

## PhD position (UFZ)

**Bewerbungsfrist: 08.10.2023**

### PhD Researcher (f/m/x) in Plant Ecology

The *Department of Community Ecology* offers a PhD position within the DFG project “Climate niches and species immigration in grasslands under global change”. The potential PhD candidate will experimentally investigate the effects of plant species immigration and climate niches on grassland communities under global change by setting up a seed addition experiment in the Global Change Experimental Facility (GCEF). The GCEF is an experimental platform of the UFZ where future climate is simulated in different agro-ecosystems, including grasslands. The project is in close cooperation with PD Dr. Christiane Roscher and Prof. Isabell Hensen. The formal approval of the third-party funder is a necessary requirement for filling this position.

#### Your tasks

- Independent planning and implementation of fieldwork in the GCEF
- Data sampling of functional traits, plant demography and plant community variables
- Determining species' climate niches and linking them to plant responses
- Statistical analyses of the effects of experimental treatments on plant responses based on your own measurements and existing data
- Writing and publishing papers in peer-reviewed international journals
- Presenting results at national and international conferences

#### We offer

- Excellent technical facilities which are without parallel
- The freedom you need to bridge the difficult gap between basic research and close to being ready for application
- Work in inter-disciplinary, multinational teams
- Excellent links with national and international research networks
- Excellent support and optimal subject-specific and general training with our HIGRADE graduate school

#### Your profile

- Master of Science in ecology, botany or related field
- Interest and, preferably, practical experience in ecological field research
- Solid knowledge of vascular plant species and plant morphology
- Experience in the field of plant demography and population dynamics is an asset
- Expertise in statistical data analyses (preferentially using R) is expected
- Strong organizational skills
- Fluency in English and German (oral and written) with excellent communication skills
- Ability and motivation to work in an international environment

Place of work: Halle (Saale)

Working time: 65%

Contract limitations: limited contract / 36 months

Salary: Remuneration according to the TVöD public-sector up to pay grade 13 including attractive public-sector social security benefits.

Contact: **Your contact for any questions you may have about the job:**

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