



UFZ-Umweltforschungszentrum  
Leipzig-Halle GmbH  
in der Helmholtz-Gemeinschaft

## **Research for the Environment**

Being an international competence centre for environmental research, UFZ is investigating the interaction between man and environment in used and disturbed landscapes. UFZ develops concepts and methods to assure a healthy environment for future generations.

The Department of Computational Landscape Ecology is seeking a

### **PhD student (m/f)**

within a research project funded by the Federal Ministry of Education and Research (BMBF) for three years.

The project GeoGRID aims to develop a GRID based framework for the geo- and environmental sciences. It is a cooperation project together with the GeoForschungszentrum Potsdam, the Alfred-Wegener Institute and six other partners. The UFZ part comprises the design and implementation of a case study on the effects of climatic change and land use change on ecosystem services in the Weiße Elster Basin, Germany. Scenario definition, the extension of existing eco-hydrological models and the setup of a geodata-infrastructure are in the focus of work at the UFZ. Additionally, the modules of the case study need to be integrated in the GRID framework, which will be developed by our project partners. The project offers the possibility to combine computer science skills with experience in environmental modeling and geo-information systems.

#### ***Applicants should fulfil the following criteria:***

The student employed for this position should have a strong background in environmental modeling, scientific computing and geo-information systems. Willingness to acquire complementary knowledge, interdisciplinary thinking and good communication skills are mandatory.

#### ***For further information please contact:***

Prof. Dr. Ralf Seppelt Tel.: 0341/235-3941 E-mail: ralf.seppelt@ufz.de or  
Dr. Sven Lautenbach Tel. 0341/235-3942 E-mail: sven.lautenbach@ufz.de

The place of work is Leipzig, Germany.

Salary will be according to the appropriate civil service level TVÖD (13/2).

Appointment is subject to final apportionment of funds by the Federal Ministry of Education and Research (BMBF).

Women are explicitly encouraged to apply to increase their share in science and research.

Physically handicapped person will be favoured if they are equally qualified.

Please send your complete application documents including curriculum vitae, list of publications and references under the code digit **34/2006** up to **May 23<sup>th</sup>** to:

UFZ – Umweltforschungszentrum Leipzig-Halle GmbH  
Personnel Department  
P.O. Box 500136  
04301Leipzig/Germany