
The Group for **Soil Mineralogy and Soil Chemistry** of the Institute of Applied Geoscience at the TU Darmstadt, Germany, is inviting applications for

2 Research Associates/Postdoc positions (all genders)

starting as soon as possible. The positions are limited to 3 years. An extension of the contracts is generally possible.

The Group for Soil Mineralogy and Soil Chemistry is a new research group at the Institute of Applied Geoscience at the TU Darmstadt. The group studies the biogeochemistry of soils under global change. We use advanced analytical approaches to understand soil pollution and matter fluxes between soils and atmosphere, biota, ground and surface water. The current focus is on the fate of micro- and nanoplastic as well as trace metals in soils.

We offer to work in a motivated, dynamic team with the possibility to bring in own ideas and support in career development.

The successful candidates must have a PhD in Geoscience, Geography, Chemistry, Environmental Sciences or similar disciplines. Experience in teaching, fieldwork, labwork and instrumental analytics is required.

Specific experience with microplastic/nanoplastic research, trace metal research, nanoparticle research, relevant analytical instruments (e.g. FTIR/Raman spectroscopy, py-GCMS, ICP-MS, MC-ICP-MS, SEM/TEM, XAS), analytical method development, statistics and programming is an asset.

The successful candidates will teach in the field of Soil Science (4 h/week during the semester), (co)supervise BSc, MSc and PhD students and conduct own research.

The fulfillment of the duties likewise enables the scientific qualifications of the candidate. Opportunity for further qualification (habilitation) is given.

The Technische Universität Darmstadt intends to increase the number of female employees and encourages female candidates to apply. In case of equal qualifications applicants with a degree of disability of at least 50 or equal will be given preference. Wages and salaries are according to the collective agreements on salary scales, which apply to the Technische Universität Darmstadt (TV-TU Darmstadt). Part-time employment is generally possible.

By submitting your application, you agree that your data may be stored and processed for the purpose of filling the vacancy. You can find our privacy policy on our webpage.

Please send your application as a single PDF including a letter of motivation, a complete CV and the names and email address of two referees to: cazzonelli@geo.tu-darmstadt.de

For further information, please contact PD Dr. Moritz Bigalke, bigalke@geo.tu-darmstadt.de.

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