

Job posting

Type of position

- scientific
 administrative

Target group

- graduates
 post docs
 other

Title PhD Position (Soil Biodiversity and Function)

Institution

The Senckenberg Nature Research Society (SGN) is an institution of the Leibniz Association with almost 800 employees in total. It operates six internationally leading research institutes located in seven federal states with its main headquarters in Frankfurt am Main. The SGN also administers the UNESCO World Heritage Site "Grube Messel".
For the BMLE project „Floodplain forests in climate change“, the Senckenberg Nature Research Society is inviting applications to its institute in Görlitz (Museum of Natural History” (SMNG) in the Department of Soil Zoology for the position of a PhD Position (Soil Biodiversity and Function)

Position

Within the framework of the research programme „Forest Climate Fund“, the cooperative project „Silvicultural recommendations for floodplain-forest management with regard to climate protection, biodiversity and economy” (“Floodplain forests in climate change”) will be funded for 3 years. The aim of this project is the development of new floodplain forest management concepts taking both the interests of forest services (economy) as well as climate and nature protection into account. The definition of new forest development types is the overarching goal of this project. The project is coordinated by the Karlsruhe Institute of Technology (Floodplain Institute in Rastatt); further partners are the University of Freiburg and the Bavarian State Institute for Forestry and Silviculture. Study sites are located on the rivers Danube, Lech and Rhine. The role of the SGN in this project is the study and assessment of the effects of different forest-development types on soil biodiversity (Diplopoda, Isopoda and Lumbricidae) and soil-biological decomposition activities. An indication system and monitoring concept is to be developed based on the results.

Salary and benefits are according to the German public service position (TV-L E13, 60%). The position can start on April 1st, 2018 and be initially limited to December 31st, 2020. The employer is the Senckenberg Nature Research Society; the place of employment is Görlitz, Germany. Senckenberg supports equal opportunity of men and women and therefore strongly invites women to apply. Equally qualified handicapped applicants will be given preference.

- Responsibilities**
- Fieldwork (soil-zoological sampling, decomposition tests)
 - Species determination (Diplopoda, Isopoda, Lumbricidae)
 - Data analysis and assessment (biodiversity, gradient analysis)
 - Preparation of project reports; representation and presentation of the project, i.e. at conferences etc.
 - Writing high-quality publications on the project content

- Requirements**
- Master degree in soil ecology with a thorough knowledge of soil fauna (in particular Collembola, Lumbricidae)
 - Extensive experience in soil-zoological fieldwork, species determination, and data analysis
 - Willingness to travel (fieldwork, project meetings), driver's license, physical resilience
 - Familiarity with interdisciplinary research environments
 - Explicit publication experience, excellent written and oral presentation skills
 - Outstanding command of spoken and written German and English
 - Ability to work in an interdisciplinary team; willingness and ability to assume responsibility

Application procedure (deadline etc.)

Please send your application before March 12th, 2018 (application deadline) by e-mail (attachment in a single pdf document), mentioning the reference of this position (Ref. #08-18001) and including a letter outlining your suitability, a detailed CV, educational transcripts, contact details of 2 references and a list of publications to:

Contact

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