

The KIT Institute of Geography and Geoecology invites applications for the position of a

Postdoctoral Researcher, Remote Sensing of Vegetation, 3 + 3 years

This is a full-time postdoctoral research appointment for three years (salary according to German E13 TV-L, 100%), with a flexible start date between the spring and summer of 2016. The appointment can be extended for another three years after positive evaluation. The candidate will be part of a working group for biogeography and vegetation science (Prof. Dr. Sebastian Schmidlein). The group aims at investigating pattern and processes in vegetation. One of our tools is remote sensing. We host a range of relevant instruments like an airborne hyperspectral imaging system, a hyperspectral UAS and a full range FieldSpec device.

The successful candidate will conduct independent research in the field of remote sensing of vegetation with a focus on ecological or macro-ecological research questions (e.g., related to biodiversity, plant functional types, community processes, changes induced by external drivers, conservation and management). The successful candidate will attract funding through competitive research grants and mentor graduate students. The position involves a limited amount of teaching (four teaching hours per week during term-time).

Competitive applicants will have a Ph.D. degree in a relevant subject like geoecology, ecology, biogeography or earth observation. To be successful you will need a track-record of publications in high quality journals, demonstrated knowledge and understanding of processes in vegetation, high level numerical and computing skills and the ability to work as a key member of a multi-disciplinary research team.

We explicitly welcome applications from abroad. Karlsruhe offers an inspiring environment for research and a position at the heart of Europe, in close proximity to France and the Black Forest. KIT prefers to balance the number of female and male employees. We therefore kindly ask female applicants to apply for this job. If qualified, handicapped applicants will be preferred.

To apply, submit a cover letter including description of research interests, a current CV, academic transcripts (M.A. and Ph.D.), a list of publications, one sample of a scholarly paper and contact details of two referees. Please merge all these documents into a single pdf and send the application to schmidtlein@kit.edu. Review of applications begins December 10, 2015 and will continue until the position is filled. For further enquiries, please contact Prof. Dr. Sebastian Schmidlein, Karlsruhe Institute of Technology (KIT), Institute of Geography and Geoecology, Kaiserstr. 12, 76131 Karlsruhe, Germany (schmidtlein@kit.edu).