

Eawag, the Swiss Federal Institute of Aquatic Science and Technology, is an internationally networked aquatic research institute within the ETH Domain (Swiss Federal Institutes of Technology). Eawag conducts research, education and expert consulting to achieve the dual goals of meeting direct human needs for water and maintaining the function and integrity of aquatic ecosystems.

The Department of Environmental Toxicology (Utox) has a vacancy for a

PhD Position in Microbial Community Ecotoxicology

The position is part of our research on stream biofilms. The aim of the project is to investigate how diatom species that compose biofilms respond to pesticide pollution in Swiss watercourses and to identify taxa that are specifically sensitive or tolerant to these pesticides. Ultimately, these taxa will be used to develop a specific diatom index for pesticides that can be implemented in practice for evaluating the ecological status of streams. These questions will be addressed by combining experimental channel studies under controlled conditions, field surveys and computational modelling approaches.

We are looking for a motivated candidate with a master in environmental toxicology, ecology, microbiology or similar. Prior experience in working with microbial communities and/or phototrophic organisms would be a valuable asset. We offer a very dynamic and collaborative research environment, which profits from state-of-the-art infrastructure and support. This project is a collaborative effort between the Departments of Environmental Toxicology and Systems Analysis, Integrated Assessment and Modelling with funding provided by the Swiss Federal Office for the Environment.

Eawag is a modern employer and offers an excellent working environment where staff can contribute their strengths, experience and ways of thinking. We promote gender equality and are committed to staff diversity and inclusion. The compatibility of career and family is of central importance to us. For more information about Eawag and our work conditions please consult www.eawag.ch and www.eawag.ch/en/aboutus/working/employment.

Applications must be submitted by 20 May 2021 and should include an application letter describing your interests and their relevance to this position, a CV and list of publications (if applicable), and the names and contact information for two references.

For further information, please contact [Dr Ahmed Tlili](#) or [Dr Nele Schuwirth](#)

We look forward to receiving your application. Please send it through this webpage, any other way of applying will not be considered. A click on the link below will take you directly to the application form.

Applications from employment agencies/personnel consultants are not welcome and will not be considered.

<https://apply.refline.ch/673277/0843/pub/1/index.html>