



The Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB) is the largest freshwater ecology research institute in Germany. It is a member of the Forschungsverbund Berlin e.V. and the Leibniz-Association (www.wgl.de). IGB offers excellent laboratory and field facilities for interdisciplinary research, large-scale experimental facilities, and long-term research programs and data sets.

The project **CONNECT – Connectivity and synchronisation of lake ecosystems in space and time**, funded by the Leibniz Association within the funding line “Collaborative Excellence”, will establish a collaborative network between experts in freshwater ecology and remote sensing (RS) to study connectivity and coherence of lake ecosystems in a regional context at unprecedented temporal and spatial resolution. This research frontier will be challenged by an innovative combination of automatic high-frequency *in situ* measurements with state of the art near-to far RS technology. CONNECT will provide data of unsurpassed spatio-temporal coverage, needed to understand and manage river-connected lake ecosystems in times of climate change, which – by changes in hydrology – will affect their connectivity.

As part of the project **CONNECT**, we offer a

Postdoc Position

on ***in-situ* measurements of biological, chemical and physical water parameters**. The Postdoc will be responsible for deployment of **high-frequency *in-situ* measurement systems** and analysis of water chemistry. The postdoc will also be responsible for coordination of an experiment on lake connectivity to be conducted in the IGB-LakeLab large-scale mesocosm facility (<http://www.lake-lab.de>), in close collaboration with the CONNECT team. The Postdoc will further be involved in the conduction of field campaigns on monitoring lake chain systems in the Berlin-Brandenburg area where near and far remote sensing tools will be combined with *in situ* measurements. The PostDoc will work in close collaboration with IOW¹, HZG² and TUM³.

For further information, contact **Stella Berger** (berger@igb-berlin.de) and **Jens Nejtgaard** (nejtgaard@igb-berlin.de).

We are seeking to recruit outstanding scientists to establish an innovative research program with high international visibility. Competitive applicants will hold a **PhD in biology / chemistry** with a **strong background in one or more of the topics biogeochemistry, plankton ecology, chemical limnology or marine biology**. The successful candidate is expected to have research or practical experience relevant for conducting experimental mesocom studies, deploying *in-situ* instrumentation, and conducting aquatic chemical analyses. Knowledge in remote sensing based methods are desirable but not requested. The position is available for 30 months and will start in June 2018. The position will be based at the department “Experimental Limnology” in Neuglobsow, Germany. Salary is paid according to the TVöD (100 % position). In keeping with the IGB's policy regarding gender equality, female applicants are particularly encouraged. Severely disabled applicants with equal qualification and aptitude are given preferential consideration. Please upload complete application documents as a single pdf-file including CV, a letter of motivation, copies of relevant degrees and contact details of two referees as soon as possible, but no later than **March 30th, 2018**, via the IGB's (<http://www.igb-berlin.de/en/jobs>) online job-application facility (button “Apply online”).

1 Institute of Baltic Research, 2 Helmholtz Centre Geesthacht, 3 Technical University Munich