

Leibniz
Universität
Hannover

The Institute of Geobotany invites applications for the position of a

Scientific Researcher (Postdoc, m/f/d) in Agroecology/Landscape ecology (Salary Scale 13 TV-L „FwN“, 100 %)

to be appointed at the earliest possible date. The position is limited to 30th June 2025.

Prof. Emily Poppenborg Martin is establishing a new international research group at the Institute of Geobotany in the field of agroecology and landscape ecology, with particular focus on arthropod biodiversity and ecosystem services in farmland.

Responsibilities

Responsibilities comprise the following tasks within the scope of research on the landscape ecology of arthropods, arthropod biodiversity and functional traits, arthropod-plant interactions, and biodiversity-driven ecosystem services in farmland:

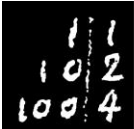
- Perform field work and experiments in entomology and ecology of agricultural systems under global change
- Develop collaborative research proposals and applications to third-party funding
- A strong quantitative component is expected including (spatiotemporal) landscape modelling, statistical/theoretical modelling, analysis and meta-analysis of large ecological datasets using R
- Apply a transdisciplinary perspective integrating participatory stakeholder approaches for sustainable management of agroecosystems
- Disseminate research in scientific journals
- Collaborate internationally with researchers in Europe and abroad
- Contribute to teaching in the Faculty of Natural Sciences, supervision of bachelor / master / PhD theses, contribute to the development of a Masters study programme

Requirements

We are looking for a highly motivated and independent person with a scientific university degree in a relevant field (Ecology, Agronomy, Conservation Biology, Environmental and Landscape planning, Biostatistics, and related subjects). A very good PhD degree is expected.

Furthermore, we expect the following requirements:

- Profound knowledge and interest in ecological questions addressing the maintenance and resilience of arthropod diversity and the functions and services they provide in agricultural landscapes
- Excellent knowledge of community ecological methods e.g. network analysis, functional traits frameworks, spatial ecology
- Profound quantitative skills including biostatistics, processing of large ecological datasets and programming in R
- Knowledge of GIS and applications to landscape ecological research and simulation
- Interest and ability to apply inter- and transdisciplinary methods to holistically address environmental problems in a social-ecological setting
- Problem-solving skills and the ability to work with high self-motivation independently and in a team
- Excellent written and oral communication skills in English, knowledge of German is advantageous



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Part-time employment is possible.

As an equal opportunities employer, Leibniz University Hannover intends to promote women and men. For this reason, suitably qualified women are specifically invited to apply. Preference will be given to equally qualified applicants with disabilities.

For any queries please contact Prof. Emily Poppenborg Martin (Email: poppenborg-martin@geobotanik.uni-hannover.de).

Please submit your application with supporting documents until 7th August 2020 to

Email: poppenborg-martin@geobotanik.uni-hannover.de

or alternatively by postal mail to:

Gottfried Wilhelm Leibniz Universität Hannover

Institut für Geobotanik

Prof. Emily Poppenborg Martin

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30167 Hannover

<https://www.uni-hannover.de/jobs>

Information on the collection of personal data according to article 13 GDPR can be found at <https://www.uni-hannover.de/en/datenschutzhinweis-bewerbungen/>.