

1 PhD student in the research education subject: Forest management

Regeneration of Scots pine

The Swedish University of Agricultural Sciences (SLU) is announcing a PhD-position that will participate in developing new methods for regeneration of Scots Pine in southern Sweden.

The PhD-position is one of six that will be part of the research program FRAS, "future silviculture in southern Sweden", that is a co-operation between SLU, Skogforsk and the Linné University. PhD-students within the program will be working with different silvicultural aspects during the rotation in order to give a good synthesis of the whole silvicultural chain. Communication with the forest sector is an important part of the research program.

The use of Scots pine in regenerations in southern Sweden has decreased during the last 20-30 years. One contributing factor for this decrease is damage from browsing animals that may cause reduced growth and future timber quality in Scots pine plantations. New results show that Scots pine is rare to find as future crop trees in young forest stands in southern Sweden. This development is alarming, partly because Scots pine is an important tree species for the economy of forestry in the area, but also because Scots pine is an important species from a biodiversity perspective. Therefore, development of regeneration methods in order to achieve fast and secure establishment of naturally regenerated-, seeded- or planted Scots pine is one of the key questions for forest management in southern Sweden.

In order to counteract the present negative trend of Scots pine in the area, we are now looking for a PhD-student that will develop new regeneration methods for Scots pine in southern Sweden. In the PhD-project, new field experiments will be installed and data from them will be analyzed. Data from already existing experiments will also be used in the project, among other to investigate the effect of browsing and to find methods to reduce the negative effects of browsing on production and economy.

Qualifications

Master in forest science or related subjects. The applicant should be interested in both applied and theoretical silvicultural questions and need to be experienced in analysis of large data. Ability of communication both in writing and oral is important since communication with the forest sector is an important part of the project. The applicant should have a high level of independence and should enjoy tasks that demands analytical abilities. Because the position includes field-work, a driving license is advantageous.

Place of affiliation: Alnarp

For other FRAS positions, see also: LNU:
<https://lnu.se/mot-linneuniversitetet/Lediga-jobb/>
It is possible to apply for more than one of the FRAS-PhD positions, but separate applications need to be submitted for each position. All FRAS-PhD positions will be appointed during the autumn of 2017, under the condition that the research program is fully financed.

Forms for funding or employment

Employment as PhD student (2 or 4 years education)

SLU is an Equal Opportunity Employer.

A person has basic eligibility for third level education if he or she has taken a second level qualification or has completed course requirements of at least 240 higher education credits, including at least 60 higher education credits at second level.

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.

Read about the PhD education at SLU at www.slu.se/en/education/programmes-courses/postgraduate-studies/

Use this [APPLICATION FORM](#)

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Applications, marked with **ref no SLU ua 1652/2017**, must have arrived at the Registrar of SLU, P.O. Box 7070, SE-750 07 Uppsala or registrator@slu.se no later than **2017-06-12**.

