

Postdoctoral position

Research on diversification of cropping systems

The Department of Biosystems and Technology is teaching and doing research within several themes of agricultural and horticultural sciences. The subject area of cropping systems ecology is developing the knowledge on the interaction of cultivated crops with each other, cultivation methods and the surrounding environment, including farmer and societal values. Research and teaching aim at improving the sustainability of cropping systems for production of food and feed within conventional and organic agriculture. The activities of the subject area combine strategic and applied research in collaboration with the agricultural sector.

Duties:

The post doc will do research within EU projects on diversification, which aims improving the scientific base and innovation regarding diversified cropping systems based on crop rotation, intercropping of different species or/and multiple cropping e.g. cover cropping. The aim of the research is to stimulate ecological intensification, the use and supply of ecosystem services while reducing external inputs and enhance the resilience of cropping systems. The post doc will carry out field experiments, collecting and analysing data from diversification experiments.

Qualifications:

We will employ a candidate with a PhD within agricultural sciences (agronomy), agroecology or biology with documented research experience within cropping systems research. As postdoctoral appointments are career-developing positions for junior researchers, we are primarily looking for candidates with a doctoral degree that is three years old at most. Experience with data handling and analysis of intercrop experiments is a merit. Experience from research in an interdisciplinary context and/or system research, and/or participatory action and learning research are merits. Good qualifications in English speaking and writing are basic requirements as well as a drivers licence.

Place of work: Alnarp

Form of employment: Employment for 2 years as postdoctoral fellow

Extent: 100 %

Starting date: By agreement

Application: We welcome your application marked with **Ref no. SLU ua 1550/2017**.

Please submit your application to the Registrar of SLU, P.O. Box 7070, SE-750 07 Uppsala, Sweden or registrator@slu.se no later than **May 19, 2017**.

Specific documents attached:

- A short letter (max. 2 pages) describing why you are interested in the position and summarizing your past research achievements and skills of relevance for the position
- CV, including academic achievements
- A certified copy of PhD diploma
- List of publications (where all publications derived from the PhD thesis are clearly marked)
- Contact details of two reference persons (name, telephone number and email address)

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

The Faculty of Landscape Architecture, Horticulture and Crop Production Science (LTV) is responsible for research, teaching, environmental monitoring and assessment as well as outreach and collaboration in the fields of landscape planning and horticulture. The LTV Faculty is also active in the fields of agriculture, food, production, health, quality of life, environment and water.

The majority of the faculty's employees and students are based on Campus Alnarp, between Lund and Malmö. The LTV Faculty houses six departments and a large number of collaborative centres.

Further information:

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SLU is an equal opportunity employer.

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