



UNIVERSITÄT KOBLENZ · LANDAU

Aquatic-terrestrial interfaces under anthropogenic stress

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 Koblenz–Landau, Campus Landau, Germany offers

1 postdoctoral research position (Meta-Ecosystem Science)

for 4.5 years from 01.10.2019 (gross salary approx. 46 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). 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 SystemLink. He/she will be involved in planning and conceptualizing the work conducted and will be included directly in the supervision of at least one of the 12 PhD projects, 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), but may be extended to a total duration of nine years.

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.

It is the policy of the University Koblenz-Landau to increase the percentage of female research staff. If equally qualified, preference will be given to female applicants. Disabled candidates are given priority, if equally qualified.

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 **until 03 September 2019** via email to bewerbung@uni-koblenz-landau.de. Please make sure to mention your **name and the reference number 87/2019** in the subject line of the email. It is advisable to consult the project webpage (www.systemlink.uni-landau.de) or contact the speaker of SystemLink Prof. Dr. Ralf Schulz (schulz@uni-landau.de) before filing the application.

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.

www.uni-ko-ld.de/karriere