

**From:** Robert Arlinghaus  
**Subject:** Aquatic PhD in Berlin: Recreational Ecology of Recreational Fisheries

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The Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB, [www.igb-berlin.de](http://www.igb-berlin.de)) is the largest German institute dealing with freshwater ecology and inland fisheries. It is a member of the Forschungsverbund Berlin e.V. (FVB, [www.fv-berlin.de](http://www.fv-berlin.de)) and the Leibniz-Association ([www.wgl.de](http://www.wgl.de)). The FVB manages 8 large research institutes in Berlin that have close links to all three universities in the German capital. IGB offers excellent laboratory and field facilities for interdisciplinary research, large-scale experimental facilities, and long-term research programs and data sets.

Pending final approval of a third-party funded research and development (R+D) project, IGB invites applications for a position as

## **Doctoral student (m/f) in recreational disturbance ecology and management with a focus on recreational fisheries and aquatic biodiversity .**

The position is available from **April, 1, 2018** in the research group of Prof. Dr. Robert Arlinghaus ([www.ifishman.de](http://www.ifishman.de)) and limited to 3 years.

### **Duties and responsibilities**

- Statistical meta-analysis of ecological effects of water-based recreation on aquatic biodiversity
- Assessment of recreational use and multivariate analysis of environmental and recreational variables on aquatic biodiversity in angler-managed gravel pits
- Document analysis of public approval and planning processes in relation to the recreational use and management of gravel pits in a multi-use and multi-objective context
- Derivation of scientifically supported management recommendations for managing the interface of fisheries management, recreation and nature conservation in close collaboration with other scientists in sister projects, particularly of the Baggersee project ([www.baggersee-forschung.de](http://www.baggersee-forschung.de)), and representatives from collaborating angler associations.
- Presenting of scientific data nationally and internationally as well as crafting of peer-reviewed and popular scientific articles

### **Requirements**

- M.Sc. or Diploma in fisheries science, limnology, nature conservation, environmental science, sustainability science, political ecology or a related degree
- Taxonomic and ecological knowledge of at least two water-based taxa of conservation value (either fish, macrophytes, dragonflies, amphibians, waterfowl or other terrestrial birds/plants commonly found close to shorelines)
- Biostatistical skills well beyond a standard t-test
- High motivation of conducting interdisciplinary work and achieved applied outcomes
- Ability to work in a team as well as independently
- High communicative abilities (verbal, written)
- Driving license and ability for prolonged field work in Lower Saxony
- Proven ability to produce scientific publications and German language skills are major benefits.

The successful candidate will be included in an interdisciplinary, social-ecological working group at the interface of applied and fundamental fish, fisheries and conservation science, and will closely work with members of the group (see [www.ifishman.de](http://www.ifishman.de) for details). The work shall result in a dissertation at Humboldt-Universität zu Berlin under supervision by Prof. Dr. Robert Arlinghaus. Salary is paid according to the TVöD (66% of a full salary, which is the suggested salary by the German Science Foundation for doctoral students in Germany). 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.

Enquiries or questions should be directed to **Prof. Dr. Robert Arlinghaus** (+4930/64181-653, [arlinghaus@igb-berlin.de](mailto:arlinghaus@igb-berlin.de)).

Please upload complete application documents as a [single pdf-file](#) including a one-page max cover letter, a two-page max statement of research interests, CV, copies of publications (if available) or the master thesis, copies of relevant degrees and contact details of two referees as soon as possible but no later than **January, 31, 2018** via IGB's ([www.igb-berlin.de/job-offers.html](http://www.igb-berlin.de/job-offers.html)) online job-application facility (button "Apply online"). Failing to submit the materials as a single PDF results in immediate exclusion from the competition.

Prof. Dr. Robert Arlinghaus  
Fisheries Professor @ Leibniz-Institute of Freshwater Ecology and Inland Fisheries & Humboldt-Universität zu Berlin

#### **What we do and have to say**

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#### **Publications**

[Research Gate](#)

[Google Scholar Profile](#)

#### **60 min documentary**

[Besatzfisch Film \(German\)](#)

[Besatzfisch Movie \(English\)](#)

#### **Key projects**

[Baggersee](#)

[Impress](#)

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