

Meret Aeppli

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Current position

Tenure Track Assistant Professor

09/2022–present

EPF Lausanne, Switzerland

- Head of the [Soil Biogeochemistry Laboratory](#)

Career breaks

Maternity leave

11/2024–03/2025

Education

Stanford University, United States

09/2019–08/2022

Postdoctoral Fellow

- Topic: “Carbon Cycling in Soils: Effects of Mineral Redox Reactivity on Anaerobic Microbial Respiration”
- Advisor: Prof. S. Fendorf

ETH Zürich, Switzerland

01/2015–12/2018

Doctor of Sciences

- Dissertation: “Assessing the Control of Reduction Thermodynamics on Electron Transfer to Iron (Oxy- hydr-)Oxides” (Diss. Nr. 25'699)
- Advisor: Prof. T.B. Hofstetter
- Date of thesis defense: 07.12.2018

ETH Zürich, Switzerland

09/2012–01/2015

M.Sc. in Environmental Sciences

- Concentration: Biogeochemistry and Pollutant Dynamics
- Thesis: “Interactions of Bacteriophages with Natural Organic Matter and Model Sorbent Surfaces”
- Advisor: Prof. M. Sander

ETH Zürich, Switzerland

09/2009–10/2012

B.Sc. in Environmental Sciences

- Thesis: “Soil Structure of an Alpine Fen and Its Implications on Below-Ground Methane Concentrations”
- Advisor: Prof. J. Zeyer

Funded Project Grants

Total funding as Assistant Professor at EPFL: CHF 1'722'884

Foundation Funding

10/2024–09/2026

- “Monitoring carbon sequestration in wetland soils”, sponsored by *InTent Foundation*
- co-I, CHF 168'000

Industrial Funding

03/2024–02/2028

- “Field-scale assessment of organic fertilizer impact on soil health and greenhouse gas fluxes from agricultural soils”; sponsored by *Nestlé*

- PI, CHF 546'112

ENAC Transdisciplinary Cluster grant

04/2023–03/2024

- “Quantifying soil organic matter formation under microbial consortia amendments (BioSoilStock)”; sponsored by the *School of Architecture, Civil and Environmental Engineering, EPFL*
- PI, CHF 50'000

European Joint Programme SOIL Project Funding

05/2023–04/2026

- “The effects of tillage practice on soil carbon sequestration mechanisms (TilSoilC)”; sponsored by the *Swiss National Science Foundation*
- PI for Switzerland, CHF 432'844

SNSF Project Funding

02/2023–01/2026

- “Soil organic carbon in Swiss mountain soils: abundance, distribution, and susceptibility to climate change”; sponsored by the *Swiss National Science Foundation*;
- PI, CHF 510'928

Research Partnership Grant with the ASEAN region

02/2023–01/2024

- “Web viewer development for public flood risk communications”; sponsored by the *ETH Zürich, Leading House Asia*
- PI, CHF 15'000

SNSF Early Postdoc Mobility Fellowship

09/2019–02/2021

- “The role of particulate terminal electron acceptors in controlling organic matter mineralization in freshwater sediments and soils”; fellowship for postdoctoral research at Stanford University sponsored by the *Swiss National Science Foundation*
- PI, CHF 120'000

Honors**Jin Jingfu Memorial Lecture Award**

03/2024

- Awarded for “contributions in the field of redox reactivity and role of soil in the global carbon cycle”.
- The International Association of Geochemistry bestows the award to early-career scientists that have made measurable impact on their discipline of geochemistry.

Rising Environmental Leaders Program

01/2020–06/2020

- Run by the *Stanford Woods Institute for the Environment*.
- Aimed at honing participant's leadership and communication skills to maximize their research impact and connect research to policy and people.
- One of 20 participants selected from a field of applicants from all seven schools at Stanford.

ETH Medal for Outstanding Doctoral Thesis

09/2019

- Awarded for “solving important knowledge gaps in the redox reactivity of iron using an interdisciplinary approach”.
- ETH Zürich awards the medal and CHF 2'000 to the top 8% of doctoral candidates.

Chemistry Travel Award

05/2017

- Travel award for the attendance of *Goldschmidt Conference 2017*.
- Sponsored by the *Swiss Chemical Society* and *Platform Chemistry* of the *Swiss Academy of Sciences*.

Peer-Reviewed Publications

7 publications as first author, 2 publications as last author, 2 reviews.

19. Bright, K; Dienes, B; Keiluweit, M; Rixen, C; **Aeppli, M**. Climate change impacts on organic carbon cycling in European alpine soils. *Soil Biology & Biochemistry*, **2025**, 210, 109891, [doi:10.1016/j.soilbio.2025.109891](https://doi.org/10.1016/j.soilbio.2025.109891).
18. Shu, Z; Liu, Q; Dai, Z; Pan, Z; **Aeppli, M**; Wang, Z. Heterogeneous Photochemical Generation of Hydroxyl Radical in Mineral-Organics Systems: Dual Roles of Iron Oxides. *Environmental Science & Technology*, **2025**, 59 (27), 13820-13831, [doi:10.1021/acs.est.5c04440](https://doi.org/10.1021/acs.est.5c04440).
17. Lacroix, EM; Gomes, A; Honeyman, AS; Huy, KR; Fendorf, S; Noël, V; **Aeppli, M**. Soil Carbon Concentration Drives Anoxic Microsites Across Horizons, Textures, and Aggregate Position in a California Grassland. *Geoderma*, **2025**, 454, 117165, [doi:10.1016/j.geoderma.2025.117165](https://doi.org/10.1016/j.geoderma.2025.117165).
16. Noël, V; Boye, K; Naughton, HR; Lacroix, EM; **Aeppli, M**; Kumar, N; Fendorf, S; Webb, SM. X-ray chemical imaging for assessing redox microsites within soils and sediments. *Frontiers in Environmental Chemistry*, **2024**, 5, [doi:10.3389/fenvc.2024.1329887](https://doi.org/10.3389/fenvc.2024.1329887).
15. Lim, J; Wehmeyer, H; Heffner, T; **Aeppli, M**; Gu, W; Kim, PJ; Horn, M; Ho, A. Resilience of aerobic methanotrophs in soils; spotlight on the methane sink under agriculture. *FEMS Microbiology Ecology*, **2024**, 100 (3), fiae008, [doi:10.1093/femsec/fiae008](https://doi.org/10.1093/femsec/fiae008).
14. Obradović, N; Joshi, P; Arn, S; **Aeppli, M**; Schroth, MH; Sander, M. Reoxidation of Reduced Peat Organic Matter by Dissolved Oxygen: Combined Laboratory Column-Breakthrough Experiments and In-Field Push-Pull Tests. *Journal of Geophysical Research: Biogeosciences*, **2023**, 128 (11), e2023JG007640, [doi:10.1029/2023JG007640](https://doi.org/10.1029/2023JG007640).
13. Lacroix, EM, **Aeppli, M**, Boye, K; Brodie, E; Fendorf, S; Keiluweit, M; Naughton, HR, Noel Vincent Noël, V; Sihi, D. Consider the Anoxic Microsite: Acknowledging and Appreciating Spatiotemporal Redox Heterogeneity in Soils and Sediments. *ACS Earth Space Chemistry*, **2023**, 7 (9), 1592–1609, [doi:10.1021/acsearthspacechem.3c00032](https://doi.org/10.1021/acsearthspacechem.3c00032).
12. **Aeppli, M**; Schladow, G; Lezama Pacheco, J S; Fendorf, S. Iron Reduction in Profundal Sediments of Ultraoligotrophic Lake Tahoe under Oxygen-Limited Conditions. *Environmental Science & Technology*, **2023**, 57 (3), 1529-1537, [doi:10.1021/acs.est.2c05714](https://doi.org/10.1021/acs.est.2c05714).
11. **Aeppli, M**; Thompson, A; Dewey, C; Fendorf, S. Redox Properties of Solid Phase Electron Acceptors Affect Anaerobic Microbial Respiration under Oxygen-Limited Conditions in Floodplain Soils. *Environmental Science & Technology*, **2022**, 56 (23), 17462-17470, [doi:10.1021/acs.est.2c05797](https://doi.org/10.1021/acs.est.2c05797).
10. Lopez, AM; Nicolini, CM; **Aeppli, M**; Luby, SP; Fendorf, S; Forsyth, JE. Assessing Analytical Methods for the Rapid Detection of Lead Adulteration in the Global Spice Market. *Environmental Science & Technology*, **2022**, 56 (23), 16996-17006, [doi:10.1021/acs.est.2c03241](https://doi.org/10.1021/acs.est.2c03241).
9. **Aeppli, M**; Babey, T; Engel, M; Fendorf, S; Bargar, JR; Boye, K. Export of Organic Carbon From Reduced Fine-Grained Zones Governs Biogeochemical Reactivity in Simulated Aquifer. *Environmental Science & Technology*, **2022**, 56 (4), 2738-2746, [doi:10.1021/acs.est.1c04664](https://doi.org/10.1021/acs.est.1c04664).
8. **Aeppli, M**; Giroud, S; Vranic, S; Voegelin, A; Hofstetter, TB; Sander, M. Thermodynamic Controls on Rates of Iron Oxide Reduction by Extracellular Electron Shuttles. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119 (3), e2115629119, [doi:10.1073/pnas.2115629119](https://doi.org/10.1073/pnas.2115629119).
7. Biswakarma, J; Rushworth, D; Srivastava, G; Singh, G; Kang, K; Das, S; Anantharaman, SB; **Aeppli, M**; Popp, AL; Bhuyan, DJ. Organizational Level Responses to the COVID-19 Outbreak: Challenges, Strategies and Framework for Academic Institutions. *Frontiers in Communication*, **2021**, 6:573585, [doi:10.3389/fcomm.2021.573585](https://doi.org/10.3389/fcomm.2021.573585).

