Job posting

**Type of position**
- [x] scientific
- [ ] administrative

**Target group**
- [x] graduates
- [ ] post docs
- [ ] other

**Title**
2 PhD positions in
“Biodiversity and Nature’s Contributions to People”
(65% part time positions)

**Institution**
The Senckenberg Gesellschaft für Naturforschung (SGN), a member institution of the Leibniz Association, with almost 800 employees and its headquarters in Frankfurt am Main, is conducting integrative natural history research with leading research institutions in six federal states. The Senckenberg Biodiversity and Climate Research Centre (SBiK-F) explores interactions between biodiversity and climate.

**Position**
The working groups of Prof. Dr. Thomas Müller and PD Dr. Matthias Schleuning at Senckenberg BiK-F invite applications for

2 PhD positions in
“Biodiversity and Nature’s Contributions to People”
(65% part time positions)

We are seeking two candidates (m/f/d) with a strong background in ecology and a keen interest in the functioning of social-ecological systems. You will join a large interdisciplinary research team within the DFG Research Unit entitled “The role of nature for human well-being in the Kilimanjaro Social-Ecological System (Kili-SES)”. The main research questions revolve around the role of biodiversity in supplying regulating and non-material NCP along climate and land-use gradients on Mt Kilimanjaro. You are expected to conduct fieldwork on Kilimanjaro and conduct synthetic analyses including data collected in previous projects.

Salary and benefits are according to a public service position in Germany (TV-H E 13, 65% part time positions). The contracts should start on January 1st 2021 and will be restricted to 3 years.

SGN supports 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. The employer is the Senckenberg Gesellschaft für Naturforschung (SGN).
**Responsibilities**

This announcement is for the subprojects on regulating and non-material NCP.

In the subproject on regulating NCP, you will conduct field surveys and compile published data on the diversity of animal species mediating beneficial and detrimental interactions to other species, ecosystem components and people (e.g. avian seed dispersers and insect pollinators, pest species and their regulators, as well as disease species).

In the subproject on non-material NCP, the focus is upon the components of biodiversity that underpin the supply of non-material NCP (e.g. aesthetic value of landscapes, intangible benefits or detrimental effects of birds and mammals). You will conduct camera trap surveys of mammals, soundscape surveys, and possibly also collect data from social media.

Both projects comprise strong quantitative components, e.g. including spatial analysis or structural equation models of biodiversity and NCP data from various sources (e.g. trait-based and plot-based data and social media data). We emphasize that the research will take place at the interface between social and natural sciences and you will need to show a keen interest in addressing interdisciplinary research questions regarding the supply and management of NCP.

**Requirements**

**Position requirements**

- Master degree in Ecology or a related field
- Strong quantitative skills and statistical programming skills in R
- Experience in fieldwork, ideally in remote areas
- Strong interest in interdisciplinary work
- Previous experience with biodiversity, ecosystem services and social-ecological data are advantageous
- Excellent oral and written communication skills in English

**Application procedure (deadline etc.)**

You would like to apply?

Please include the reference to this announcement (ref. #11-20015) in the subject line and include a cover letter describing your motivation to apply, a detailed CV, full academic credentials/certificates and contact details of two academic references, as well as a copy of your most important publication (if available).
Please indicate in the cover letter whether you apply for the position on regulating NCP, non-material NCP or if you are interested in both positions.

Please submit your application by 16 September 2020 via e-mail as a single PDF file to:

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

Contact

For scientific enquiries please contact:
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