

Research Associate (TU MÜNCHEN)

Bewerbungsfrist: 15.06.2018

The Professorship “Land Surface-Atmosphere Interactions” at TUM School of Life Sciences Weihenstephan invites applications for a **Research Associate**, E13 TV-L, 100 %, initially limited for 2 years.

About us

The Professorship for Land Surface-Atmosphere Interactions investigates impacts of global climate and land use change on terrestrial ecosystems and potential feedbacks to the atmosphere. The goal is to develop conceptually new ecosystem models to systematically investigate the impacts of climate change, in particular extreme events, and land use change on ecosystems, and potential climate feedbacks at regional scale. The job comprises the application and development of dynamic ecosystem models (LPJ-GUESS), the handling of large datasets (e.g. formatting input and output data) and statistical data analysis (e.g. comparison of simulated data with remote sensing data, eddy-flux-data etc.). The contribution to university teaching (forestry and environmental sciences) is required (5 hours per week during the semester).

Your profile

You have a PhD in a quantitative science, e.g. geo-ecology, environmental science, biology, meteorology or systems analysis. You have sound knowledge of scientific programming (preferably R, C++) and experience in ecosystem/atmospheric modelling. You are confident in handling large datasets and statistical data analysis. You are interested in working independently and developing your own research agenda. You have excellent skills in communicating concepts and results in literate English including writing publications and applying for third party funding. We expect the candidate to have good communication skills and the ability to work in a team.

Our offer

We offer a stimulating working environment in an interdisciplinary research team with the opportunity to contribute to existing projects (see www.l sai.wzw.tum.de) and to develop your own research agenda. The position is full-time with the possibility for habilitation. The position is initially limited to 2 years with the possibility for extension. The conditions of employment follow the rules of the German tariffs of public services (TV-L). TUM is an equal opportunity employer. Qualified women are therefore particularly encouraged to apply. Applicants with disabilities are treated with preference given comparable qualification.

Contact

Please send your application, including a cover letter, CV, a brief description of scientific achievements and interests, and contact information of two referees, as soon as possible (**latest by June 15, 2018**) to Sandra Grosskopf (grosskopf@wzw.tum.de). The planned starting date of the position is 1st of September 2018. For further inquiries, please contact Prof. Dr. Anja Rammig, (Anja.Rammig@tum.de). For more information see www.l sai.wzw.tum.de.