The Faculty of Environmental Sciences, Department of Forest Sciences, Institute of Forest Utilization and Forest Technology invites applications for the

Chair (W2) of Forest Utilization
to be filled at 01.04.2021.

The position holder is required to represent the Forest Utilization in research and teaching. The profile of the chair stands at the interface between wood production in forestry and efficient use of raw products for material and energetic purposes. It covers the anatomy of the natural raw material, the wood utilization in the grown structure, possibilities of use in wood-composite material as well as the investigation of non-wood forest products in Europe, in the tropics and subtropics. In doing so, new climatic frameworks (e.g. plants/wood species, raw material structure/composition) must be taken in account. Methodological bases offer among others scanning electron microscopy, dendrochronology, and physical wood testing. In teaching on Bachelor's and Master's degree (such as Forest Science, Tropical Forestry, Wood Technology and Timber Economy) the chair provides contents in the field of Wood Science, Wood Recycling and Wood Use. The maintenance and further development of the existing worldwide cooperation with partners in Science, industry and development cooperation is also expected. The duties include participation in academic self-administration. The cooperation is desired in the Centre for International Postgraduate Studies of Environmental Management - CIPSEM of TU Dresden as well as in the Saxony-wide network LignoSax. The collaboration with the Dresden-based Institute for Integrated Management of Material Fluxes and Resources (UNU-FLORES) of the United Nations University is expected.

The applicant shall have in-depth knowledge and experience in the anatomical research of forest-related raw materials at the interface to forestry and the material use as construction material. Interest and aptitude for interdisciplinary cooperation with adjacent scientific disciplines at TU Dresden and active cooperation with national and international partners (e.g. Staatsbetrieb Sachsenforst, Institute für Holztechnologie Dresden gGmbH, European Forest Institute) are expected. We are looking for an internationally recognized scientist who is identified by high-ranking publications. Involvement in the international research community and experience in the acquisition of third-party funding are expected. Teaching in English language is required, which demands for excellent English language skills. Applicants must fulfil the employment qualification requirements of § 58 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (SächsHSFG).

For further scientific questions, please contact the head of the appointment committee, Prof. Dr. Erler, phone +49 351 463-31301, email: erler@forst.tu-dresden.de.

TU Dresden seeks to employ more female professors. Hence, we particularly encourage women to apply. Applications from candidates with disabilities or those requiring additional support are very welcome. The University is a certified family-friendly university and offers a Dual Career Service. If you have any questions about these topics, please contact the Equal Opportunities Officer of the Faculty of Environmental Sciences (Prof. Dr. forest. habil. Doris Krabel, +49 35203 38-31857) or the Representative of Employees with Disabilities (Mr. Roberto Lemmrich, +49 351 463-33175).
Please submit your application, including CV, description of your scientific career, lists of third-party funding received and teaching activities, teaching evaluation results of the last three years, description of future research and teaching concept, list of publications, copies of the 5 most important publications as well as a certified copy of your highest academic degree as hard copy to TU Dresden, Dekan der Fakultät Umweltwissenschaften, Herrn Prof. Dr. rer. nat. Lars Bernard, Helmholtzstr. 10, 01069 Dresden, Germany and in electronic form via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single PDF-document to the Dean's Office dekanat.uw@tu-dresden.de. Application deadline is 31.01.2020 (stamped arrival date of the university central mail service applies).

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis