



iDiv

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

External Job Advertisement
Reg.-Nr. 4-15438/20-D

iDiv, the German Centre for Integrative Biodiversity Research Halle-Jena-Leipzig, invites applications to 5 doctoral researcher positions in its 6th flexpool call from spring 2021 onwards (see overview in published flexpool general announcement).

The Martin Luther University Halle-Wittenberg, in cooperation with the German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, offers the following position at the earliest possible starting date and initially limited until 30th September 2021:

Doctoral Researcher (m-f-d) on the flexpool project 3: “iSPOT- Spatial scaling of Porphyry Outcrop Trends”

as part-time employment (65 %), an extension for further 2.5-3 years is possible and dependent upon successful renewal of DFG funding for iDiv (evaluation in spring 2021).

The salary will be up to Entgeltgruppe 13 TV-L, if the personal requirements and tasks are fulfilled. The workplace will be in Halle (Saale) in the research group of Prof. Helge Bruelheide in the Institute of Biology / Geobotany and Botanical Garden.

The project:

The project is mainly supervised by Ute Jandt (MLU), together with Jonathan Chase (MLU, iDiv), Valério Pillar (Universidade Federal do Rio Grande do Sul, Brazil) and Helge Bruelheide (MLU), and aims at documenting plant diversity changes in the last three decades in the porphyry outcrops north of Halle. In particular, the project asks how change at the local scale translates into the regional scale, and vice versa. We want to use trait-based meta-community models together with empirical data to understand the mechanistic nature of biodiversity change over the last 30 – 70 years.

Tasks:

- Resurvey the porphyry outcrop vegetation, taking plot records, compiling species lists and measure functional traits
- Digitize and georeference relevés and vegetation maps of the baseline study and other reference studies
- Carry out a landscape analysis, including reconstructing the past management
- Build a meta-community model of the dry grassland vegetation on the porphyry outcrops
- Writing and publishing scientific papers in peer-reviewed journals
- Presenting results at national and international conferences
- Active participation in the yDiv graduate school
- Qualification goal: PhD



Requirements:

- M.Sc. or equivalent scientific university degree in a project-related field (e. g. ecology, vegetation science, botany)
- Expertise and experience in trait-based analysis, good knowledge on the flora of Central Europe, experience with remote sensing products would be welcome
- Ability to do field work and interest in functional trait analysis and vegetation modelling
- Strong statistical skills (in R)
- Excellent English communication skills (spoken and written)
- Team-oriented and strong organizational skills

The Martin Luther University Halle-Wittenberg gives priority to applications from severely disabled candidates with equivalent qualifications. Women are particularly encouraged to apply.

Queries concerning the application process should be directed to Mrs. Christa Genz (christa.genz@idiv.de), for project-related questions, please contact Dr Ute Jandt (ute.jandt@botanik.uni-halle.de).

Submission deadline is 27th January 2021. Selected candidates will be invited to the online Flexpool recruitment symposium on 23rd and 24th February 2021.

All applications should include:

- Cover letter describing motivation for the project, research interests and relevant experience
- complete curriculum vitae including names and contact details of at least two scientific references
- digital copy of master certificate or equivalent

Kindly send your application, quoting the reference number 4-15438/20-D, via our application portal at <https://apply.idiv.de>. While we prefer applications via this portal, hard-copy applications may also be sent to: German Centre for Integrative Biodiversity Research – iDiv (Halle-Jena-Leipzig), Mrs. Dr. Christa Genz, Puschstraße 4, 04103 Leipzig.

The position is offered with reservation of possible budgetary restrictions. Application portfolios will not be returned, application costs will not be reimbursed.

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.