



UNIVERSITÄT KOBLENZ · LANDAU

The **Institute for Environmental Sciences at the University of Koblenz-Landau, Campus Landau** is inviting applications for a

PhD Position in Biogeochemistry / Physical Limnology (75%)

It is limited to a time period of three years and subject to the German law on fixed-term contracts in science (WissZeitVG). Salary will be according to the German public service salary scale TV-L EGr. 13.

Topic:

The position is assigned to Prof. Dr. Andreas Lorke, Environmental Physics Group (www.uphysik.uni-landau.de) at the Campus Landau. The PhD project ("Flow-Methane") will explore the role of flow velocity on the production and emission of the potent greenhouse gas methane from aquatic ecosystems. A novel experimental mesocosm system will be developed to study these processes in a series of targeted laboratory experiments. The experiments aim to detangle the effects of flow velocity from other processes that contribute to the overall methane budget in the sediment and at the sediment-water interface. The results will be implemented into a process-based model.

Your profile:

- Master of Science (or equivalent) in Physics, Biogeochemistry, Environmental Sciences or other relevant fields
- Strong interest and profound knowledge in fluid dynamics, aquatic biogeochemistry and process-based modeling
- Capability of conducting independent research, excellent skills in English language and scientific writing

We offer:

- A three year contract in a fully funded research project
- Excellent interdisciplinary support, international collaborations and access to state-of-the-art research facilities and instrumentation
- The place of work will be the Institute for Environmental Sciences Landau, a friendly and international working environment within a region of high living quality

Please contact Prof. Dr. Andreas Lorke (lorke@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). International candidates are highly encouraged to apply.

Applicants are requested to send a letter of motivation, a complete curriculum vitae, a letter of recommendation from a referee and copies of relevant certificates. Please send your application, quoting the **reference number 87/2018**, **before 30.09.2018** by e-Mail in a single PDF file to **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-ko-ld.de/karriere