

**Faculty of Environmental Sciences**

At the **Department of Geosciences, Institute of Geography**, the **Chair of Computational Landscape Ecology** offers a project position as

**Research Associate / Postdoc (m/f/x)**

(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting **as soon as possible** with 80% of the fulltime weekly hours and the option of increase. The position is limited until September 30, 2024. The period of employment is governed by § 2 (2) Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG).

The position is part of the research project *"ECO<sup>2</sup>SCAPE – Co-Design of Ecologically and Economically Efficient Policy Instruments and Measures for Conserving Biodiversity and Ecosystem Services in Cultural Landscapes"*, funded by the Federal Ministry of Education and Research within the Germany-wide Research Initiative for Biodiversity Conservation (FEaA). Together with farmers and local stakeholders in a model region in Saxony, ECO<sup>2</sup>SCAPE will develop novel agri-environmental measures and study their effects on biodiversity and ecosystem services using an innovative, systemic and transdisciplinary research approach. We seek a new colleague who would like to support this project with their work, contribute their own ideas and initiatives to the research project and who enjoys working in an open-minded, international and creative project team.

**Tasks:** Conducting biodiversity models (e.g. occupancy models) based on project data (e.g. bird surveys); development and implementation of landscape-scale models for allocating cooperative agri-environmental measures; active participation in the project consortium (including project meetings, data management, cooperation with researchers from the fields of computer science, environmental economics and political science); working on scientific publications and presenting research results at workshops and international conferences; project-related supervision of student assistants and final theses.

**Requirements:** university and, if applicable, PhD degree in ecology (or related) with a focus on biodiversity and conservation biology; excellent skills in biodiversity modelling; knowledge in handling spatial data (preferably in R); proficiency in spoken and written English; publication record in international peer-reviewed journals on topics related to this position; self-driven, flexible and result-oriented work ethic; above-average organizational and communication skills; a penchant for working closely with transdisciplinary project partners; class B driver's license (or EU equivalent). Ornithological knowledge is desirable. Knowledge of German is desirable but not mandatory.

**We offer:** An international working atmosphere; attractive working conditions and opportunities for further education at the Technische Universität Dresden; flexible working hours and the possibility to combine family and career. For questions, please contact: Dr. Jan Engler ([jan\\_oliver.engler@tu-dresden.de](mailto:jan_oliver.engler@tu-dresden.de)).

Applications from women are particularly welcome. The same applies to people with disabilities.

Please submit your comprehensive application (incl. letter of motivation, curriculum vitae, publication list, certificates and diplomas) with the reference "Wiss\_E2S" by **December 1, 2021** (stamped arrival date of the university central mail service applies) via the TU Dresden SecureMail Portal <https://securemail.tu-dresden.de/> as a single PDF document to [jan\\_oliver.engler@tu-dresden.de](mailto:jan_oliver.engler@tu-dresden.de) or by mail to: **TU Dresden, Fakultät Umweltwissenschaften, Fachrichtung Geowissenschaften, Institut für Geographie, Professur für Modellbasierte Landschaftsökologie, z. Hd. Dr. Jan O. Engler, Helmholtzstr. 10, 01069 Dresden**. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.