



Whoever wants to investigate the major challenges for society has to be immersed in the best environment from the off: outstanding education, inspiring surroundings and a professional kit. You can find all this at the Helmholtz Centre for Environmental Research – UFZ. We offer exciting research topics, excellent supervision, solid structures, interdisciplinarity and an optimal, subject-specific and general qualification at the UFZ Graduate School HIGRADE – the best requirements to kick start a successful career.

The Department **Community Ecology** is offering, subject to the final approval by the German Federal Ministry of Education and Research (BMBF), as of now a

PhD position (ecology)
(m/f)

Code digit 10/2013

Together with partners from Sweden, France, Spain and Portugal EC21C will analyse the effects of climate- and land-use change on selected European species groups with respect to resilience and tipping points of ecosystems. On this basis, recommendations for nature conservation strategies for the 21st century will be developed.

The successful candidate will particularly elaborate on the potential and limitations of the “Green Infrastructure” concept (GI) for the conservation of biodiversity using differentially structured landscapes of Central Germany as a case study. A major focus of the work will be the development of suitable (statistical) models, mainly using already existing environmental and biotic data. A strong cooperation with social scientists will further provide possibilities and scenarios for the implementation of GI via stakeholder analyses.

Requirements:

- Diploma or MSc degree in biology, ecology, geocology, geography or a related discipline; preferential with a focus on animal ecology.
- Expertise in dispersal biology, metapopulation dynamic and modern concepts of ecology.
- Experience with butterflies, bees, carabids and/or spiders are preferable.
- Skills in the analysis of functional traits are advantageous.
- Expertise in modern statistical methods and readiness to become acquainted with the statistical environment “R”.
- Experience with geographic information systems (GIS) is preferable.
- Ability to work in a team.

Scientific information will be provided by:

Dr. Ingolf Kühn – Tel. 0345/558-5311 – e-mail: ingolf.kuehn@ufz.de

Dr. Oliver Schweiger - Tel: 0345/558-5306 – e-mail: oliver.schweiger@ufz.de

Interested?

Then submit an application to the Helmholtz Centre for Environmental Research – the international centre of competence for environmental sciences and member of the largest scientific organisation in Germany, the Helmholtz Association. Come to Leipzig, a science city with a unique flair.

Remuneration is based on the guidelines for public service in accordance with pay scale 13 (50%) of the German collective agreement for public service (TVöD). The work week is 40 hours. The position is limited to three years.

The UFZ is an equal opportunity employer. Physically handicapped persons are explicitly encouraged to apply and will be favoured if equally qualified. Women are explicitly encouraged to apply to increase their share in science and research.

Please send a **complete** CV including certificates, publication list, your contact information, names and contact information of 2-3 referees, and a one-page cover letter stating your qualifications, background and reasons for applying, to the human resources department at the Helmholtz Centre for Environmental Research – UFZ, by 15 February 2013, citing the Code-Digit 10/2013. Applications can be emailed to: application@ufz.de. Applications can be written in German or English.

The Helmholtz Centre for Environmental Research GmbH (UFZ) is a research institution with EMAS certification. In order to promote sustainability, we ask you to send your application via email.

