

Id: 1141

Postdoktor: Multifunktionalitetsmått för framtidsscenarier

Diarienummer: SLU ua 2018.2.5.1-4550

Postdoc: Multifunctional future forest

The Swedish Species Information Centre is a national center for species and habitats. We contribute to a sustainable management of the natural resources by collecting, analyzing and make data available, and by describing and presenting facts about biodiversity. We interact nationally and internationally, with the benefit for conservation in focus. Now we recruit a person who will develop and evaluate multifunctionality metrics for biodiversity and ecosystem services using a scenario simulation framework.

Duties: You will develop and evaluate multifunctionality metrics for biodiversity and ecosystem services. The basis of the work will be models for biodiversity, species distribution, (meta)population dynamics and ecosystem services. You will also apply them in scenario projections. We study how scenarios of socio-economic policy or development, climate change or forest management on different spatial scales (global, EU, national, landscape) may affect the future delivery of ecosystem services, the persistence and community structure of forest species. We also investigate conflicts and synergies between these, e.g. based on optimization. The work is part of the ForestValue project MultiForest (forestvalue.org) with partners in Finland, Norway, Germany and Austria.

Qualifications: Applicants should hold a PhD in ecology or equivalent. Required is earlier research on species distribution, population dynamics, community structure or ecosystem services and good knowledge on the software R. Knowledge of GIS is desirable. Important are also personal characteristics which contribute to a positive development of a research group. Priority will be given to applicants who have completed their PhD within three years before the application deadline. It is however not a requirement - we are looking for a motivated person who has an interest in population/community ecology, statistical modelling and conservation applications.

Place of work: Uppsala.

Form of employment: Temporary employment, two years.

Extent: 100%.

Starting date: Spring 2019, but negotiable.

Application We welcome your application no later than 9 January 2019, use the button below.

Specific documents attached: CV including list of publications, maximum five papers, a description of earlier research (maximum two pages), of current research interest and the research that you would like to conduct within the position (maximum two pages), name and address to at least two reference persons. We may ask you to send you PhD thesis at a later stage.

Union representatives

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