

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.

To strengthen our research efforts toward a mechanistic understanding of the complex interactions of environmental stressors with aquatic organisms, the Department of Environmental Toxicology (Utox) invites applications for a

Tenure Track Group Leader Position in Systems Biology for Aquatic Toxicology

We are seeking applications from excellent scientists with a strong record of accomplishment to establish an innovative, independent research program with a clear vision to advance aquatic toxicology by applying systems biology.

To establish a group with high international visibility, the candidate should have:

- detailed knowledge and a research portfolio in systems biology
- a deep interest in working together with experimentalists and computational scientists to advance theory, experimentation and interpretation of experimental results and develop respective models
- a passion to collaborate in multidisciplinary research teams with the aim to improve our understanding of stressor impacts on aquatic ecosystems at various levels of biological organization and to develop and maintain a research network with external partners
- a motivation to participate in applied research with links to practice including engagement with relevant stakeholders

Candidates with a solid background in systems biology are invited to apply (PhD in e.g., systems biology, engineering, physics, biomathematics/statistics, or in environmental science with emphasis on biological systems modeling). The successful candidate is expected to acquire third party funding, with the support of the Department, recruit PhD and Master's students, and contribute to Eawag's mandate in teaching and expert consulting. Excellent communication in English and teamwork skills are essential. This position is tenure track - successful conclusion of the tenure track will lead to a permanent group leader position at Eawag.

The Department of Environmental Toxicology (Utox) offers an exciting and stimulating research environment and excellent opportunities for collaborative research. The group leader position is embedded in Eawag's on-going and expanding modelling activities, such as those pursued in the Department of Systems Analysis, Integrated Assessment and Modeling.

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 [Eawag](#) and www.eawag.ch/en/aboutus/working/employment.

Applications should be submitted by 30 November 2021 and should include a cover letter, a research statement (max. 3 pages) describing your interests and their relevance to this position, a CV and list of publications, and the names and contact information for three references.

For further information, please contact [Prof. Dr Kristin Schirmer](#).

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.

<https://apply.refline.ch/673277/0880/pub/1/index.html>