



# 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 Ecosystem Service Assessment in the Draa watershed in Morocco (60% TV-L E13)**

at the **Institute for Environmental Sciences** at the **Campus Landau, Germany**. The successful applicant will work in a new interdisciplinary junior research group in the transdisciplinary, social-ecological research project SALIDRAA 2 funded by the German Ministry of Science and Education (BMBF). This group deals with the problem of salinization of the Draa watershed in Morocco, its effects on biodiversity and ecosystem services and the potential of system transformation. 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 further develop conceptual models for the assessment and economic valuation of ecosystem services related to water and biodiversity in the Draa watershed in Morocco and apply them in an empirical survey in the field. Ecosystem service assessment shall be derived from ecosystem functions and be based on multicriteria analysis (biophysical, qualitative and monetary as well as non-monetary quantitative units). Links between ecosystem characteristics, processes, functions and services shall be statistically analyzed via suitable indicator systems. Together with the interdisciplinary team the applicant shall engage in stakeholder involvement, develop recommendations for transforming the socio-ecological system of water use and test new instruments or policies with practice and institutional stakeholders.

### **Requirements:**

The successful candidate holds a M.Sc. degree (or equivalent) in economics or related fields with a focus on the environment and resources. He or she 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 and/or Arabic are advantageous. The applicant must be willing to spend considerable time in Germany as well as in Morocco.

Please contact **Prof. Dr. Oliver Frör** ([froer@uni-landau.de](mailto:froer@uni-landau.de)) or **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 **39/2019 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)