



**iDiv**

German Centre for Integrative  
Biodiversity Research (iDiv)  
Halle-Jena-Leipzig

## External Job Announcement Reg.-Nr. 4-7650/23-D

Modern, interconnected, conscious of tradition: Martin Luther University Halle-Wittenberg (MLU) is the oldest and largest university in the State of Saxony-Anhalt with a history dating back more than 500 years. Today more than 20,000 students are enrolled at the university. MLU's core research areas are in the nanosciences and biosciences, the Enlightenment, as well as in social and cultural research. The university is also home to a range of small disciplines, some of which can be found nowhere else in Germany. The university has excellent national and international ties, and works closely together with leading research institutes, industry, and more than 250 universities around the world.

The Martin Luther University Halle-Wittenberg, in cooperation with the German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, offers the following position in Leipzig, starting as soon as possible and limited until 30 September 2024, with possibility for an extension:

### **Post-doctoral Researcher – Biodiversity Conservation (m/f/d)**

as full-time employment.

The salary will be up to Entgeltgruppe 13 TV-L, if the personal requirements and tasks are fulfilled. The workplace will be in Leipzig in the Biodiversity Conservation research group.

#### **The project and research group:**

The German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig is a National Research Centre funded by the German Research Foundation (DFG). Its central mission is to promote theory-driven synthesis and data-driven theory in integrative biodiversity research. It is located in the city of Leipzig and it is a central institution of the Leipzig University, jointly hosted by the Martin Luther University Halle-Wittenberg (MLU), the Friedrich Schiller University Jena and the Helmholtz Centre for Environmental Research (UFZ). More information about iDiv: [www.idiv.de](http://www.idiv.de).

This position is affiliated with the Biodiversity Conservation Professorship of Prof. Henrique Pereira and will be supervised by him. The Biodiversity Conservation group investigates patterns and processes of global biodiversity change, with the goal of informing environmental policy and management of ecosystems. For more information, please visit our lab website: [www.idiv.de/research/idiv\\_core\\_groups/biodiversity\\_conservation.html](http://www.idiv.de/research/idiv_core_groups/biodiversity_conservation.html).

The ideal candidate is an ecological modeler who is interested in collaborative team work on conservation relevant issues, and who can also carry out some project management tasks. The successful candidate will develop research on biodiversity monitoring design, including models of Essential Biodiversity Variables to provide trend detection and attribution of biodiversity change to drivers, related to the EuropaBON Horizon project (<http://www.europabon.org>) and the European Environmental Agency Topic Centre for Biodiversity and Ecosystems. The successful candidate is also expected to collaborate in other activities, such as the Nature Futures modelling in a community of practice associated to the IPBES Taskforce on Scenarios and Models, the Natura-Connect project (<https://naturaconnect.eu/>), and wilde project (<http://wilde-project.eu>).

### Tasks:

- Develop research on biodiversity monitoring design, including models of Essential Biodiversity Variables to provide trend detection and attribution of biodiversity change to drivers
- Develop research on workflows for Essential Biodiversity Variables that support automated species and habitat assessments for the Nature Directives and the Nature Restoration Law (in connection with the EEA Topic Centre on Biodiversity and Ecosystems)
- Write scientific papers and policy briefs reporting the findings of the research
- Support project coordination activities in EuropaBON, including coordination of meetings and workshops, and collaborate in the research with other projects of the group, particularly on Nature Futures scenarios
- Participate in writing research proposals and student mentoring

### Requirements:

- A scientific University degree (Diploma/ M.Sc.) in biology, ecology, geography, environmental sciences, physics, computer science or related disciplines
- A PhD degree in ecology, environmental sciences or related disciplines
- Excellent scientific publication record in ecological modelling, theoretical ecology, or biodiversity monitoring
- Demonstrated experience in ecological modelling in R, particularly in species distribution or taxonomic diversity modelling (including species-area relationships, generalized dissimilarity models and mechanistic community models) and/or in systematic conservation planning
- Excellent English in speaking and writing

The Martin Luther University Halle-Wittenberg gives priority to applications from severely disabled candidates with equivalent qualifications. Women are particularly encouraged to apply. Applicants with a degree that was not obtained at a German higher education institution must submit a Statement of Comparability for Foreign Higher Education Qualifications from the Central Office for Foreign Education (Zentralstelle für ausländisches Bildungswesen) to prove equivalence. This Statement can also be submitted after successful completion of the hiring process.

Queries concerning the application process should be directed to [hr@idiv.de](mailto:hr@idiv.de). For queries about the research project please contact [hpereira@idiv.de](mailto:hpereira@idiv.de).

Please submit your full application dossier in English with registration number 4-7650/23-D by 15/08/2023. Applications should be submitted via our iDiv application portal at <https://apply.idiv.de>. Applications should include a motivation letter tailored to the research project, a curriculum vitae, the digital copy of the Master's degree/Diploma as well as the PhD certificate, a publication record and names of two senior scientists who could serve as possible references. Application portfolios will not be returned, application costs will not be reimbursed.

This announcement is subject to possible budgetary restrictions.

iDiv is committed to establishing and maintaining a diverse and inclusive community that collectively supports and implements our mission to do great science. We will welcome, recruit, develop, and advance talented staff from diverse genders and backgrounds.