



Jobbnorge ID: 214447

Deadline: 12/3/2021

Website: <http://www.nmbu.no>

Scope: Fulltime

Duration: Project

We are looking for an ecologist interested in the conservation of tropical forest mammals

Postdoctoral fellow within tropical ecology and conservation

About the position

Faculty of Environmental Sciences and Natural Resource Management (MINA) at Norwegian University of Life Sciences (NMBU) has a vacant 2.5-year postdoctoral position.

The postdoctoral researcher will work on a component of the project "Empty Forests and Extinction Filters" funded by the Research Council of Norway (www.nmbu.no/en/projects/node/43481). The overall project, based on data from an extensive international collaboration, aims to improve understanding and prediction of species vulnerabilities to extinction through a rigorous evaluation of data (already compiled and checked) that includes observations from millions of camera trap images and associated information (www.wildlifeinsights.org).

The successful candidate (post-doctoral researcher) is expected to collaborate closely with other project members that work on a) assessing activity patterns in tropical forest mammals and b) quantifying occupancy, extinction, and recolonization probabilities.

The post-doctoral researcher will receive the results obtained by other team members and compile additional species-specific information (e.g., phylogenetic data, functional traits, space use), biogeographic and evolutionary histories, and anthropogenic threats (e.g., habitat destruction and overhunting) already published and/or available in public databases. Using and developing appropriate analytical methods and models, the post-doctoral researcher will then synthesize this information to 1) predict species-specific responses to a combination of threats and interventions 2) develop a set of rules and assessment criteria that can help direct conservation strategies.

The preferred starting date for the positions will be February 1, 2022, but this is negotiable.

Main tasks

As part of the project, the postdoctoral researcher is expected to:

- Manage and work with large data sets
- Develop, apply, compare, and document analytical approaches
- Develop effective means to summarize, interpret and communicate findings to academic and non-academic audiences
- Lead the writing of three or more research articles for publication in peer-reviewed scientific journals
- Provide assistance to team members working on other outputs
- Promote the project and its findings to a wider audience through agreed outreach activities (e.g., blog posts, videos)
- Present findings in at least one regional and one international meetings
- Take part in exchanges with international collaborators

The main purpose of the post-doctoral position is to qualify for work in high-level scientific positions. A PhD degree is required.

Competence

Required Academic qualifications

- Doctorate degree in a relevant scientific field, such as animal ecology, tropical ecology, ecological modelling, biogeography, or zoology
- Familiarity with tropical ecology and conservation
- Experience working with phylogenies
- Proven quantitative analytical skills.

The applicant must document expertise in the research subject.

The following experiences and skills will be emphasized:

- Familiarity with hierarchical models, including occupancy models
- Experience working with large data sets
- Experience working in international teams
- Experience with GIS applications and spatial analysis
- Proficiency using the statistical programming language R and various R packages.
- Proven scientific writing skills (authored peer-reviewed articles involving hierarchical analysis/modeling).
- Creative thinking and abilities regarding the combination of data sets, models and tests to advance the understanding of species vulnerability will be highly valued.

You need to:

- Be motivated to work as part of an international and multidisciplinary team
- Be interested in applied research
- Be independent and self-motivated
- Possess good communication skills

Remuneration and further information

The position is placed in government pay scale position code 1352 Postdoctoral Fellow, wage framework 24, salary grade 59-77, (NOK 523.200-741.300), depending on qualifications. Seniority Promotion in position.

For further information, please contact Dr. Richard Bischof, professor.

E-mail: richard.bischof@nmbu.no; phone +47 94798041

[Information to applicants](#)

Application

To apply online for this vacancy, please click on the 'Apply for this job' button above. This will route you to the University's Web Recruitment System, where you will need to register an account (if you have not already) and log in before completing the online application form.

Application deadline: 3 December 2021

Up to ten publications selected by the applicant as most relevant must be attached to the application. If it is difficult to identify the contribution of the applicant in multiple-author publications, a short explanation about the applicant's part of the work is suggested.

Printed material which cannot be sent electronically should be sent by surface mail to Norwegian University of Life Sciences, The Faculty of Environmental Sciences and Natural Resource Management (MINA), P.O. Box 5003, NO-1432 Ås, within 3 December 2021. Please quote reference number 21/05251

Applicants invited for an interview will be asked to present verified copies of diplomas and certificates.

About The Faculty of Environmental Sciences and Natural Resource Management

The Faculty of Environmental Sciences and Natural Resource Management (MINA) works with nature and the environment, sustainable use of natural resources, biological and geological processes.

MINA's employees undertake teaching, research and dissemination within the fields of geology, hydrology and limnology, soil science, environmental chemistry, forestry, ecology, natural resource management, renewable energy, and nature-based tourism.

Our vision is to be a key actor in knowledge production and dissemination, and our goal is to deliver research of high, international quality, and varied and excellent teaching. The faculty's employees are significant participants within their respective fields of expertise, both nationally and internationally. The faculty is dominated by a vital research culture and high levels of scientific production.

The faculty has about 200 employees, 90 PhD students and 650 students.

[Read more about MINA here.](#)

The Norwegian University of Life Sciences (NMBU)

NMBU has a particular responsibility for research and education that secures the basis for the life of future generations. Sustainability is rooted in everything we do and we deliver knowledge for life. NMBU has 1,800 employees of which about 250 phd scholarships and 6,000 students. The university is divided into seven faculties.

NMBU believes that a good working environment is characterised by diversity.

We encourage qualified candidates to apply regardless of gender, functional ability, cultural background or whether you have been outside the labour market for a period. If necessary, workplace adaptations will be made for persons with disabilities. More information about NMBU is available at www.nmbu.no.

Additional information

Place of service:

Universitetstunet 3 1430 Ås (Ås Municipality)