As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

The Faculty of Mathematics, Informatics and Natural Sciences, Department of Biology, Institute of Wood Science invites applications for a

**RESEARCH ASSOCIATE (POSTDOC) ON TRAIT-BASED FOREST ECODYOLOGY**

- **SALARY LEVEL 13 TV-L** -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on the earliest possible date.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of three years. The position calls for 39 hours per week. This position is also suitable for part time employment.

**RESPONSIBILITIES:**
Duties primarily include teaching and research. Research associates may also pursue independent research and further academic qualifications.

**SPECIFIC DUTIES:**

- Compile a trait dataset on leaf and lower-order root traits from tree diversity experiments and diverse forest stands around the globe, with a specific focus on architectural, dynamic, and physiological traits
- Explore the role of the mycorrhizal association in the root economics spectrum of forest trees of different climate zones
- Identify phylogenetic constraints, trait networks, dimensionality, and biodiversity – root functioning relationships in root trait datasets with advanced statistical software (e.g. R, SPSS Amos, or similar)
- Develop a complementary, innovative research agenda with respect to functional trait analyses of forests and other ecosystems
- Teach at the bachelor and master level (4 teaching hours p/w)
- Write and publish scientific papers in peer-reviewed journals
- Present results at national and international conferences
REQUIREMENTS:

A university degree in a relevant subject plus doctorate. Strong skills in quantitative data analysis are a plus. Team-orientation and interest in conducting interdisciplinary research as well as being proactive. Willingness for field work and research stays abroad. Excellent German and English communication skills (spoken and written).

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact Prof. Dr. Ina Meier (ina.meier@uni-hamburg.de) or consult our website at https://www.biologie.uni-hamburg.de/forschung/oekologie-biologische-ressourcen/funktwaldekol.html.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 30.11.2020 to: ina.meier@uni-hamburg.de.

Please do not submit original documents as we are not able to return them. Any documents submitted will be destroyed after the application process has concluded.