



## Postdoc position in Environment/Development Economics

Applications are invited for a full-time post-doctoral researcher position at the Department of Economics at Heidelberg University. The postdoc will be affiliated with the Research Center for Environmental Economics and carry out and publish research on the economics of vulnerable resource systems and livelihoods, using the Lake Victoria Nile perch fishery as the real-world context and application. The position is funded by the Federal Ministry of Education and Research as part of the MultiTip project and is for the full project duration of 3 years, with a possibility that the sponsor will extend funding for an additional 3 years. The intended start date is March 1, 2019.

This is an exciting opportunity to work as part of an interdisciplinary research team. In MultiTip, economists, psychologists, mathematical modelers, and fisheries experts join forces to investigate how economic, institutional, and cognitive drivers could conspire to cause the long-term irreversible collapse of the Lake Victoria Nile perch fishery, a backbone of local livelihoods. Working empirically and experimentally, conducting field interventions, and integrating the results through analytical and agent-based modelling, the partners will together extend the knowledge base for a better understanding of the coupled socio-ecological system of the Nile perch fishery and for averting deleterious outcomes. The projects and its insights also inform future research into tipping points in other heavily exploited socio-ecological systems. A team of five world-leading external experts have agreed to serve on the advisory board.

You will conduct, together with the principal investigators and guided by a distinguished panel of experts, pioneering research on the determinants of successful renewable resource management. As a research economist, you will have the opportunity to work with a wide array of external, international partners.

### Tasks

- Composition and publishing of high-quality academic papers on project results
- Econometric analysis of existing economic and fisheries data
- Co-design, implementation, and evaluation of field interventions in a developing country
- Integration of econometric and experimental results into agent-based model
- Collaboration with project researchers
- Liaising with local partners and advisory board
- Management of research assistants in the field
- Contributions to management, communication, and dissemination
- Proposal and project report writing



## Qualifications

Candidates should have, or be about to receive, a PhD in Economics, be enthusiastic about intellectual challenges in desk and field research, and

- Possess demonstrable experience in conducting, analyzing, and interpreting economic data using micro-econometric methods in an environmental or development economics context;
- Possess demonstrable experience in designing, executing, and analyzing laboratory and/or field experiments;
- Have commitment to and, ideally, demonstrable experience with fieldwork in a developing country, esp. East Africa;
- Have, ideally, research experience in the field of dynamic systems modeling;
- Have excellent command of English. A working knowledge of Swahili would be a plus.

Remuneration is according to the TVL-13 scale.

The closing date for application is October 21<sup>st</sup>. To apply, send a letter of motivation, a current CV, two letters of recommendation, and a writing sample as a single pdf-file to [office@eco.uni-heidelberg.de](mailto:office@eco.uni-heidelberg.de).

For informal inquiries, contact Prof. Timo Goeschl at [goeschl@uni-heidelberg.de](mailto:goeschl@uni-heidelberg.de).