The Research Training Group "R3 – Responses to biotic and abiotic
changes, Resilience and Reversi-bility of lake ecosystems" funded by the
Deutsche Forschungsgemeinschaft (DFG) and based at the University of
Konstanz welcomes applications for up to
15 PhD Positions (Salary Scale 13 TV-L / 65 % - 75 %)
for a three-year structured program. The RTG will start on 1 April 2017.
The scientific goal of this RTG is to study the mechanism resulting in
the resilience of lake ecosystems to environmental change.

Our approach is to study the response of a model system – Lake Constance
– with a multitude of different approaches and from different
viewpoints, i.e., combining classical and novel methods such as
population genomics and metagenomics approaches, metabolic profiling,
compound-specific stable-isotope analyses, comparative multi-species
experiments, paleo-limnological and resurrection ecology approaches,
time-series analyses, and numerical simulation models. The RTG will use
these methods to study lake responses in three tightly linked research
areas:
Response, resilience and reversibility of ecosystem structure,
Response, resilience and reversibility of biotic interactions
Response, resilience and reversibility of carbon and nutrient flows

We offer a structured doctoral qualification programme combining a
mentoring program, specific lectures on research and applied questions
in ecology and limnology, a seminar and visiting program among students,
flexible one-week courses, transferable skills courses, visits by guest
researchers, and annual retreats. Furthermore you can expect a highly
stimulating research environment.

Further information about the Doctoral positions, and the scientists
involved can be found at: https://urldefense.proofpoint.com/v2/url?u=http-3A__www.rtg-2Dresilience.uni-2Dkonstanz.de&d=CwIF-g&c=Ngd-
ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=EhxgNSe6bB9wvkXeFm08_kQpvRASXqy4hB_G9fd0Rmw&s=FVYXRjzoSerNCnm0u992WfAAfqF5RuxKOWIvsrAd4aw&e=