



Independent Junior Research Group Leader

“Modeling of Global Biogeochemical Cycles”

(m/f/d; E14 TV-L, 6 years, starting date: October 1, 2027)

The Cluster of Excellence TERRA “Terrestrial Geo-Biosphere Interactions in a Changing World” is an interdisciplinary research initiative of geoscientists, biologists, and computer scientists at the Universities of Tübingen and Hohenheim and the Senckenberg Institution of Biodiversity and Earth System Research in Frankfurt, investigating how the interactions between the living and non-living worlds shape global change from single microorganisms to the globe, in the geological past, at present, and in the future.

We invite applications for leading a junior research group ‘Modeling of Global Biogeochemical Cycles’, starting at October 1, 2027. The call for applications is aimed at outstanding young researchers wishing to establish an independent junior research group at the University of Tübingen, Department of Geosciences. The group’s research should contribute to the goals of TERRA by developing, applying or evaluating computational models that describe the global cycling of nutrients and/or carbon in the geological past, present and/or future using process-based, hybrid, or data-driven modeling approaches.

Eligible applicants are early-career researchers up to four years after completion of their doctoral studies, working in the field of large-scale biogeochemical modeling. Funding is available for the head of the work group (6 years), a doctoral-researcher position (4 years), expenses, and programing support. Acquisition of additional funds via third-party projects is expected.

Joining TERRA, you will be member of a pioneering team exploring a new research domain with impact on addressing the multiple crises of global change (www.terra-cluster.org). We offer an excellent and interdisciplinary research environment (<https://uni-tuebingen.de/en/236226>) in an international, lively and ambitious department (<https://uni-tuebingen.de/en/82353>) in a vibrant city (<https://www.tuebingen.de>).

The University of Tübingen is committed to equity and diversity and actively promotes equal opportunities. Equally qualified candidates with disabilities will be given preference in the hiring process. Full-time positions are generally suitable for job sharing. Your application should comprise a short letter of motivation (max. 2 pages), a research plan outlining the work of the group (max. 3 pages), a CV, and certificates. Please fill out the application form via [Application form for IRJG Modeling of Global Biogeochemical cycles](#) or use the QR code provided. The deadline for applications is October 1, 2026. Interviews are planned for the second half of November. For questions concerning the post contact Olaf Cirpka, olaf.cirpka@uni-tuebingen.de.

Use the QR code to access our application form:

