

The Landau Campus of the University of Koblenz-Landau and the Technical University of Kaiserslautern are merging to form a new technical university. We are already looking for you to help shape the start of our new university in 2023 at the Landau Campus. You can expect flat hierarchies, a modern infrastructure and family-friendly benefits. The Landau Campus and the Technical University of Kaiserslautern are already an attractive employer that offers its employees reliable future prospects.

As part of the research training group *SystemLink - Crossing boundaries: Propagation of in-stream environmental alterations to adjacent terrestrial ecosystems* funded by the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) – GRK2360 the **Department 7, iES Landau, Institute for Environmental Sciences, University Koblenz–Landau, Campus Landau, Germany** offers

12 doctoral research positions (PhD students) (m/f/d)

starting on 1 October 2022. The appointment will be limited to a time period of three years and subject to the German law on fixed-term contracts in science (WissZeitVG).

Main Tasks:

The 12 PhD researchers will work within small teams, yet together as an entire group on aquatic and terrestrial ecosystems. They will conduct experiments in unique aquatic-terrestrial mesocosm facilities combined with laboratory and field research, or develop and apply process-based environmental models. Most PhD projects will combine at least two of these approaches. Methods include molecular diagnostic tools (e.g. metabarcoding), food-web analysis (e.g. stable isotope analyses), advanced methods in soil physics and chemistry (e.g. NMR relaxometry, Lattice Boltzmann methods), trace chemical analytics (e.g. triple quad LC-MS/MS), greenhouse gases (GC-MS) or food-web and meta-ecosystem modelling. An individualized course program will complement the research work.

Requirements:

Successful candidates will hold a diploma or MSc in a relevant topic such as environmental sciences, ecology, biogeochemistry, physics, environmental modelling or similar. Fluent English talking and writing skills as well as solid background e.g. in analytical techniques, statistical approaches or experimental environmental sciences are required. A strong motivation to work in teams, to publish research articles, and to finish a PhD thesis within three years is needed.

We offer:

- Interesting tasks in a varied area of work
- A motivated team in a pleasant working atmosphere
- Salary will be according to the German public service salary scale TV-L E 13 (65% of a full-time deployment, gross salary approx 30 k € p.a.)
- Benefits from the pension provision of the public sector (VBL).

Women with equivalent suitability, competence and professional performance will have preference for employment as far as and for as long as an underrepresentation is given. This is not the case if there are such serious reasons of an applicant that are above the principle of equality of women.

Applicants with disabilities who have the same qualifications will have preference (please attach a proof).

For further details on the announced positions and on the application procedure please see www.systemlink.uni-landau.de or contact the speaker of SystemLink Prof. Dr. Ralf Schulz (schulz@uni-landau.de).

Please send your application specifying for which PhD position you apply (including a 1-page letter of motivation, a complete curriculum vitae including copies of certificates, a list of publications/presentations and a reference letter from a mentor) before 28. February 2022 via email in a single pdf document to referat-L21@uni-landau.de. Please make sure to mention your name and the **reference number 05/2022** in the subject line of the e-mail. Potential candidates shall be prepared to participate in a three-day workshop online or in Landau.

By submitting your application form, you agree to the internal processing of your data for official purposes in accordance with the privacy protection regulations. We do not send an acknowledgment of receipt. You will receive information about the result of your candidature. Data destruction after the conclusion of the selection procedure is assured.