

Job announcement ref.#11-21023

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 almost 800 employees and research institutions in six federal states. Within SGN, the Senckenberg Biodiversity and Climate Research Centre (BiK-F) explores the interactions between biodiversity, climate, and society.

Within the DFG research unit “**Kilimanjaro Social Ecological System (Kili-SES)**” **Senckenberg BiK-F** invites applications for a:

Scientific Data Curator (m/f/d)
(full time)

We are seeking a data curator to manage the database of an interdisciplinary DFG research unit “Kilimanjaro Social Ecological System (Kili-SES, <https://kili-ses.senckenberg.de/>)”. In this project, which extends that of the previous KiLi research unit, natural and social scientists are working together to investigate the interactions and inter-dependencies between people and nature at Mount Kilimanjaro under land-use, climate, and governance change. The successful applicant will establish and manage the project database, set and maintain data standards within the project, and aid researchers across the project in locating, processing and publishing data.

This work will be conducted as part of the ‘Synthesis’ sub-project of the research unit and will be conducted in close cooperation with Dr Peter Manning, PD Dr. Matthias Schleuning, Prof. Dr Thomas Müller and Prof. Dr. Katrin Böhning-Gaese of Senckenberg BiK-F and others, including Prof. Dr. Markus Fischer of the University of Bern and Prof. Dr. Thomas Nauss of the University of Marburg.

Tasks to be performed include:

- Establishment, development and curation of the project database (within the BEXIS2 system)
- Transfer of older data to the project database
- Scientific data quality control
- Data publication in scientific journals
- Assistance with data analysis and scientific paper publication in scientific journals
- Preparation of synthesis datasets
- Formation of data and meta-data standards
- Post-processing of meta-data
- Supervision of data transfer within and beyond the Research Unit
- Handling and registration of paper and project proposals
- Data policy implementation and checking
- Scientific computation support for PhD students
- Update of Kili-SES homepage
- Training of project members in data standards and management
- Compliance with reproducible science principles (e. g. R script publication)

Position requirements:

Essential

- Higher degree such as Master or PhD (desirable) in ecology, environmental science, data science, or related fields of research
- Knowledge of either ecological and social systems research
- Extensive experience in data handling and management
- Excellent written and oral communication skills in English
- The capacity to collaborate effectively within a large and diverse team of researchers
- Team-oriented with strong organizational skills
- Capacity to independently perform complex data management work

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world of biodiversity

Desirable

- Strong statistical skills (in R)
- Experience in database development
- Good knowledge of German
- Experience in the handling of remote sensing data
- Competency in the use of Geographical Information Systems e. g. QGIS

Salary and benefits are according to a public service position in Germany (**pay grade 13 TV-H, 100%**). The **contract duration will be for 24 months**, preferably **starting in early 2022**. There is good opportunity for extension. The Senckenberg Research Institute 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 will be Frankfurt am Main, Germany. The employer is the Senckenberg Gesellschaft für Naturforschung.

Please include the reference to this position (**ref. #11-21023**) in the subject line and include a letter of motivation to apply, a CV including details of relevant skills and experience, complete academic certificates and transcripts, and the contact details of 2 academic referees. Please submit your application **until 9th February 2022** via e-mail as a single PDF file to:

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



For scientific enquiries please contact Dr. Peter Manning: peter.manning@senckenberg.de.

Related Links:

Senckenberg BiK-F <https://www.senckenberg.de/en/institutes/sbik-f/>
Kili-SES <https://kili-ses.sgn.one/>