

PhD position (UNIVERSITÄT KONSTANZ)

Bewerbungsfrist: 20.03.2017

The University of Konstanz, with its “Institutional Strategy to promote Top-Level Research”, has been receiving continuous funding since 2007 within the framework of the Excellence Initiative by the German Federal and State Governments.

The *Limnological Institute* at the University of Konstanz is one of the leading institutes in lake research in Europe that offers excellent research facilities and an open collaborative atmosphere. We invite applications for a **PhD-Position in Ecological Modelling in Lakes (Salary Scale 13 TV-L / 75%)**

as part of the Research Training Group (RTG). The successful candidate will play a central role in the project: A4 - Spatiotemporal changes in phytoplankton and macrophyte distribution and community structure along trophic gradients. The project utilizes numerical modelling in combination with existing long-term data sets and paleo-limnologic data to investigate consequences of nutrient gradients and trophic change for the spatial distribution and abundance of phytoplankton in Lower Lake Constance.

Your profile:

The successful candidate holds a Master degree in lake physics, oceanography, environmental engineering, bioinformatics or mathematics. Expertise in the field of numerical modelling of lake ecosystems, experience with hydrodynamic or ecological models, and experience in the analysis of large data sets (time series analysis), e.g. with Matlab or R are assets. Further requirements include the capability of conducting independent research, scientific writing, and good communication skills in English. Proficiency in German is not required but preferable.

We offer:

The appointment is for 36 months. The position will start as soon as possible. The candidate will work within an interdisciplinary team of researchers at the Limnological Institute in Konstanz.

The University of Konstanz encourages disabled persons to apply. They will be given preference if appropriately qualified (contact + 49 7531 / 88 – 4016).

The University of Konstanz is an equal opportunity employer that tries to increase the number of women in research and teaching.

The University of Konstanz is committed to further the compatibility of work and family life.

The University of Konstanz offers a „Dual Career Couples Program“. Information can be obtained from: <http://www.uni-konstanz.de/dcc> .

Applications should include a letter of motivation, a complete CV including a list of publications and the names and contact information of two referees (incl. one letter of recommendation). All application documents should be assembled in a single PDF file and sent to Dr. H. Hofmann at hilmar.hofmann@uni-konstanz.de using the **reference number 2017 / 043**. Review of the applications will begin on **20 March 2017** and will continue until the position is filled.

For further enquiries please contact Dr. H. Hofmann at hilmar.hofmann@uni-konstanz.de . Information on the research group: <https://www.limnologie.uni-konstanz.de/en/peeters/> and the RTG: <https://www.rtg-resilience.uni-konstanz.de/>.