6. **Aeppli, M**; Vranic, S; Kaegi, R; Kretzschmar, R; Brown, AR; Voegelin, A; Hofstetter, TB; Sander, M. Decreases in Iron Oxide Reducibility during Microbial Reductive Dissolution and Transformation of Ferrihydrite. *Environmental Science & Technology*, **2019**, 53 (15), 8736–8746, [doi:10.1021/acs.est.9b01299](https://doi.org/10.1021/acs.est.9b01299).
5. **Aeppli, M**; Kaegi, R; Kretzschmar, R; Voegelin, A; Hofstetter, TB; Sander, M. Electrochemical Analysis of Changes in Iron Oxide Reducibility during Abiotic Ferrihydrite Transformation into Goethite and Magnetite. *Environmental Science & Technology*, **2019**, 53 (7), 3568–3578, [doi:10.1021/acs.est.8b07190](https://doi.org/10.1021/acs.est.8b07190).
4. **Aeppli, M**; Voegelin, A; Gorski, CA; Hofstetter, TB; Sander, M. Mediated Electrochemical Reduction of Iron (Oxyhydr-)Oxides under Defined Thermodynamic Boundary Conditions. *Environmental Science & Technology*, **2018**, 52 (2), 560–570, [doi:10.1021/acs.est.7b04411](https://doi.org/10.1021/acs.est.7b04411).
3. Armanious, A; **Aeppli, M**; Jacak, R; Refardt, D; Sigstam, T; Kohn, T; Sander, M. Viruses at Solid-Water Interfaces: A Systematic Assessment of Interactions Driving Adsorption. *Environmental Science & Technology*, **2016**, 50 (2), 732–743, [doi:10.1021/acs.est.5b04644](https://doi.org/10.1021/acs.est.5b04644).
2. Franchini, AG; Henneberger, R; **Aeppli, M**; Zeyer, J. Methane Dynamics in an Alpine Fen: A Field-Based Study on Methanogenic and Methanotrophic Microbial Communities. *FEMS Microbiology Ecology*, **2015**, 91 (3), [doi:10.1093/femsec/fiu032](https://doi.org/10.1093/femsec/fiu032).
1. Armanious, A; **Aeppli, M**; Sander, M. Dissolved Organic Matter Adsorption to Model Surfaces: Ad-layer Formation, Properties and Dynamics at the Nanoscale. *Environmental Science & Technology*, **2014**, 48 (16), 9420–9429, [doi:10.1021/es5026917](https://doi.org/10.1021/es5026917).

Preprints

1. Liu, X; Pothanamkandathil, V; Schwab, L; Mao, S; **Aeppli, M**. Predicting rates of manganese oxide reduction from thermodynamic driving forces and structural properties. *ChemRxiv*, **2025**, [10.26434/chem-rxiv-2025-5w8sg](https://doi.org/10.26434/chem-rxiv-2025-5w8sg)

Supervision

Total 3 current and 2 alumni postdoctoral researchers, 4 current and 2 alumni visiting doctoral candidates, 13 MSc students (4 MSc projects at 30 ECTS, 9 semester projects at 10 ECTS), and 4 BSc students, interns, and civil servants as assistant professor at EPFL.

