the requirements is made with reference to written application including curriculum vitae, copies of degrees and transcripts of academic records, one copy of the dissertation for masters or undergraduate degree, a list of at least two references familiar with the applicant's qualifications, certified knowledge of the English language and an interview.

Please observe that applicant/s chosen to participate in an interview shall hand in certified true copies of certificates, diplomas and transcripts from previous studies at an internationally recognized higher education institution (university or university college) and transcripts in connection to the interview. If the applicant is a foreign citizen we require a certified copy of the page in your passport with your personal data and photograph.

Read about the PhD education at SLU at [www.slu.se/en/education/postgraduate-studies/](http://www.slu.se/en/education/postgraduate-studies/)

## Academic union representatives:

<https://internt.slu.se/min-anstallning/facket/kontaktpersoner/>

**The Swedish University of Agricultural Sciences (SLU)** develops the understanding and sustainable use and management of biological natural resources. The university ranks well internationally within its subject areas. SLU is a research-intensive university that also offers unique degree programmes in for example rural development and natural resource management, environmental economics, animal science and landscape architecture.

SLU has just over 3,000 employees, 5,000 students and a turnover of SEK 3 billion. The university has invested heavily in a modern, attractive environment on its campuses in Alnarp, Umeå and Uppsala.

[www.slu.se](http://www.slu.se)

SLU is an equal opportunity employer.

### Contact person

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