



Postdoctoral Researcher in Aeolian Geomorphology and Remote Sensing

The Terrestrial Sedimentology Group at the Department of Geosciences at the University of Tübingen invites applications for a

Postdoctoral Researcher (m/w/d; E 13 TV-L, 100%)

For the duration of two years with perspectives for extension.

Your responsibilities will be

- The development of novel methods for understanding desert dunefield morphology and relationship to climate using deep learning and remote sensing
- Communication of results in scientific journals and at national and international scientific meetings
- Contribution to teaching activities within the department to a limited extent (4SWS)

We expect

- Completed PhD in earth sciences, geography or related scientific discipline
- Experience in GIS and remote sensing for earth science applications
- Demonstrated proficiency in scientific writing (demonstrated by publications in peer-reviewed journals) and oral communication
- Willingness to engage and cooperate scientifically with a collegial, interdisciplinary and international team working on exciting science
- Experience with machine learning and/or aeolian geomorphology is desirable but not essential

We offer

- An excellent, interdisciplinary and international team working on a range of exciting and novel scientific projects
- A world-class geosciences department within one of Germany's top universities
- A beautiful setting in a vibrant university town (<https://www.tuebingen.de/en/>)

The university seeks to raise the number of women in research and teaching and therefore urges qualified women academics to apply for this position. Equally qualified applicants with disabilities will be given preference.

Your application should comprise a letter of motivation, CV, list of publications, certificates and contact information for 3 referees. Please submit your application as a single PDF (max. 10MB) by 19 April 2022 to Prof. Kathryn Fitzsimmons (Kathryn.fitzsimmons@uni-tuebingen.de) using the subject line "Postdoc Aeolian geomorphology". For enquiries regarding the post please contact Prof. Kathryn Fitzsimmons.