

Job announcement ref. #11-22010

The Senckenberg Gesellschaft für 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 six federal states. Within SGN, the Senckenberg Biodiversity and Climate Research Centre (SBIK-F) explores the interactions between biodiversity, climate, and society.

The Senckenberg Biodiversity and Climate Research Centre invites applications for a

**Postdoctoral Researcher (m/f/d) in
Movement Ecology of Asiatic Wild Ass**
(full-time position, 100 %)

We are seeking a candidate (m/f/d) with a strong background in quantitative ecology to advance research in the movement ecology of Asiatic wild ass (*Equus hemionus*, Khulan in Mongolian). Possible topics include research related to animal movement behaviors, habitat selection, human disturbance, and related fields. We expect strong quantitative and conceptual skills, basic ecological knowledge, and an interest in understanding drivers of animal movements in relation to changes in land use and climate.

The research program is part of a scientific collaboration among SBIK-F, the Wildlife Conservation Society Mongolia (WCS Mongolia), and Inland Norway University of Institute of Applied Sciences (INN). You will have the opportunity to work on GPS tracking data of Khulan in relation to anthropogenic developments and climate change in the Mongolian Gobi ecosystem. You will collaborate with natural scientists and movement ecologists at SBIK-F and colleagues from WCS Mongolia and INN. Research questions will revolve around the effect of infrastructure on behavior and habitat selection and could also relate to activity patterns and navigation mechanisms in relation to key resources (e.g. water points). We expect you to be highly motivated to collaborate with researchers and conservation practitioners in Mongolia.

In addition, you will have the opportunity to develop your own research questions in collaboration with a large international and interdisciplinary research team, spanning expertise in movement ecology, community ecology, social ecology, and ecosystem functions at SBIK-F.

Tasks and Responsibilities

- Develop models quantifying impacts of anthropogenic developments on movement and habitat selection of Khulan
- Develop your own research questions related to Khulan movement behavior
- Prepare training materials for students and researchers in Mongolia
- Travel to Mongolia
- Publish research results in international peer-reviewed journals
- Present research results at scientific conferences

Your Profile

- A PhD degree in Ecology, Geography, or a related field
- Excellent quantitative and statistical skills, excellent programming skills in R, and programming of large databases
- Experience with movement and spatial analyses
- Enthusiasm for collaborating across institutions and coordinating interdisciplinary and collaborative research projects

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world of biodiversity

Salary and benefits are according to a full-time public service position in Germany (TV-H E 13, 100%). The position is a **one-year fixed-term post** with a possible extension for one further year.

The Senckenberg Research Institutes support equal opportunity of men and women and therefore strongly invites women to apply. Equally qualified handicapped applicants will be given preference. The place of employment is in Frankfurt am Main, Germany.

You would like to apply?

Please send your application, mentioning the reference of this job offer (**ref.#11-22010**) until **May 12th, 2022** by e-mail (attachment in a single pdf document) and include

- a cover letter detailing research interests and experience
- a detailed CV
- copy of your certification
- copies of two publications
- contact details of two potential academic referees

To:

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This project takes place in the working group of Professor Thomas Müller.

For scientific enquiries please contact Dr. Nandintsetseg Dejid (nandintsetseg.dejid@senckenberg.de).