



iDiv

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

External Job Announcement Reg.-Nr. 4-6611/22-D

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 on 1 September 2022** or at the earliest opportunity and limited to 1 year:

Post-doctoral Researcher (m/f/d)

as full-time employment (100%).

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 research group of Prof Dr Henrique Pereira.

The project:

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.

EuropaBON (www.europabon.org) is a Horizon funded project that has the mission to overcome existing data gaps and workflow bottlenecks by designing an EU-wide framework for monitoring biodiversity and ecosystem services. EuropaBON aims to engage users at the regional, national and European level to identify the data needs of policies and targets aligned with the new European Green Deal. More specifically, in WP5 (European Showcases) Task 5.4 focuses on soil restoration and climate policies and aims to develop predictive models to estimate scenarios of soil biodiversity and ecosystem functions. Working together with the Joint Research Center and multiple other partners across Europe, we aim to hire a talented Post-Doc to develop scenario modeling approaches for soil biodiversity and ecosystem functions using observational data.

Tasks:

- Set-up and manage a soil biodiversity and ecosystem function dataset in support of the project
- Development of predictive and spatially explicit models of both functional and biological diversity in soils considering multiple future scenarios
- Chairing large meetings and workshops
- Leading or co-authoring multi-authored papers

Requirements:

- Scientific University degree (Diploma/ M.Sc.) in biology, ecology, environmental sciences, or a related field.
- PhD in ecology, conservation biology, and/or social-environmental sciences and a strong background in any of these disciplines
- Expertise in handling and assembling large datasets
- Very good knowledge of statistical modelling, preferably with R



- Good knowledge of spatial statistics and modelling
- Very good spoken and written English
- Very good sense of organization
- Good publication record

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.

Queries concerning the application process should be directed to hr@idiv.de. For queries about the research project please contact Dr. Carlos Guerra (carlos.guerra@idiv.de).

Please submit your full application dossier only in English with registration number 4-6611/22-D until July 8th, 2022. Applications should be submitted via our iDiv application portal at <https://apply.idiv.de>. Applications should include motivation letter tailored to the research project, curriculum vitae, a digital copy of Master's degree/Diploma as well as PhD, publication record and contact information from two scientific references. Application portfolios will not be returned, application costs will not be reimbursed.

Although we prefer applications via our application portal, hard copy applications can be sent to German Centre for Integrative Biodiversity Research – iDiv, Prof. Dr. Henrique Pereira, Puschstr. 4, 04103 Leipzig, Germany.

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.