



# UNIVERSITÄT KOBLENZ · LANDAU

The **Faculty 7: Natural and Environmental Sciences** at the University of Koblenz-Landau invites applications for a

## **Ph.D. (doctoral) position in aquatic ecology (60% TV-L E13)**

at the **Institute for Environmental Sciences** at the **Campus Landau, Germany**. The successful applicant will work in a young and interdisciplinary junior research group in the social-ecological research project SALIDRAA 2 funded by the German Ministry of Science and Education (BMBF). The group studies the impact of salinization and climate change in the Draa watershed in Morocco on biodiversity, ecosystem functions and services, and will develop related solutions and examine the potential for a transformation to sustainability. The appointment is for **4 years** (beginning in June 2019, continuation beyond March 2020 subject to a milestone evaluation of the project) and salary will be according to the German public service salary scale TV-L E13.

### **Main tasks:**

The applicant will study the impact of salinization and related stressors (i.e. flow modifications, fragmentation, water abstraction) on secondary biomass production and trophic interactions in an intermittent desert river. He or she will work in a large team of river ecologists and use modern genetic tools (DNA barcoding and metabarcoding) to address both fundamental and applied questions in food web ecology and in biomonitoring. He or she will spend considerable time working in the field in Morocco as well as in the laboratory, where he/she will be involved in invertebrate identification, water quality analysis and preparation of DNA analysis. Together with other ecologists, environmental economists and social geographers he or she must be willing to work conceptually and practically on linking ecological changes to ecosystem service delivery.

### **Requirements:**

The successful candidate holds a M.Sc. degree (or equivalent) in biology, ecology, environmental sciences or related fields. He or she should have experience in laboratory as well as field work and must be willing to engage in interdisciplinary collaboration and team work both conceptually and in the field. Fluency in English is required, good language skills in French or Arabic are advantageous. The applicant must be willing to spend considerable time in Germany as well as in Morocco and hold a drivers license.

Please contact **Dr. Elisabeth Berger** ([berger@uni-landau.de](mailto:berger@uni-landau.de)) for further information.

It is the policy of the University Koblenz-Landau to increase the percentage of female employees. If equally qualified, preference will be given to female applicants in fields where they are underrepresented. Disabled candidates are given priority, if equally qualified (please attach a proof and make it visible in your application). International candidates are highly encouraged to apply.

Applications should include a letter of motivation, a complete curriculum vitae and a letter of recommendation from a referee. Please send your application, quoting the reference number **40/2019 before 23.04.2019 via email in a single pdf document to [bewerbung@uni-koblenz-landau.de](mailto:bewerbung@uni-koblenz-landau.de)** .

We do not send a confirmation of receipt. In accordance to the protection of data privacy all documents will be destroyed after the application procedure.

[www.uni-koblenz-landau.de/uni/stellen](http://www.uni-koblenz-landau.de/uni/stellen)