

Job advertisement

Vacancy ID: 500/2021

Closing date: 16.01.2022



**FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA**

Friedrich Schiller University is a traditional university with a strong research profile rooted in the heart of Germany. As a university covering all disciplines, it offers a wide range of subjects. Its research is focused on the areas Light—Life—Liberty. It is closely networked with non-research institutions, research companies and renowned cultural institutions. With around 18,000 students and more than 8,600 employees, the university plays a major role in shaping Jena's character as a cosmopolitan and future-oriented city.

The advertised position is based in the research group of Prof. Aletta Bonn within the framework of the iDiv funded strategic project 'sMon - Biodiversity Trends in Germany' www.idiv.de/smon in collaboration with Dr. Reinhard Klenke, Prof. Helge Bruelheide, Prof. Florian Jansen and Dr. Marten Winter. We seek to fill the position of a

PostDoc Quantitative Biodiversity Data Analyst (m/f/d)

We offer a full-time position (40 hours per week), (initially) limited until 30. September 2024. The employer is the Friedrich Schiller University Jena, the place of work is the iDiv in Leipzig.

The full-time position is offered to analyse Germany-wide biodiversity data, e.g. from state authorities, natural history societies, museums and citizen science projects. The work is conducted also in close cooperation with the NFDI4Biodiversity programme and other related projects at iDiv and partner institutes.

The **German Center for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig** is one of four research centers of the German Research Foundation (DFG). In a total of 13 working groups and central facilities (IT, eco- and bioinformatics, workshop, greenhouses), over 300 employees work together in a highly integrative environment. The center is located in the BioCity Leipzig and is operated as a central facility of the University of Leipzig together with the Martin Luther University Halle-Wittenberg and the Friedrich Schiller University Jena as well as in cooperation with the Helmholtz Center for Environmental Research GmbH - UFZ. It also receives support from the Max Planck Society, the Leibniz Association and the Free State of Saxony.

Your responsibilities:

- Trend analyses of spatio-temporal dynamics of biodiversity patterns for selected taxa using heterogeneous data (e.g., citizen science data) and attribution to drivers
- Analyses of possibilities and limitations of data integration of structured and semi-structured/opportunistic sampling records (Citizen Science)
- Evaluation of recording methods and databases for the conception of biodiversity monitoring programmes
- Active collaboration with authorities and natural history societies to jointly mobilize, harmonize and integrate data
- Contribution to visualisation of analysis outputs
- Co-organisation of sMon workshops and liaison with data providers
- High-quality scientific outputs in the form of journal publications and contribution to relevant high-level policy and practice reports
- Preparation and coordination of research proposals

Your profile:

- PhD (or equivalent experience) in biology, ecology or computational science with a clear reference to biodiversity and with experience in modelling/programming, quantitative analysis, or spatial data management
- Particular strengths in quantitative, statistical biodiversity analyses; experience with hierarchical Bayesian models and data integration modelling desirable
- Experience in database management and scientific programming (R and/or Python) essential
- Experience in data visualisation and development of R-Shiny applications desirable



- Team player, friendly and professional conduct
- Experience in collaboration with natural history societies, state agencies, museums and taxon experts desirable
- Excellent oral and written communication skills in English (German appreciated)
- Experience in scientific publications
- Flexible and independent way of working with a clear focus on science
- Challenged by the opportunity to develop a scientific research programme connected to your own academic career
- High motivation and very good organisational skills, interest to work in an interdisciplinary team and ability to liaise with a variety of stakeholders essential

We offer:

- An intellectually stimulating, independent and varied scientific activity with creative opportunities.
- Participation in diverse research at the interface of science, practice and policy with a strong inter- and transdisciplinary character in an international context
- Targeted personnel development with further training opportunities the iDiv support programmes for postdocs
- A modern, family-friendly working environment, attractive working conditions (mobile work) and an employer pension scheme
- Remuneration based on the provisions of the Collective Agreement for the Public Sector of the Federal States (TV-L) up to salary scale E14 — depending on the candidate's personal qualifications—, including a special annual payment in accordance with the collective agreement.

Candidates with severe disabilities will be given preference in the case of equal qualifications and suitability.

Are you eager to work for us? Then submit your detailed written application, preferably one PDF file (with letter of motivation, curriculum vitae, two references, diploma or master's certificate, doctoral certificate, list of publications) in German or in English are to be submitted in electronic form, stating the **vacancy ID 500/2021** by **16 January 2022** in our applicant portal <https://apply.idiv.de> or otherwise by post to:

**Deutsches Zentrum für integrative Biodiversitätsforschung (iDiv)
Halle-Jena-Leipzig
Prof. Dr. Aletta Bonn
Puschstr 4, 04103 Leipzig**

For any questions about the position, please contact Prof. Dr. Aletta Bonn on +49 341 9733153 (aletta.bonn@idiv.de).

Since all application documents will be duly destroyed after the recruitment process, we ask you to submit only copies of your documents.

For further information for applicants, please also refer to www4.uni-jena.de/stellenmarkt_hinweis.html (in German)
Please also note the information on the collection of personal data at www4.uni-jena.de/en/jobs_information_collecting_personal_data.html