



Postdoctoral Researcher in Population/Community Ecology

The University of Helsinki, founded in 1640, is one of the world's leading universities for multidisciplinary research. The University of Helsinki has an international academic community of 40,000 students and staff members, and it offers comprehensive services to its employees, including occupational health care and health insurance, sports facilities, and opportunities for professional development. The International Staff Services (<https://www.helsinki.fi/en/university/working-at-the-university>) office assists employees from abroad with their transition to work and life in Finland. The Organismal and Evolutionary Biology Research Programme is situated at the Viikki science park and belongs to the Faculty of Biological and Environmental Sciences of University of Helsinki.

The Organismal and Evolutionary Biology Research Programme (OEB) invites applications for a

POSTDOCTORAL RESEARCHER

in population/community ecology for a fixed term of two years. There will be a trial period of six months in the beginning.

The post doc position is part of the Research Centre for Ecological Change and is funded by the Jane and Aatos Erkko Foundation. PIs of the Centre are prof. Anna-Liisa Laine, prof. Otso Ovaskainen, prof. Tomas Roslin, assist. prof. Jarno Vanhatalo and Dr Marjo Saastamoinen. The starting date is 1 May 2019, but a later starting date can be negotiated.

The overarching aim of the Centre is to generate a coordinated analysis of long-term ecological data to understand impacts of global change. To unravel how populations and interactions between species in nature are responding to ongoing environmental change, the project takes advantage of the unique long-term datasets collected in Finland. The centre also develops state-of-the-art methodology for analysing long-term spatially structured data sets within a joint species distribution modeling framework. For more information please visit our website Research Centre for Ecological Change (<https://www.helsinki.fi/en/researchgroups/research-centre-for-ecological-change>).

We are seeking a post doc to analyse extensive ecological datasets. The successful candidate will take part in developing the specific research questions, and in linking spatial and temporal data on the abundance and distribution of species and on community composition to data on habitat structure, population harvesting, fragmentation, land use and/or weather. Examples of questions of interest include the effect of environmental change on biodiversity in different habitats, on the spread of pests, disease, and invasive species, on the threat status of endangered species, and on potential mismatches in phenology among interacting species. The data and research questions concern both aquatic and



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terrestrial ecosystems. The focus of the specific research questions can be modified in accordance with the background and interests of the candidate.

The successful applicant should have completed a PhD in ecology or a related field, and have a strong background in statistics, spatial statistics, and/or GIS. We seek candidates with excellent written and verbal communication skills, and the ability to conceive, execute and complete research projects, and to think independently and creatively. The post docs will work as a part of a team at the Centre but also with researchers from other environmental institutes. Overall, excellent social skills are required for extensive collaborations.

For more information, contact prof. Anna-Liisa Laine, ([anna-liisa.laine\(at\)helsinki.fi](mailto:anna-liisa.laine(at)helsinki.fi)), prof. Otso Ovaskainen ([otso.ovaskainen\(at\)helsinki.fi](mailto:otso.ovaskainen(at)helsinki.fi)), prof. Tomas Roslin ([tomas.roslin\(at\)helsinki.fi](mailto:tomas.roslin(at)helsinki.fi)) and/or Dr. Marjo Saastamoinen ([marjo.saastamoinen\(at\)helsinki.fi](mailto:marjo.saastamoinen(at)helsinki.fi)).

The salary of the successful candidate will be based on level 5 - 6 of the demands level chart for teaching and research personnel in the salary system of Finnish universities. In addition, the appointee will be paid a salary component based on personal performance. The starting salary will be ca. 3300 - 3800 euros/month, depending on the appointee's qualifications and experience.

Application should include the following documents as a single pdf file: motivational letter (max 1 page), CV (max 2 pages) and publication list. Include also contact information of two persons who can provide a reference letter based on request.

Please submit your application using the University of Helsinki Recruitment System via the Apply for the position link. Applicants who are employees of the University of Helsinki are requested to leave their application via the SAP HR portal. The deadline for submitting the application is 1 April 2019.

References

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