Postdoctoral Researchers

Dr. Vineeth Pothanamkandathil	03/2025—present
◦ Topic: Redox reactivity of soil minerals at the mineral-water interface	
Dr. Filippo Miele	10/2024—present
◦ Topic: Carbon removal in wetland restoration	
◦ Shared appointment (50:50) with CHANGE (EPFL)	
Dr. Orly Mendoza	07/2023—present
◦ Topic: Effects of tillage practices on soil carbon sequestration mechanisms	
◦ Shared appointment (50:50) with the University of Lausanne	
Dr. Daniel Wasner	01/2025—08/2025
◦ Topic: Macroscale drivers of soil organic carbon cycling	
Dr. Lorenz Schwab	04/2023—12/2024
◦ Topic: Redox properties and reactivities of manganese oxides	

Doctoral Candidates

Camila Morales	04/2024—present
◦ Topic: Organic fertilizer impact on soil health and greenhouse gas fluxes from agricultural soil	
Emma DeFrang	08/2023—present
◦ Topic: Bioenergetic controls on microbial activity	
Kristina Bright	02/2023—present
◦ Topic: Mechanisms of soil organic carbon stabilization in mountain soils	
Bence Dienes	02/2023—present
◦ Topic: Mechanisms of soil organic carbon stabilization in mountain soils	
Zhipeng Shu	03/2024—02/2025
◦ Topic: Redox reactions of iron oxides with extracellular electron shuttles	
◦ Visiting from Fudan University (China).	
Xinru Liu	01/2024—02/2025
◦ Topic: Redox properties and reactivities of manganese oxides	
◦ Visiting from Tongji University (China)	

Teaching Experience and Training

Course Instructor	since 02/2024
<i>EPF Lausanne, Switzerland</i>	
◦ Fate and behavior of environmental contaminants (ENV-507)	
◦ Environmental Sciences and Engineering Program	
◦ Elective MSc-level course, 4 ECTS	
Course co-Instructor	since 09/2023
<i>EPF Lausanne, Switzerland</i>	
◦ Environmental chemistry (ENV-200)	
◦ Environmental Sciences and Engineering Program	
◦ Mandatory BSc-level course, 5 ECTS, shared 50:50 with another instructor	
Teaching Assistant	03/2022—06/2022
<i>Stanford University, United States</i>	
◦ Science of Soils (ESS-155), weekly classes in the field and laboratory.	
Postdoc Teaching Certificate	10/2020
<i>Stanford University, United States</i>	
◦ Comprises teaching training, elective courses and workshops, teaching practice, and teaching portfolio (minimum in-class time: 100 h).	
Teaching Assistant	01/2015—12/2018
<i>ETH Zürich, Switzerland</i>	
◦ Laboratory Course: Elementary Chemical Techniques (529-0030-00L)	
◦ Yearly three week intensive course.	
Teaching Assistant	09/2011—09/2012
<i>ETH Zürich, Switzerland</i>	
◦ Exercises in Mathematics III: Systems Analysis (701-0071-00L)	
◦ Weekly exercises.	

Presentations

Invited Presentations at International Conferences

5. Structural Iron in Smectite Clay Minerals: a New Approach to Interpret Redox Properties. *Fe Biogeochemistry Workshop*, Lech, Austria, **2025**.
4. Redox Processes in Alpine Soils: Implications for Biogeochemical Carbon Cycling. *Goldschmidt Conference*, Prague, Czech Republic, **2025**.
3. Electron transfer reactions and their role in soil carbon cycling. *European Geosciences Union General Assembly*, Vienna, Austria, **2024**.
2. Buy one, get one free: how reaction thermodynamics controls iron reduction by extracellular electron shuttles. *Fe Biogeochemistry Workshop*, Lech, Austria, **2023**.
1. Variations in mineral structure and redox properties of iron-bearing clay minerals during redox cycling. *Goldschmidt Conference*, Lyon, France, **2023**.

