At the Faculty VI Regional and Environmental Sciences, Trier University, in the department of Soil Science, a position is available as a

Research Associate (m / f / d) – Soil Chemistry
65% of the fulltime weekly hours, salary group TV-L 13

starting from November 1, 2021 or the next earliest date. The position is limited to three years and offers the opportunity for scientific qualification (doctorate to Dr. rer. nat.).

The position is involved in the project "Driver Pool - Substrate affects microbial driven distribution of energy and matter among organic carbon functional pools in soil" being part of the DFG-funded priority program "SPP 2322 SoilSystems" (www.soilsystems.uni-trier.de).

Driver Pool aims to understand the interplay between substrate turnover pathways and energy fluxes in soil, modulated by the soil microorganisms, their community structure and functioning. The turnover of well-defined substrates added to soil will be investigated. In the project, three scientific employees work on the three focal points (WP1) energy balances, (WP2) dynamics and balance of microbial carbon turnover, (WP3) microbial activity and adaptation. It is a joint project of the University of Koblenz-Landau, the UFZ Leipzig and the Trier University.

Your research in WP2 aims to analyze substrates and transformation products and to determine their distribution between postulated functional pools. From this, mass balances and the dynamics of substrate turnover are derived in order to better understand soils as ecological systems.

We offer:
• A university working environment in a creative and reputed team as part of an environmental faculty doing broad-based research.
• Excellent technical equipment and appropriate training.
• Work in a national research focus and international research network.
• Workshops and courses to develop further skills.
• Involvement in the activities of Soil Science at the Trier University.

You offer:
• Master’s degree (or equivalent) in environmental sciences or related disciplines (e.g. geocology, agricultural sciences, forest sciences, environmental or analytical chemistry or related subjects).
• Visible background in soil science and interest in soil ecological research and environmental analysis.
• First experiences with chromatographic analytical devices, (high-resolution) mass spectrometry and / or stable isotope tracer techniques.
• Basic knowledge of the German language.

Disabled persons will be given preference if they are suitable (please attach proof). The University of Trier endeavors to increase the number of its female scientists and urges them to apply.

Please submit your application by October 10, 2021 (the stamped receipt date of the university post office applies) with certificates, CV, letter of motivation and - if available - the summary of your master's thesis and a reference. Preferably, send this in one pdf file to thiele@uni-trier.de or by post to Trier University, FB VI, Soil Science, Prof. Dr. S. Thiele-Bruhn, Behringstrasse. 21, 54296 Trier, Germany.

In case of further questions about the position, please send an e-mail to thiele@uni-trier.de.

Please do not submit your application in folders or envelopes and only as uncertified copies. The documents will not be returned, but will be destroyed after the selection process has been completed.