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Postdoktor

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PostDoc in forest remote sensing

Department of Forest Resource Management

The Department of Forest Resource Management conducts research and teaching within the subject areas of Forest Remote Sensing, Forest Inventory and Sampling, Mathematical Statistics Applied to Forest Sciences, Forest Management Planning, and Landscape Studies. The Department is responsible for several environmental monitoring and assessment programmes, including the National Forest Inventory, National Inventory of Landscapes in Sweden, and Terrestrial Habitat Monitoring. The Department has approximately 100 employees. For more information visit: www.slu.se/srh.

Duties:

The Department is looking for a PostDoc within the area of Forest Remote Sensing. The PostDoc will analyze patterns of biodiversity in boreal forests from remotely sensed data, in particular high-resolution airborne laser scanning data. The work includes development of methods for deriving information from the remotely sensed data, statistical analysis of the relation between the information derived from remote sensing and a unique dataset consisting of inventory data of key substrates and structures for biodiversity and of several species groups, and validation of the results including field visits. The candidate will work in research projects with other researchers in forest remote sensing and ecology.

Qualifications:

We are looking for a post-doctoral researcher with a particular interest in biodiversity and remote sensing. The candidate must hold a PhD in a relevant area, such as remote sensing, ecology, or forest science. Merits for this position are computational programming or computational scripting, knowledge about ecology or forest management/forest inventory, and experience of restoration ecology as well as analysis of forest or other vegetation from remotely sensed data. Great emphasis is placed on personal qualities such as analytical and problem solving ability, ability to work independently and collaborative ability. Good skills to express yourself verbally and in writing in English are required.

As Postdoctoral appointments are career-developing positions for junior researchers, we are primarily looking for candidates with a doctoral degree that have received their PhD no later than three years ago.

Place of work:

Umeå

Form of employment:

Fixed term employment of 24 months.

Extent:

100%

Starting date:

As soon as possible according to agreement.

Application:

We welcome your application no later than 2023-06-16, use the button below.

Academic union representatives

<https://internt.slu.se/en/my-employment/employee-associations/kontaktpersoner-vid-rekrytering/>

The Swedish University of Agricultural Sciences (SLU) has a key role in the development for sustainable life, based on science and education. Through our focus on the interaction between humans, animals and ecosystems and the responsible use of natural resources, we contribute to sustainable societal development and good living conditions on our planet. Our main campuses are located in Alnarp, Umeå and Uppsala, however, the university also operates at research stations, experimental forests and teaching sites throughout Sweden. SLU has around 3,000 employees, 5,000 students and doctoral students and a turnover of over SEK 3 billion. We are investing in attractive environments on all of our campuses. We strive to provide a work environment characterised by inclusivity and gender equality, where different experiences generate conversations between people and pave the way for science, creativity and development. Therefore, we welcome applications from people with diverse backgrounds and perspectives.

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