

Job posting – Ref. #04-21001

For over 200 years the Senckenberg Gesellschaft für Naturforschung (SGN) represents one of the most relevant institutions investigating nature and its diversity. Currently, scientists from more than 40 countries across 11 locations in Germany conduct research in the fields of biodiversity, earth system analysis and climate change. The renowned Senckenberg research institute with the department river ecology and conservation is located at the site of Gelnhausen, a Barbarossa city with historical charm, in close vicinity to Frankfurt.

Following its mission to “analyze and document biodiversity in earth system dynamics – to serve science and society” Senckenberg stands for curiosity-driven and application-oriented collections-based research. The Department of River Ecology and Conservation at Senckenberg in cooperation with the Faculty of Biology at the University of Duisburg-Essen jointly invite application for a

Postdoctoral Researcher (Ecologist) (m/f/d) (full time)

We are looking for an enthusiastic and recognized ecologist with a background in community ecology, macroecology, metacommunities, and analysis of ecological time series. The applicant should have a strong track record of scientific publications.

The position is partly embedded in the International Long-Term Ecological Research (ILTER) network and the European Long-Term Ecosystem, critical zone and socio-ecological Research Infrastructure (eLTER RI). The eLTER RI comprise ~200 eLTER sites from over 20 participating European countries, providing access to a wide range of long-term biodiversity and environmental data.

The postdoc will investigate trends in ecological communities over time and space, and identify drivers of ecological variation. We will provide access to large-scale and long-term eLTER RI biodiversity and environmental datasets covering various terrestrial, freshwater and marine taxa groups. Independent from eLTER RI, we have compiled a large number of biodiversity time series, including 1,800 time series of stream invertebrates from 22 European countries. We encourage applications from ecologists with backgrounds in both terrestrial and/or freshwater systems.

Your tasks:

- Analyzing biodiversity time series and accompanied environmental data to elucidate temporal trends in taxonomic and functional diversity and their drivers
- Contribute to the research of the eLTER PLUS project and conduct research on global change impacts on biodiversity within the framework of other projects in the department (i.e., restoration ecology, multiple stressor analyses, long-term ecological research)
- Data analysis, preparation of manuscripts and reports
- Involvement in national and international projects, including the support of the ILTER science chair
- Mentoring graduate students

Your profile:

- PhD in Ecology or a related field
- Solid background in (macro-) ecology and zoology (preferably invertebrates)
- Advanced skills in statistical analyses of large ecological datasets, preferably using R
- Strong track record of international publications
- Excellent written and oral communication and project presentation skills

Salary and benefits are according to a public service position in Germany (TV-H E13, 100%). The contract should start as soon as possible - ideally on **July 1st, 2021** - and will initially be limited. Ideally, an employment contract within the framework of the fixed-term options under the German Wissenschaftszeitvertragsgesetz (WissZeitVG) is envisaged for a period of 3 years with a possible extension by another 3 years, depending on the personal performance.

The Senckenberg Research Institute supports equal opportunity of men and women and strongly encourages women to apply. Equally qualified handicapped applicants will be given preference. The place of employment will be Gelnhausen, Germany. The employer is the Senckenberg Gesellschaft für Naturforschung.

You would like to apply?

Please send your application documents including a letter outlining your suitability for the post, a detailed CV, contact details of 2 references, a list of publications and acquired funding, mentioning the reference of this job announcement (**ref. #04-21001**) before **April, 11th 2021** by e-mail (attachment in a single pdf document) to recruiting@senckenberg.de or apply directly on our homepage via the online application form.

For scientific enquiries please get in contact with Prof. Dr. Peter Haase, peter.haase@senckenberg.de.

