

Postdoctoral researcher in *Land-Use Change Modelling* Karlsruhe Institute of Technology, Campus Alpin (IMK-IFU), Garmisch-Partenkirchen, Germany

Overview

The Land Use and Climate Change Research Group of the Karlsruhe Institute of Technology (<https://landchange.imk-ifu.kit.edu/>) is seeking a postdoctoral researcher in the field of land use change modelling. You will work within a newly funded research project on *Integrating socio-technological and ecological land-based solutions for climate change mitigation in the food and energy systems (ISoTEc-Land)*. Your specific roles will be to contribute to the application of a novel agent-based model of land use change at the global scale, and the development of a new model of large-scale, solar panel placement. The position is available from 1 May 2021 for 18 months, with the potential for extension beyond this period subject to performance and funding. The position will also entail some contribution to teaching and group administration. The position holder will be located at KIT's attractive Alpine Campus in Garmisch-Partenkirchen, Germany. Salary will be equivalent to the public service TV-L EG13, depending on qualifications and experience.

Qualifications

You will have a PhD degree in a relevant discipline (or equivalent experience) and strong quantitative skills in computer modelling and the analysis of large-scale datasets in the environmental sciences (GIS experience alone is insufficient). Experience with statistical analysis, scenario analysis, ecological economics, computational social sciences and/or computer programming is desirable. You will need to have proficiency in the English language, both spoken and in writing. Further information can be obtained from Prof. Mark Rounsevell (mark.rounsevell@kit.edu).

Applications

Applications should be sent by email to Prof Mark Rounsevell (mark.rounsevell@kit.edu) by **Friday 22 January 2021**, quoting the reference, *ISoTEc-Land*. Applications should be submitted within a single PDF document that includes your CV, publications list (with citations), a short (1-2 page) letter of motivation and contact details for 2 referees. The motivation letter should clearly state how your research interests relate to the job specification provided above. Applications that are incomplete or do not address these criteria will not be considered.

Interviews will be held remotely on **Monday 1 February 2021**.

KIT strives to achieve gender balance at all levels of employment. We therefore particularly encourage female candidates to apply for this position. With appropriate qualifications, applications from persons with handicaps are treated preferentially.