The Brandenburg University of Technology (BTU) Cottbus–Senftenberg is a research-oriented university that combines its role as the central university of Lusatia with a strong international perspective. It offers a combination of basic and application-oriented research with a focus on the environment, energy, materials, construction, health, and information and communication technology.

The Faculty of Environment and Natural Sciences of Brandenburg University of Technology (BTU) Cottbus–Senftenberg, invites applications for a

PROFESSORSHIP Soil-Plant Systems (W3)

commencing at the earliest opportunity.

We seek to appoint an internationally established scientist specialized in soil biogeochemical processes with a strong focus on interactions between soil and plant systems. The professorship is expected to conduct basic and applied research in at least two of the following topics:

- biogeochemical nutrient cycling and transformation processes in soil-plant systems with special emphasis on plant communities
- interactions at the interface between soils and plants (e.g. rhizosphere, water and nutrient transport and uptake)
- element cycling in natural, managed and disturbed ecosystems (experience with post-mining landscapes or comparable marginal sites desirable)
- sustainable, climate-adapted land use systems

The successful candidate should have extensive experience with a broad range of field and laboratory-based methods. The professorship is the reappointment of the Chair Soil Protection and Recultivation (Lehrstuhl Bodenschutz und Rekultivierung). Thus, extensive laboratory and field equipment for soil chemical, soil physical and soil biological investigation are available. In particular knowledge of stable isotope methods and model applications would be desirable. The cooperation with other groups at the Institute of Environmental Science, as well as with other institutions in Germany and abroad is essential.

Compulsory and elective courses are taught as part of Bachelor and Master programs in the faculty, namely: Environmental Resources Management, Environmental Engineering and Land Use and Water Resources Management. Courses are taught in English and German. Contributions to curriculum development within the Bachelor and Master programs of the faculty are expected.

Experience in the acquisition and realization of third-party funded projects is expected. Fields of research should be relevant for DFG (German Research Foundation) or comparable international funding agencies.

For further information please contact Prof. Dr. Christoph Hinz, Tel. +49 (0)355 69-4601 / email: christoph.hinz@b-tu.de.

Other duties result from the requirements set by § 42 Brandenburgisches Hochschulgesetz (Higher Education Act of the State of Brandenburg - BbgHG) in conjunction with § 3 BbgHG. Please refer to §§ 41 paragraph 1 no. 1 - 4a and 43 BbgHG for Prerequisites and conditions of employment.

BTU Cottbus-Senftenberg is committed to equal opportunities and diversity and strives for a balanced gender ratio in all employee groups. Person with a severe disability and their equals are given priority in the case of equal suitability. As a family-oriented University, BTU offers a Dual-Career-Services.
The application, including academic certificates, curriculum vitae, a list of publications, as well as proof of teaching experience, should be sent by e-mail in a single pdf file with a max. 7 MB until 17.03.2022 to:

Dean of the Faculty of Environment and Natural Sciences
BTU Cottbus - Senftenberg, Postfach 101344, 03013 Cottbus

Email: fakultaet2+bewerbungen@b-tu.de

When sending your application by unencrypted e-mail, please be aware of the risks regarding the confidentiality and integrity of your application content and please also note the data protection information on the BTU website.