



Scientific Assistant in Environmental Chemistry

[The Fenner Group](#) at the University of Zurich and Eawag is inviting applications for a scientific assistant position in Environmental Chemistry.

Project context

The recently communicated **Safe-and-Sustainable-by-Design (SSbD) framework** of the European Union aims to develop new chemicals in a way that they are inherently environmentally safe. Implementation of this goal requires appropriate methods for high-throughput assessment of key environmental hazards, including chemicals' persistence in the environment and their potential for causing (eco-)toxicological effects. You will support researchers to **develop automated, high-throughput assays** for persistence assessment.

Your tasks

- You will support researchers in developing miniaturized biodegradation assays and validate them against existing regulatory endpoint data on persistence
- You will apply the assays to a number of case study compounds
- You will assist with both routine data analysis and with the development of novel methods for high-throughput data analysis
- You will assist in the preparation of scientific reports, papers, and presentations

Your profile

- Master's degree in environmental sciences, chemistry, biochemistry, analytical chemistry or related fields
- Research experience with mass spectrometry
- Skills in data evaluation and modeling and/or laboratory automation are a plus
- Excellent interpersonal skills and oral/written communication skills (English required, German desirable)
- Motivation to work in an interdisciplinary team and across institutions

What we offer

You will be supervised by Kathrin Fenner, professor in Environmental Chemistry at the Chemistry Department of the University of Zurich and group leader at the Department of Environmental Chemistry at Eawag. Both Eawag and the University of Zurich are located within the Zürich metropolitan area.

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.

Place of work

[Eawag, Überlandstrasse 133, 8600 Dübendorf](#)



Start date

The employment start date is Spring, 2024.

We ask strongly motivated candidates to submit their applications containing a motivation letter with a description of pertinent experience and a CV (resumé) in a single pdf file.

Application process

Please email your application directly to Dr. Sarah Partanen, sarah.partanen@eawag.ch. The position will be filled as soon as we find a suitable candidate.

1. Escher, B.I., et al., *Modernizing persistence–bioaccumulation–toxicity (PBT) assessment with high throughput animal-free methods*. Archives of Toxicology, 2023. **97**(5): p. 1267-1283.