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

**Scientist position (m/f/d)**

at the **Institute for Environmental Sciences** at the **Campus Landau/Pfalz, Germany**. The position starts on 1st December 2019 and is limited until 31 March 2021. A later starting date is possible. The position is subject to the German law on fixed-term contracts in science. Salary will be according to the German public service salary scale (Entgeltgruppe) 13 TV-L (75 % part time position). The position will be associated with the Environmental Physics Group (www.uphysik.uni-landau.de) at the Campus Landau (Prof. Dr. Andreas Lorke,).

**Topic:**
In a cooperative research project funded by the German Federal Environmental Foundation, we will test a novel approach for reducing emissions of the greenhouse gas methane from manmade aquatic ecosystems. The successful applicant is expected to conduct field surveys to quantify methane emissions from a reservoir before, during and after sediment dredging. Emission measurements include all relevant flux paths, including diffusive transport across the air-water interface, rising gas bubbles and emissions at hydraulic structures. The data will be analyzed in respect to environmental drivers of methane emissions and in relation to sediment management measures, which will be performed during the sampling period by our cooperation partners. Project results will be published in a peer-reviewed scientific journal.

**Your profile:**
- Master degree in Physics, Biogeochemistry, Environmental Sciences, Engineering or other relevant fields
- Profound theoretical knowledge on methane dynamics and practical experience in methane flux measurements in aquatic environments (e.g., flux chambers, bubble traps, echo sounder)
- Capability of conducting independent research, excellent skills in English language and scientific writing

**We offer:**
- Participation in a fully funded collaborative research project
- Excellent interdisciplinary support, national and 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.

Women with equivalent suitability, competence and professional performance will have preference for employment as far as and for as long as an underrepresentation exists. This is not the case if there are such serious reasons of an applicant that are above the principle of equality of women. Applicants with disabilities who have the same qualifications will have preference (please attach a proof).

Applicants are requested to send a letter of motivation, a complete curriculum vitae and copies of relevant certificates. Please send your application **before 13 November, 2019** by e-mail in a single PDF file to bewerbung@uni-koblenz-landau.de. Please make sure to mention your name and the reference number 119/2019 in the subject line of the E-mail.

We do not send an acknowledgement of receipt. You will receive information about the result of your candidature. Date destruction after the conclusion of the selection procedure is assured.

[www.uni-ko-ld.de/karriere](http://www.uni-ko-ld.de/karriere)