Invited National and International Seminars

18. From Electrons to Ecosystems: Redox Controls on Soil Carbon Cycling. *ETH Zürich*, Zürich, IBP Seminar, **2025**.
17. Assessing Soil Redox Processes and Their Role in Element Cycling. *University of Bristol*, Bristol, Seminar School of Earth Sciences, **2024**.
16. Redox Processes and Their Role in Element Cycling. *University of Manchester*, Manchester, Seminar Department Earth and Environmental Sciences, **2024**.
15. Redox Processes and Their Role in Element Cycling. *Swiss Federal Institute for Forest, Snow and Landscape Research WSL*, Birmensdorf, Seminar, **2024**.
14. Shedding Light on the Dark Side of Terrestrial Ecosystems: Assessing Biogeochemical Processes in Soils. *University of Vienna*, Vienna, CMESSE Seminar, **2023**.
13. Shedding Light on the Dark Side of Terrestrial Ecosystems: Assessing Biogeochemical Drivers of Element Cycling in Soils. *EPFL*, Inaugural Lecture, **2023**.
12. Assessing Soil Redox Processes and Their Role in Element Cycling. *WSL-Institut für Schnee- und Lawinenforschung SLF*, Davos, Colloquium, **2023**.
11. Redox Processes in Soils: Elucidating the Role of Iron Minerals. *University of Bern*, Bern, Soil Science Colloquium, **2023**.
10. Assessing Soil Redox Processes and Their Role in Element Cycling. *University of Lausanne*, Lausanne, IDYST Seminar, **2023**.
9. Can Soil Science Contribute to Improving Food and Nutrition? *Industrial Board Meeting of the Integrative Food and Nutrition Center at EPFL*, Lausanne, Seminar, **2023**.
8. Electron Transfer Reactions in Soils: Implications for Biogeochemical Element Cycling. *CLIMACT Seminar Series*, Virtual Seminar, **2022**.
7. Follow the Electrons: Redox-Active Minerals in Biogeochemical Processes. *Swiss Geoscience Meeting*, Lausanne, Keynote, **2022**.
6. Follow the Electrons: Insights Into Soil Carbon Cycling. *EPFL*, Lausanne, IIE Seminar Series, **2022**.
5. Redox Properties of Iron Minerals: Insights From Electrochemical Analyses and Thermodynamic Considerations. *German Research Centre for Geosciences*, Virtual Seminar, **2022**.

4. Exploring Mechanisms of Soil Organic Carbon Stabilization by Tracking Electron Flows in Soils. *Technical University of Munich*, Virtual Public Lecture, **2021**.
3. Tracking Electrons in Soils: How Electro-Active Minerals Affect Soil Carbon Turnover. *EPFL*, Virtual Public Lecture, **2020**.
2. Follow the Electrons: How Redox-Active Minerals Affect Soil Carbon. *University of California, Davis*, Virtual Seminar, **2020**.
1. Redox Reactions In the Environment: What Can We Learn From Mediated Electrochemical Analyses? *Indiana University-Purdue University Indianapolis*, Virtual Seminar, **2020**.

Oral Presentations at National and International Conferences

Excluding invited presentations (see above).

14. Iron Reduction In Profundal Sediments Of Ultra-oligotrophic Lake Tahoe Under Oxygen-limited Conditions. Oral presentation. *Goldschmidt Conference*, Honolulu, Hawaii, United States, **2022**.
13. Redox Properties of Particulate Electron Acceptors Affect Anaerobic Respiration in Floodplain Soils. Poster presentation. *Gordon Research Conferences on Environmental Science: Water*, Plymouth, New Hampshire, United States, **2022**.
12. Redox properties of particulate electron acceptors affect anaerobic microbial respiration under oxygen-limited conditions in floodplain soils. Oral presentation, virtually delivered. *European Geosciences Union General Assembly*, **2022**.
11. Thermodynamic Limitations on Microbial Respiration Using Ferric Iron as Terminal Electron Acceptor. Poster presentation. *American Geophysical Union Fall Virtual Meeting*, **2021**.
10. Organic Matter Mineralization in Redox-Dynamic Environments: How Does the Redox Reactivity of Particulate Electron Acceptors Affect Microbial Respiration Rates? Oral presentation, virtually delivered. *Virtual Goldschmidt Conference*, **2021**.
9. Soil Organic Matter Stabilization in Floodplain Soils: Role of Particulate Terminal Electron Acceptors. Poster presentation. *American Geophysical Union Fall Virtual Meeting*, **2020**.
8. Is Carbon Mineralization In Floodplains Controlled by the Redox Reactivity of Iron Minerals? Oral presentation, virtually delivered. *American Chemical Society Fall 2020 Virtual Meeting*, **2020**.
7. How Does the Redox Reactivity of Iron Minerals Affect Carbon Mineralization in Floodplains? Oral presentation, virtually delivered. *Virtual Goldschmidt Conference*, **2020**.
6. Mediated Electrochemical Reduction of Iron (Oxyhydr-)Oxides under Defined Thermodynamic Boundary Conditions. Poster presentation. *Gordon Research Conferences on Environmental Science: Water*, Plymouth, New Hampshire, United States, **2018**.
5. Ferrous Iron-Induced Transformation of Ferrihydrite: Linking Changes in Oxide Mineralogy and Reducibility. Oral presentation. *Interfaces Against Pollution Conference*, La Grande-Motte, France, **2018**.
4. Investigating Iron Oxide Reduction Using Mediated Electrochemical Analysis. Oral presentation. *Goldschmidt Conference*, Paris, France, **2017**.
3. Investigating Iron Oxide Reduction Using Mediated Electrochemical Analysis. Oral presentation. *International Conference on the Biogeochemistry of Trace Elements*, Zürich, Switzerland, **2017**.
2. Thermodynamics of Electron Transfer to Iron Oxides Assessed by Mediated Electrochemical Reduction. Oral presentation. *Swiss Geoscience Meeting*, Geneva, Switzerland, **2016**.
1. Mediated Electrochemical Reduction of Iron Oxides: Effects of pH and Potential on Electron Transfer to the Oxides. Oral presentation. *European Mineralogical Conference*, Rimini, Italy, **2016**.

