

## Postdoc Position (m/f/d)

Reference number: L 15 32 01 24

**Duration**

4.5 years

**Start:**

01.04.2024

**Place:**

Landau in der Pfalz

**Position:**

100%

**Salary:**

Pay group: 13 TV-L

**Faculty:**

Institute for Environmental  
Sciences; Research Training  
Group SystemLink

The University of Kaiserslautern-Landau (RPTU) is the only technical university in Rhineland-Palatinate with over 20,000 students, more than 300 professorships and around 160 degree programs. As a place of top international research, it offers excellent working conditions and career opportunities. Those who learn, research or work at RPTU experience a cosmopolitan environment and shape the future.

**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 iES Landau, Institute for Environmental Sciences, University Kaiserslautern–Landau, Campus Landau, Germany offers a postdoctoral research position (Meta-Ecosystem Science) for 4.5 years from 01.04.2024 (gross salary approx. 52 k € p.a.; 13 TV-L 100%).**

**Streams are hotspots of ecological and biogeochemical processes, but are strongly influenced by humans. In SystemLink, we focus on the propagation of the responses to anthropogenic stressors from aquatic to terrestrial ecosystems. We study how micropollutants and invasive species affect riparian ecosystems through abiotic (flooding and sedimentation) and biotic processes (insect and amphibian emergence).**

**Tasks:**

The focus will be on all compartments of the ecosystems, including water bodies, soils and aboveground food webs.

The postdoctoral researcher will have a central role in the research conducted within the 2nd phase of SystemLink. He/she will be involved in planning and conceptualizing a large field study and will be included directly in the supervision of at least one of the 14 PhD projects of the 3rd cohort starting in 2025, which deals with biological pollutant transfer across ecosystem boundaries. The candidate will take responsibility in integrating results from the various PhD projects as well as the literature to test ecological hypotheses and support the development of theories. It is expected that he/she will establish an own research profile related to the overarching topic of SystemLink and we will provide the necessary support to build a successful career in environmental research. The position is temporary in line with the applicable German Law (WissZeitVG).

**Requirements:**

- Successful candidates will hold a PhD in a relevant topic such as environmental sciences, ecology, biogeochemistry, physics, environmental modelling or similar.



- Proficient English language skills in oral and in writing as well as solid background e.g. in theoretical ecology, stable isotope or trace chemical analysis, statistical approaches or experimental environmental sciences are required.
- A strong motivation to work in a large research group is essential.

Please send your applications (1 pdf file, max 10 MB), with a 1-page letter of motivation, a reference letter from a mentor, degree certificates, a CV and a list of publications/ presentations.

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Naherholung im Pfälzerwald

RPTU stands for the diversity of all employees. We welcome applications from all interested parties, regardless of their nationality, ethnic and social origin, age, religion, gender, disability and sexual orientation or identity. Severely disabled persons and persons with equal status to them will be given preference in the case of appropriate qualifications and suitability (please include proof of severe disability/equal status with your application).

The RPTU strives to increase the proportion of women in areas where women are underrepresented. Applications from female and male scientists from abroad are strongly encouraged.

The position is subject to the German law on fixed-term contracts in science.

#### Your application:

We look forward to receiving your meaningful application (1-page letter of motivation, a reference letter from a mentor, degree certificates, a CV and a list of publications/presentations) by 15.02.2024 at the latest.

Please submit your application via our application portal (<https://rptu.de/ueber-die-rptu/rptu-als-arbeitgeberin/stellenangebote-und-karriere>).

If you have any technical questions, please contact Prof. Dr. Ralf Schulz (Tel.: 06341 280 31327, e-mail: [r.schulz@rptu.de](mailto:r.schulz@rptu.de)).