



The University of Helsinki, founded in 1640, is one of the world's leading universities for multidisciplinary research. The university has an international academic community of 40,000 students and staff members. The University of Helsinki offers comprehensive services to its employees, including occupational health care and health insurance, sports facilities, and opportunities for professional development. The [International Staff Services](#) office assists employees from abroad with their transition to work and life in Finland.

The Department of Geosciences and Geography is the leading research and teaching unit in its field in Finland. The Department consists of the Division of Biogeoscience, the Division of Urban Geography and Regional Studies, the Division of Geology and Geochemistry and the Institute of Seismology. The Department's total budget is 10 M€ and it has a staff of 110.

The Department of Geosciences and Geography invites applications for a two-year fixed term

POSTDOCTORAL/PHD RESEARCHER

in a project *Investigating illegal wildlife trade: innovative approaches to inform global conservation policy*, funded by the Academy of Finland and University of Helsinki.

There is evidence that social media platforms now provide a key venue for illegal wildlife dealers to release photos and information about wildlife products in order to attract and interact with potential customers. The post-doctoral/PhD researcher to be hired should have a degree, or plentiful experience, in data/computer science and an interest to biodiversity conservation questions. He/she is required to be fluent in programming (e.g. Python, R, JavaScript) and machine learning, working with social media data and web mining including skills in image and text content analyses. The candidate is expected to be experienced in working with large datasets, including storing, managing and processing of the data and carrying out extensive spatio-temporal and content analyses of those datasets. Experience in making user-friendly and interactive web-applications is considered an asset.

The researcher to be hired will work as a member of an interdisciplinary Digital Geography Lab, consisting of highly motivated researchers, with excellent computational and analytical skills, open science spirit, and well-established international collaborations both with researchers working in the field of conservation science and policy makers. In addition to carrying out the project tasks, the researcher is expected to participate in the activities of the Lab and the department, including teaching and supervising students (5-10 % percent of the working time). While a postdoctoral researcher would be preferred, we would also consider hiring a PhD student with the required skills. The research will be directed by Dr. Enrico Di Minin.

The work is to be started as soon as possible at the Kumpula Campus of the University of Helsinki.

The salary of the researcher to be hired will be based on level 5 of the demands level chart for teaching and research personnel in the salary system of Finnish universities.

For more information on the research group, please see:

<https://www.helsinki.fi/en/researchgroups/digital-geography-lab>

and

<https://enicodiminin.wordpress.com/>.

Additional information can be obtained from the leader of the project, Dr. Enrico Di Minin, Tel.: +358(0)503185717, E-mail: enrico.di.minin@helsinki.fi.

Applications should include (1) CV with a list of publications, (2) contact details for two references, (3) a brief description of the motivation to join the project (max one page), and (4) a copy of a PhD degree certificate.

Please submit your application to Dr. Enrico Di Minin, via e-mail: enrico.di.minin@helsinki.fi. The deadline for the application is 30 04 2017.