



The **Department Aquatic Ecotoxicology** (Prof. Dr. Jörg Oehlmann) at the **Institute of Ecology, Evolution and Diversity**, Faculty of Biosciences at Goethe University Frankfurt am Main is awarding a

**PhD scholarship  
(job code KWH 2021-01)**

from **October 10, 2021** for a period of three years. The financial support of the scholarship comprises 1,450 euros per month. Within the grant, a project on the dynamics of substances in small agricultural streams situated in an intensively farmed region (Wetterau, Hesse) is to be continued for the Competence Center Water Hesse, and a sufficient data basis for the assessment of the importance of different pesticide dynamics for the aquatic biocoenosis will be created. For this purpose, the effects of episodic heavy rain events resulting in high-peak pesticide loads due to *run-off* and intervening recovery periods on the stream biocoenosis will be investigated. In addition to field studies, experiments in complex laboratory mesocosms are in the focus of the project.

**Your tasks**

- Planning and conducting single substance tests with pesticides and representatives of the aquatic biocoenosis as well as complex stream channel experiments.
- Analysis of extensive data (biotic and abiotic)
- Writing (English language) publications and reports
- Presentation of results at conferences

**Your profile**

- Very good Diploma or Master's degree in environmental science, biology or related fields with a focus on aquatic ecotoxicology.
- High interest in working in transdisciplinary collaboration between experts in ecotoxicology and freshwater ecology.
- Good communication and writing skills in German and English are essential.
- Important personal qualities are to be creative, good at problem-solving, a team-worker, independent, resilient, and structured.
- Prior experience with statistical techniques would be advantageous.
- Class B driver's license.

**Applications** are to be sent to [oetken@bio.uni-frankfurt.de](mailto:oetken@bio.uni-frankfurt.de) (Dr. Matthias Oetken, Institute of Ecology, Evolution and Diversity of the Faculty of Biosciences at Goethe University) with reference to job code KWH 2021-01 summarised in a single PDF file by **July 16, 2021** with the usual documents (CV, important certificates) and details of two references. Please contact Dr. Matthias Oetken for further information.