



The research group of Geoecology (Geography, Department of Geosciences) invites applications for

One PhD Student Position in Soil Science (65%, TV-L E13)

within the multidisciplinary project “Tropical Mountain Forest” granted by the German Science Foundation (<http://www.tropicalmountainforest.com/>). Combining monitoring and measurements of functional diversity, several research groups perform interdisciplinary research to understand the relationships between landscape change, biodiversity, biological interactions, and ecosystem processes and services.

In this frame, the research group of Geoecology is in charge of the subproject “The fate of phosphorus in forest and treeline ecosystems in Ecuador”. Despite the remote location of the study site, the tropical mountain forest in Ecuador suffers from atmospheric nutrient inputs with yet unknown effects on ecosystem processes. The cycle of phosphorus might respond strongly to nutrient inputs, because of the suspected role of phosphorus as growth-limiting element in this ecosystem. The prospective PhD candidate will study bio- and geochemically controlled P release in soil. The candidate will organize and conduct sampling campaigns in Ecuador and will be trained in various state-of-the-art techniques in the laboratory in Tübingen.

Applicants should have a background in Geoecology, Geoscience, Geography, Landscape Ecology, Environmental Sciences, Forestry, Agricultural Sciences, Biology, Geochemistry, or Environmental Chemistry. Good communication skills, high motivation and commitment to interdisciplinary research particularly focusing on environmental issues are required. Spanish skills are desirable. The position will be open until qualified candidates are identified. We particularly encourage female applicants to apply for this position. Disabled persons will be preferred in case of equal qualification.

Please send your application (cover letter, full CV, copies of certificates, and names, telephone numbers and email addresses of two academic referees) as a single PDF file attached to an email to Yvonne Oelmann ([yvonne.oelmann\[at\]uni-tuebingen.de](mailto:yvonne.oelmann[at]uni-tuebingen.de)). **Application deadline is April 21st, 2013.**