



(FWF-Projekt)

PhD position in modelling microbial ecology and ecosystem functions

A three-year PhD position is currently available (starting as soon as possible) at the University of Natural Resources and Applied Life Sciences Vienna (Universitaet fuer Bodenkultur Wien) within a large collaborative research project focusing on modelling microbial community structure and ecosystem functioning at the terrestrial/aquatic interface.

The primary objective of this individual project is to apply the bio-physical process model EPIC (Environmental Policy Integrated climate Model; <http://www.brc.tamus.edu/epic/>) for selected sites to statistically compare measured and simulated data on biogeochemical processes such as nitrogen and carbon transformations.

She/he will collaborate with project partners to collect data and with model developers to extend and improve EPIC routines. The scientific results are fundamental to integrate in a bio-economic analysis that is carried out in some later phase of the project.

The project is funded by the Austrian Science Fund (FWF) and is conducted within the National Research Network MICDIF – Linking microbial diversity and ecosystem functions across scales and interfaces (see: <http://micdif.net>).

Applicants should have a MSc in ecology, or hydrology, or agronomy, or soil sciences with experiences in numerical modelling. Backgrounds in economics are advantageous. Skills in statistics, a programming language (e.g. FORTRAN), and English are required.

Applicants should e-mail a CV, a short summary of previous research, a letter explaining why she/he is interested in this research and contact details for three references to eva.krickler@boku.ac.at until 16th May 2007. Only suitable candidates will be invited to a personal conversation. All applicants will be notified if a successful candidate has been found. For further information please contact Dr. Erwin Schmid via email: erwin.schmid@boku.ac.at or phone: +43 1 47654 3653.

BOKU seeks to increase the proportion of women and encourages qualified women to apply for this position.