PhD position (UNIVERSITÄT GRAZ)
Bewerbungsfrist: 31.08.2022

The Institute of Biology is looking for a Scientific project employee without doctorate (m/f/d) - 30 hours a week - temporary employment for 3 years and 3 months - position to be filled as of 15.09.2022

Based on the FWF-project “Biosphere-atmosphere interactions of cryptogamic communities at the Amazon Tall Tower Observatory (ATTO) and their relevance across spatial scales (CryptXchange)”, a doctoral student should develop a method to identify epiphytic mosses, lichens, and algae, which widely cover the bark of trees in the Amazon region. The study comprises field work at the Amazon Tall Tower Observatory (www.attoproject.org), during which the bark communities will be assessed by means of drone photography.

Your duties

• Completion of a PhD thesis in the field of Natural Sciences
• Participation in projects conducted by the research group on Functional Diversity & Ecology
• Development of digital identification tool for epiphytic communities, based on artificial intelligence and deep learning methods
• Analysis of the distribution patterns of the epiphytic organisms of ATTO
• Participation in research projects and their initiation
• Teaching courses and conduct examinations in German and English
• Student support and supervision
• Participation in organizational and administrative tasks as well as in evaluation measures

Your Profile

• Completed diploma or master's degree in the field of Natural Sciences
• Knowledge of English to Level C1 and at least basic knowledge of German
• Very good IT skills and experience of working with image analysis
• Knowledge on artificial intelligence and deep learning methods (desirable)
• Knowledge in computer programming (desirable)
• Knowledge of Portuguese (desirable)
• Ability for independent research work, also under tropical field conditions
• Highly committed and motivated approach to academic work
• Independent, goal-oriented approach to work
• Able to work in international and interdisciplinary teams

Our Offer: Minimum Salary

The minimum salary as stated in the collective agreement and according to the classification scheme is EUR 3,058,60 gross/month (for full-time employment). This minimum salary may be higher due to previous employment periods eligible for inclusion and other earnings and remunerations. We offer you a job with a lot of responsibility and variety. You can expect an enjoyable work climate, flexible work hours and numerous possibilities for further education and personal development. Take advantage of the chance to enter into a challenging work environment full of team spirit and enthusiasm for your job.

Application deadline: 31.08.2022

The University of Graz strives to increase the proportion of women in particular in management and faculty positions and therefore encourages qualified women to apply. Especially with regard to academic staff, we welcome applications from persons with disabilities who meet the requirements of the advertised position.

Applicants with proof of COVID-19 vaccination will be given preference if equally qualified. For further information, please refer to our general application regulations. For further information or questions, please contact: Univ.-Prof. Dr. Bettina Weber, bettina.weber@uni-graz.at

Applications are to be handed in via the following webpage: Universität Graz - Jobs (uni-graz.at)