

## Post-doc on forest sector adaptation to climate change

### **At Southern Swedish Forest Research Centre**

#### **Research area:**

Climate change poses increasing demands for adaptation by forestry and the forest sector. Forests management decisions by forest owners involving such actions as the choice of tree species, rotation times and thinning programs, often need to be adapted to changing environmental conditions and increasing risks from various pathogens. Societal strategies and policy measures which currently address pathogens and conservation values, must also be adapted. Forests also help to mitigate climate change through carbon sequestration and the substitution of fossil products, but this must be balanced in relation to the production of other ecosystem services. For this reason alignment among the needs to adapt and mitigate climate change, and the other goods and services provided by forest lands, needs to take place at many geographical scales, from the stand, to the estate, landscape, and national level. In addition, adaptation must also apply to different temporal scales, including the adoption of short term and long term strategies.

We are now looking for a highly-motivated candidate to fill a two-year post-doctoral position. The candidate's research area and interests shall broadly overlap with some of the issues raised above. The application should include a research plan of 600-800 words. Note that the proposal will require a clear time plan demonstrating the feasibility of completing the study within the allotted two-year time period, in particular if it includes planned field work. In addition, we will encourage and provide opportunities for the candidate to collaborate with the holder of the second post-doc position in climate related issues that is also now available at the department.

#### **Competence:**

The applicant shall have a doctoral degree in silviculture, forest planning/policy, conservation ecology, forest pathology, or related fields. Candidates with a doctoral degree not older than seven years will be prioritized. Excellent spoken and written English is expected. Successful applicants should have a demonstrated ability to design and conduct research both independently and within a team.

#### **Assessment criteria:**

Consideration for the appointment is primarily based upon indicators of the applicant's academic skills. The assessment will include an evaluation of the applicant's publication record and a demonstrated ability to develop an independent line of research within the field. It is an advantage if the candidate has a good understanding of international research in the research areas and that she/he also has international contacts in the same field.

#### **Place of work:**

Alnarp campus in southern Sweden

#### **Form of employment:**

Two post-doc position.

**Extent:**

100%

**Starting:**

By agreement, but as soon as possible

**Application:** Apply here:

<https://www.slu.se/en/about-slu/jobs-vacancies/?rmpage=job&rmjob=300&rmlang=UK>

No later than Dec 17, 2017.

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