Leibniz-Zentrum für Agrarlandschaftsforschung e.V. - HR

The mission of the Leibniz Centre for Agricultural Landscape Research (ZALF) as a nationally and internationally active research institute is to deliver solutions for an ecologically, economically and socially sustainable agriculture – together with society. ZALF is a member of the Leibniz Association and is located in Müncheberg (approx. 35 minutes by regional train from Berlin-Lichtenberg). The institute maintains further locations in Brandenburg (Dedelow, Paulinenaue) as well as in Hesse (Giessen, Kassel, and Geisenheim).

Research Assistant (m/f/d) with the option to pursue a Ph.D.

The Agricultural Biogeochemistry Group has the strategic goal of developing an improved understanding of the interactions between different silicon (Si) species and their availability, and nutrient and water availability in agricultural systems. For the DFG funded project ‘Amorphous silica and short ranged ordered aluminosilicates as key player for CO2 binding during mineral weathering?’ we are looking for a highly motivated scientific associate. The focus of the project is to unravel the underlying mechanisms on how amorphous silica and short ranged ordered aluminosilicates (which form during weathering) affect CO2 binding during mineral weathering. The work will be conducted in the laboratories of the working groups Agricultural biogeochemistry and Root-Soil-Interaction. We are offering a 65% position temporarily limited for 36 months at our location in Müncheberg as Research Assistant (m/f/d)

City: Müncheberg; Starting date (earliest): At the earliest possible; Duration: temporarily limited for 36 months; Remuneration: classification according to the collective agreement of the federal states (TV-L) up to E13 (including special annual payment); Reference number: 26-2026; Closing date: 15/06/26

Tasks

- Conducting laboratory experiments to analyze the effect of amorphous silica and short ranged ordered aluminosilicates on mineral weathering of different minerals
- Determine CO2 binding during mineral weathering using 14C-labled CO2
- Analyze changes on mineral surfaces with FTIR-microscopy
- Publish results in international peer-reviewed journals
- Present key results on international and national conferences

Requirements

- Master university degree (or equivalent) in mineralogy, inorganic chemistry, earth or natural sciences (e.g., Soil Sciences, Earth Sciences, Environmental Sciences)
- Profound knowledge in mineral weathering
- Strong experience in lab work
- Excellent knowledge of spoken and written English
- Excellent communication skills
- An open-minded and intercultural approach

What we offer

- an interdisciplinary working environment that encourages independence and self-reliance
- State-of-the-art analytical tools in the ZALF laboratories
- Possibility of an internship abroad
- classification according to the collective agreement of the federal states (TV-L) up to E13 (including special annual payment)
- a collegial and open-minded working atmosphere in a dynamic research institution
- Remote working of 40% per month
- Company ticket for public transport

Application

background, age, religion, ideology, disability, gender, or sexual identity. The filling of the position in part-time is possible in principle. Please send your application preferably online (see button online application below). For e-mail applications, create a PDF document (one PDF file, max. 5 MB; packed PDF documents, archive files like zip, rar etc. Word documents cannot be processed and therefore cannot be considered!) with the usual documents, in particular CV, proof of qualification and certificates, stating the reference number 26-2026 until 15 June 2026 to (see button e-mail application below).

https://jobs.zalf.de/jobposting/5d17f1f7ff96fc236097631c8f9a04fea541ba6c0

If you have any questions, please do not hesitate to contact us: apl. Prof. Dr. Jörg Schaller (Phone +49 (0) 33432/82-137; joerg.schaller@zalf.de

For cost reasons, application documents or extensive publications can only be returned if an adequately stamped envelope is attached.
If you apply, we collect and process your personal data in accordance with Articles 5 and 6 of the EU GDPR only for the processing of your application and for purposes that result from possible future employment with the ZALF. Your data will be deleted after six months.

More information at https://stellenticket.de/204227/TUB/
Offer visible until 18/06/26