

Job announcement Ref. #11-23011

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 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
Movement Ecology of Central Asian Ungulates
(full-time positions, 100 %)**

We are seeking a candidate (m/f/d) with a strong background in quantitative ecology to advance research on conservation and movement ecology of Central Asian Ungulates. The positions will mainly focus on long-term tracking data of Mongolian gazelle (*Procapra gutturosa*) and Asiatic wild ass (*Equus hemionus*, Khulan in Mongolian) and possibly other ungulates. Possible topics include research on conservation and movement behaviors related to human disturbance, specifically linear infrastructure, and climate change. 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 candidate (m/f/d) will work with program partners including the Wildlife Conservation Society Mongolia (WCS Mongolia), and Inland Norway University of Applied Sciences (INN), colleagues at the Global Initiative on Ungulate Migration (GIUM, (<https://www.cms.int/en/gium>), or Mongolian and German partners of the MoreStep Team (www.morestep.org). You will have the opportunity to work on GPS tracking data of ungulates relation to anthropogenic developments and climate change with a particular focus on the Mongolian Gobi-Steppe ecosystem. Research questions will revolve around the effect of infrastructure on behavior and habitat selection and could also include multi-species comparisons across Central Asia or relate to activity patterns and navigation mechanisms in relation to resources (e.g., water sources). Finally, potential topics could also include the mobility of nomadic pastoralists and their livestock and examine wildlife-livestock interactions based on GPS tracking data. Research outcomes should be highly relevant for the conservation of wide-ranging ungulates facing rapid social-ecological transformations and landscape changes. We expect candidates to be highly motivated to collaborate with researchers and conservation practitioners in Central Asia. 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 and social ecology at SBiK-F.

Tasks and Responsibilities

- Develop models quantifying impacts of anthropogenic developments and climate change on movement behaviors of Central Asian Ungulates
- Develop your own research questions related to ungulate movement behavior
- Prepare training materials for students and researchers in Mongolia
- Grant reporting
- 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
- Strong conceptual and writing skills
- Excellent quantitative and statistical skills, 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
- Demonstrated record of publications in peer-reviewed scientific journals

What is awaiting you?

- Flexible working hours – leave of absence due to family reasons (audit “berufundfamilie”) – parent-child-office – annual special payment – company pension scheme – Senckenberg badge for free entry in museums in Frankfurt – 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, the position is pending on funding and is initially limited until 31st December 2024; it is a fixed-term post with a possible extension, depending on performance, further funding, and legal means
Salary:	according to the collective agreement of the State of Hesse (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.

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world of biodiversity

Applicants with disabilities (“Schwerbehinderung”) 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**):

- a cover letter detailing describing your motivation to apply
- a detailed CV
- copy of your transcripts / academic certificates
- up to three publications and contact details of two potential academic referees

by **August 20th, 2023** to recruiting@senckenberg.de, **quoting the reference number #11-23011**, or please apply directly on our homepage using the online application form: [Apply Online | Senckenberg Society for Nature Research](#)

Senckenberg Gesellschaft für Naturforschung
Senckenberganlage 25
60325 Frankfurt a.M.
E-Mail: recruiting@senckenberg.de



For scientific enquiries please contact Prof. Dr. Thomas Müller by e-mail thomas.mueller@senckenberg.de or Dr. Nandintsetseg Dejid nandintsetseg.dejid@senckenberg.de

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