

Technische Universität München, Department of Civil, Geo and Environmental Engineering,  
Research Group for Modeling Spatial Mobility

## PostDoc in Land-Use/Transportation/Environmental-Impact Modeling

**Position Summary:** We are pleased to announce a PostDoc position available for a researcher focusing on Land-Use, Transportation or Environmental-Impact Modeling. The ideal candidate has a background in computer modeling and brings experience with a programming or scripting language.

**Primary Responsibility:** The successful applicant will work with the newly established research group on Modeling Spatial Mobility in the Department of Civil, Geo and Environmental Engineering at the Technische Universität München. The main task is to develop an integrated land-use/transportation/environmental-impact model for the Munich Metropolitan Area. The successful applicant is expected to lead selected tasks of model development and implementation.

In addition to research, the successful applicant will also be involved in publishing, teaching and writing research proposals. Teaching topics will be selected in coordination with the applicant's interests and the teaching needs of the Transportation Systems M.Sc. Program (<http://www.transportation.bgu.tum.de/msc-transportation-systems/>).

**Minimum Qualifications:** A doctoral degree as well as prior experience in land-use, transportation or environmental-impact modeling are expected. Experience with a programming or scripting language is important. The ability to speak, read and write in English is required.

**About us:** Modeling Spatial Mobility is a new research group at the Technische Universität München with the vision to further develop mathematical models that relate to mobility, including transportation, land-use and environmental impacts. Such models shall help to expand our knowledge on the impacts of infrastructure investments, planning policies, behavioral changes as well as global economic or environmental trends.

The position can be filled as soon as possible and is initially funded until October 2017. We are offering excellent working conditions in a highly international research environment. The salary is in accordance to the Public Sector Collective Agreement on Länder (TV-L). The wage classification will be carried out after presenting the personal requirements as pay grade TV-L E 13. The Technische Universität München is an equal opportunity employer. Qualified women are particularly encouraged to apply. Applicants with disabilities are treated with preference given comparable qualification.

**Application requirements and deadlines:** Applicants should submit a letter of interest (max. 2 pages), a curriculum vitae, and the names and contact information of three references in pdf format and send it to [rolf.moeckel@tum.de](mailto:rolf.moeckel@tum.de). Review of applications will begin October 15, 2015 and continue until position is filled.

**Questions?** Please contact Prof. Rolf Moeckel (+49.289.22699 or [rolf.moeckel@tum.de](mailto:rolf.moeckel@tum.de)) for any further questions about this position at the Technische Universität München.