



UNIVERSITÄT  
BAYREUTH



FAMILIE IN DER  
HOCHSCHULE

The University of Bayreuth is a research-oriented university with internationally competitive, interdisciplinary focus areas in research and teaching. The Faculty of Biology, Chemistry & Earth Sciences at the University of Bayreuth is currently seeking to appoint a



## Full Professor of Soil Physics

at pay grade W 3 (minimum salary per month: 7,217 euros) to commence as soon as possible. This is a permanent civil service position.

The faculty invites applications especially from high potential researchers who investigate the interactions between physical, biological, and chemical processes in the soil-plant-air continuum. Research methods shall include experiments or process-based models. Possible research areas are:

1. rhizosphere processes and interactions with the transport of gases, water, nutrients, contaminants, and microplastic in the soil and the "Earth's Critical Zone";
2. impact of physical soil properties and hydrologic dynamics on soil microorganisms, nutrient cycling and / or root activity;
3. biophysical controls of soil and ecosystem processes on scales ranging from rhizosphere to landscape in connection with e.g. climate change, land use, and soil erosion.

The incumbent will teach courses in soil physics primarily for the degree programmes Geocology (B.Sc. and M.Sc.) and for the international degree programmes Global Change Ecology (M.Sc.) and Environmental Geography (M.Sc.). The ability to teach in English is expected.

The incumbent will actively engage in interdisciplinary collaboration and research in Collaborative Research Centre (SFB) 1357 on Microplastics, the Bayreuth Center of Ecology and Environmental Research (BayCEER), and the Institute of Africa Studies at the University of Bayreuth.

The general administrative requirements for hiring professors at universities in Bavaria apply. A complete description of the vacancy can be found at [www.uni-bayreuth.de/en](http://www.uni-bayreuth.de/en).

Applications (CV outlining education and academic career, list of publications, list of courses taught, experience obtaining external funding, as well as copies of all diplomas and certificates) are to be submitted electronically to the Dean of the Faculty of Biology, Chemistry & Earth Sciences, Prof. Dr. Matthias Breuning, via <https://uni-bayreuth.berufungsportal.de> by **31<sup>st</sup> January 2021**. Applicants are welcome to direct questions and requests for further information to the Dean at [dekanat.bcg@uni-bayreuth.de](mailto:dekanat.bcg@uni-bayreuth.de). Application documents will be deleted following the conclusion of the appointment process in accordance with data protection law.