

# Postdoc. Evaluation of Citizen Science Data on species distributions

**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 evaluate models for species distribution based on Citizen Science Data.**

**Duties:** You will develop and evaluate models for species distribution or (meta)population dynamics, largely based on Citizen Science Data. You will further make projections of future distribution and dynamics assuming different scenarios. The work will be linked to research projects which investigate 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 and the persistence of species. We also investigate conflicts and synergies between these, e.g. based on optimization. For model development you will use both Citizen Science Data that have been reported to artportalen.se, gbif.org and systematically collected research data. We study both mobile and sessile species and this work will focus on wood fungi and lichens. The research is funded by Formas.

**Qualifications:** Applicants should hold a PhD in ecology, statistics or equivalent. Earlier research on modeling of species distribution or (meta)population dynamics is required. Good knowledge on statistical modeling with the software R, OpenBUGS or JAGS is highly valued. Knowledge of the 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 spatial ecology, model development, conservation applications and Citizen Science.

**Place of work:** Uppsala.

**Form of employment:** Temporary employment, two years.

**Extent:** 100%.

**Starting date:** As soon as possible, 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/>

**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](http://www.slu.se) SLU is an equal opportunity employer.