Job announcement Ref. #11-23006

The Senckenberg Gesellschaft fÃƒÂ¼r Naturforschung (SGN) is a member of the Leibniz Association and is based in Frankfurt am Main, Germany. SGN conducts natural history research with more than 800 employees and research institutions in seven federal states.
The Senckenberg Biodiversity and Climate Research Centre (SBiK-F) explores the interactions between biodiversity, climate, and society.

The Senckenberg Biodiversity and Climate Research Centre in Frankfurt am Main invites applications for a Postdoctoral Researcher (m/f/d) in

Quantitative Movement Ecology
(full-time position, 100 %)

We are seeking a candidate (m/f/d) with a strong background in quantitative movement ecology to advance understanding of connectivity for land mammals in the Anthropocene.
The PostDoc (m/f/d) will work in the project Ã¢Â€ÂœLandscape Criticality in the Anthropocene - Biodiversity, Renewables and SettlementsÃ¢Â€Â (CriticaL), a scientific collaboration between the Senckenberg Biodiversity and Climate Research Centre (SBiK-F), the Leibniz Institute of Ecological Urban and Regional Development, and the Potsdam Institute for Climate Impact Research.

The project aims to provide a systematic and generalized assessment of ecological connectivity at the global scale. To quantify critical thresholds at which landscapes become impermeable to animal movement, the successful candidate will perform comparative assessments across taxa based on multi-species GPS tracking data of terrestrial mammals.
This will also include collaborations with colleagues of the Global Initiative on Ungulate Migrations (https://www.cms.int/en/gium) and at Radboud University.

We expect applicants (m/f/d) to be highly motivated to work collaboratively and interdisciplinary in large research teams to co-develop novel measures and global mappings of landscape connectivity. We expect strong quantitative and conceptual skills, and an interest in understanding underlying drivers of animal movements in relation to human activity and land use. The project leaves significant room to develop your own research questions in collaboration with a large international and interdisciplinary research team at SBiK-F and beyond.

Your tasks

- Ã¢ÂÂƒ Quantify the effect of landscape connectivity on terrestrial mammal movements and elucidate the underlying drivers
- Ã¢ÂÂƒ Co-develop novel landscape connectivity measures at the global scale
- Ã¢ÂÂƒ Lead publications of findings in scientific journals
- Ã¢ÂÂƒ Contribute to the project teamÃ¢Â€Â™s effort to translate the projectÃ¢Â€Â™s findings into actionable recommendations for integrated land use planning and conservation strategies

Your profile

- Ã¢ÂÂƒ A PhD degree in Ecology, Geography, or a related field
- Ã¢ÂÂƒ Outstanding conceptual and writing skills

Ã¢Â□Âƒ Strong quantitative and statistical skills, including advanced programming skills in R and programming of large databases

Ã¢Â□Âƒ Experience working with movement data and performing spatial analyses

Ã¢Â□Âƒ Excellent communication skills and experience in and enthusiasm for collaborating across institutions and coordinating interdisciplinary and collaborative research projects

Ã¢Â□Âƒ Demonstrated record of publications in peer-reviewed scientific journals

Ã¢Â□Âƒ Experience in app development and/or artificial intelligence (AI) applications is an advantage

What is awaiting you?
Flexible working hours Ã¢Â€Â“ leave of absence due to family reasons (audit Ã¢Â€Âœberufundfamilie Ã¢Â€Â□) Ã¢Â€Â“ parent-child-office Ã¢Â€Â“ annual special payment Ã¢Â€Â“ company pension scheme Ã¢Â€Â“ Senckenberg badge for free entry in museums in Frankfurt Ã¢Â€Â“ leave of 30 days/year

Place of employment: Frankfurt am Main
Working hours: full time; 40 weekly working hours
Type of contract: contract start is as soon as possible, limited for 3 years
Salary: pay grade E 13, TV-H

Senckenberg is committed to diversity. We benefit from the different expertise, perspectives and personalities of our staff and welcome every application from qualified candidates, irrespective of age, gender, ethnic or cultural origin, religion and ideology, sexual orientation and identity or disability. Women are particularly encouraged to apply, as they are underrepresented in the field of this position and will be given preference in the case of equal qualifications.

Applicants with disabilities (Ã¢Â€ÂœSchwerbehinderungÃ¢Â€Â□) will be given preferential consideration in case of equal suitability. Senckenberg actively supports the compatibility of work and family and places great emphasis on an equal and inclusive work culture.

You would like to apply? Then please send your complete and informative application documents (as a single PDF-
file):

Ã¢Â□Âƒ a cover letter detailing research interests and experience
Ã¢Â□Âƒ a detailed CV
Ã¢Â□Âƒ copy of your transcripts / academic certification
Ã¢Â□Âƒ contact details of two potential academic referees
Ã¢Â□Âƒ copies of up to three representative publications

by June 25, 2023 to recruiting@senckenberg.de, quoting the reference number #11-23006, or please apply directly on our homepage using the online application form:
Apply Online | Senckenberg Society for Nature Research Senckenberg Gesellschaft fÃƒÂ¼r Naturforschung Senckenberganlage 25
60325 Frankfurt a.M.
E-Mail: recruiting@senckenberg.de

For scientific enquiries please contact Prof. Dr. Thomas MÃƒÂ¼ller by e-mail thomas.mueller@senckenberg.de.

For more information about the Senckenberg Gesellschaft fÃƒÂ¼r Naturforschung, please visit www.senckenberg.de.