

PhD position in Soil Science

We invite applications for a **PhD position** in the field of **soil science** at the Technical University of Munich. The PhD student will join a team of international scientists at the Chair of Soil Science. A centre of excellence, TUM is Germany's top university and among the top universities world-wide.

The position is part of the funding initiative "BonaRes-Centre for Soil Research" (www.bonares.de) of the German Federal Ministry of Education and Research (BMBF) for a fixed-term of 3 years (pending final approval). The earliest starting date is 01.09.2018. Salary is TV-L E13 (65%) according to the German TV-L system (Tarifvertrag für den Öffentlichen Dienst der Länder). The candidate will be located with the group of Prof. Dr. Ingrid Kögel-Knabner at Freising-Weihenstephan, near Munich in Bavaria.

The selected candidate will develop an indicator for improved management of soil organic matter in agricultural soils of Germany. Your aim will be to develop a simplified fractionation procedure in combination with a spectroscopic approach to estimate functional soil organic matter pools in a time- and cost-efficient manner. The approach will be validated using soil monitoring sites and long-term field experiments.

Applicants should have a master's degree in agricultural or environmental science, geocology, biology or equivalent, with a focus on soil science. Experience in soil fractionation and infrared spectroscopy is highly welcome. A driver licence, experience in soil sampling and good communication and writing skills in English and German are required. The candidate should be highly motivated, team-oriented and willing to work in a larger group of scientists.

To apply, please send a single pdf file containing 1) a motivation letter (personal statement describing research experience and interests, max. 1 A4 page), 2) an up-to-date CV, and 3) name and contact information of at least two references. The deadline to submit applications is **May 11, 2018**. Please send your application to soilpositions@wzw.tum.de with "PhD position BonaRes" in the subject line.