

Curriculum Vitae Thomas B. Hofstetter

Senior Scientist, PD Dr.

Personal Data

Born April 18, 1969 in Sao Paulo, Brasil, Swiss / Brazilian citizenship, married, 2 children
Work address Eawag, Department of Environmental Chemistry
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Publications [OrcID 0000-0003-1906-367X](#), [ResearcherID A-6262-2008](#), [Google Scholar](#)
Web [Research group webpage](#)

Education and Degrees

1989 - 1994 Diploma (M.Sc.) in Environmental Sciences, ETH Zürich,
1995 - 1999 Ph.D. in Environmental Chemistry (Prof. R. P. Schwarzenbach), ETH Zürich
2008 Venia Legendi (Habilitation) in Environmental Chemistry, ETH Zürich

Employment History

2023 - present Head of department, Eawag Dept. of Environmental Chemistry
2010 - 2023 Senior scientist/research group leader, Eawag, Dept. of Environmental Chemistry
2005 - 2009 Group leader Environmental Chemistry, ETH Zürich, Institute of Biogeochemistry and Pollutant Dynamics (Prof. R. P. Schwarzenbach)
2002 - 2004 Research scientist Contaminant Hydrology Group, Eawag, Department of Water Resources and Drinking Water
2002 - 2009 Oberassistent in the Environmental Chemistry Group, Eawag/ETH Zürich
2000 - 2002 Oberassistent, Safety and Environmental Technology Group, ETH Zürich, Dept. of Chemistry and Applied Biosciences (Prof. K. Hungerbühler),

Institutional Responsibilities

2009 - present Privatdozent (senior lecturer) at the Dept. of Environmental System Sciences, ETH Zürich, Institute of Biogeochemistry and Pollutant Dynamics
2016 - 2020 Associate editor *Environ. Sci. & Technol.*, American Chemical Society (ACS)
2003 - 2010 Lecturer at the Dept. of Environmental System Sciences
ETH Zürich, Major in Biogeochemistry and Pollutant Dynamics
2012 Guest Investigator, University of Minnesota/Civil and Environmental Engineering
2004 - 2005 Guest Investigator, Woods Hole Oceanographic Institution/ Marine Chemistry
2013 Guest Editor *Environ. Sci. & Technol.* focus issue, "R. P. Schwarzenbach Tribute"
2012 - 2016 Project leader Polish-Swiss Research Programme (PSRP 025-2010)
2009 - 2015 Steering committee member/ WP leader: EU FP7 ITN 264'329, EU FP7 CP 212'781
2008 Guest Editor *Environ. Sci. & Technol.* focus issue, "Stable Isotope Tools"
2000 - 2002 Project leader "Waste solvent management"
Swiss Fed. Office of Energy and Swiss Chemical Industry
2000 - 2002 Steering committee member "Ecoinvent2000" ETH domain and Swiss Fed. Office for Environment (BAFU)

Recent research projects

2024 - 2028 Assessment of Organic Soil and Water Contamination from Military Activities in Switzerland (PI), armasuisse S+T/Federal Office for Defence Procurement
2022 - 2026 Investigating the effect of environmental changes on microbial metabolism using oxygen isotopes in phosphate (Co-PI), Swiss NSF grant no. 205321-207503

Recent research projects (continued)

2024 GRC Environmental Science: Water (Co-PI), US-NSF award 2403800/US-NIEHS award PA-21-151

Professional Services

2020/2022/2024 (Vice-)Chair of the Gordon Research Conference “Environmental Science: Water”, Holderness NH, USA
2007/2017/2022 Organizer and co-organizer of various conferences on stable isotope tools including the 10th International Symposium on Isotopomers (ISI) and 12th Isotopes Conference, Dübendorf, Switzerland as well as two Mt. Verità conferences in Ascona, Switzerland
2013 - 2019 Scientific advisory boards of “Isotopes” Conferences in Raitenhaslach, Germany (2019); Jerusalem, Israel (2015); Sopot, Poland (2013)
2020 - present Member of the editorial advisory board of *ACS Environmental Au*, ACS
2014 - 2016 Member of the editorial advisory board of *Environ. Sci. & Technol.*, ACS
2012 - present External referee / committee member of PhD dissertations and evaluation of tenure files for various universities and research institutions
2010 - present Member of the Swiss Chemical Society, Geochemical Society
2006 - present Reviewer for national research funding agencies and professional organisations
2004 - present Reviewer for various scientific journals
2000 - present Member of the American Chemical Society, Environmental Chemistry/Geochemistry

PhD Student and Postdoc Supervision (last 5 years)

2024 - 2027	Postdoc	Cheng Shi
2023 - 2026	Postdoc	Enric Petrus
2021 - 2022	Postdoc	Christopher P. Sarnowski
2019 - 2020	Postdoc	Jagannath Biswakarma
2024 - 2028	Phd	Chloé Udressy, ETH Zürich (ongoing)
2022 - 2026	PhD	Nora Bernet, ETH Zürich (ongoing)
2022 - 2026	PhD	M. Elena Evertz, ETH Zürich (ongoing)
2019 - 2023	PhD	Katja Csizi, Dissertation ETH Zürich No. 29'220
2018 - 2022	PhD	Charlotte Bopp, Dissertation ETH Zürich No. 28'414
2017 - 2021	PhD	Pascal Wiesli, Dissertation ETH Zürich No. 28'501
2017 - 2021	PhD	Christoph Brunken, Dissertation ETH Zürich No. 27'258

Teaching Activities

2021 - present Introduction to Environmental Chemistry & Ecotoxicology (D-CHAB 529-0037-01L)
2013 - present Environmental Organic Chemistry (Course D-USYS 701-1314-00L)
2006 - present Term Paper 1/: Writing/Seminar (D-USYS 701-1302-00L/701-1303-00L)

Awards and Fellowships

2022 ACS Editor's Choice award for publication Bopp et al., *ACS Environ. Au*, 2, 428-440
2012 International visit fellowship, Swiss NSF
2007 First Runner Up: Best Science Paper of the Year in *Environ. Sci. Technol.*
2007 Excellence in Review Award *Environ. Sci. Technol.*
2004 Fellowship for advanced researchers, Swiss NSF
1995 Otto-Jaag-Gewässerschutzpreis Eawag/ETH Zürich