Academic Engagement

Session convening

- Goldschmidt Conference, Session 10d: Redox driven contaminant dynamics in terrestrial systems, **2025**.
- Goldschmidt Conference, Session 10l: Redox processes in terrestrial and aquatic systems and their impact on contaminant and nutrient cycling, **2024**.
- Goldschmidt Conference, Session 11b: Iron and manganese minerals and their role in nutrient and contaminant cycling across scales, **2023**.
- Goldschmidt Conference, Session 12g: Environmental redox reactions and their impact on metal and nutrient dynamics, **2022**.
- Goldschmidt Conference, Session 11g: Redox-Driven Transformation and Mobility of Contaminants and Nutrients, **2021**.
- AGU Fall Meeting, Symposium 103775: Soils of the Anthropocene: Ecosystem Scale Implications of Pore-Scale Redox Heterogeneities in Soils, **2020**.
- Goldschmidt Conference, Session 12b: Coupled Redox Cycling of S, Mn, and Fe: Impacts on Nutrient and Contaminant Dynamics, **2020**.

Institutional responsibilities

- Board member for the Food Center at EPFL (since 04/2023).
- Member of the Central Environmental Laboratory steering committee at EPFL (since 01/2023).
- Member of the teaching commission for the Environmental Sciences and Engineering section at EPFL (since 10/2022).
- Member of the commission for Master admissions and excellence scholarships of the Environmental Sciences and Engineering section at EPFL (since 04/2022).
- Member of ALPOLE management committee since 09/2021.
- Search committee member for three faculty searches from 2022 to 2024.
- President for PhD exams (2) and PhD candidacy exams (11) at EPFL.

Peer-Review

- Scientific journals: *Applied and Environmental Microbiology*, *Applied Geochemistry*, *Biogeochemistry*, *Biogeosciences*, *Environmental Science: Nano*, *Environmental Science & Technology*, *Environmental Science: Processes & Impacts*, *Geochimica et Cosmochimica Acta*, *Journal of Geophysical Research: Biogeosciences*, *Nature Reviews Earth & Environment*. Complete list available on [Publons](#) (total 40 reviews since 2019).
- Funding agencies: *Israel Science Foundation*, *National Science Center Poland*, *National Science Foundation: Stanford Synchrotron Radiation Lightsource* (total 3 reviews since 2020).

Memberships

American Chemical Society, American Geophysical Union, Association for Women in Science, ETH Women Professors Forum, European Association of Geochemistry.

Other responsibilities

External expert on PhD evaluation committees (2) and PhD candidacy exams (1).

Outreach

Guest on Scientific Sense Podcast 05/2025

- Appeared on podcast to discuss the importance of soil redox reactions for global climate and food security.
- [Prof. Meret Aeppli of EPFL on the complexity of soil as a system.](#)

Booth at EPFL Scientastic 04/2023

- Organized and led exhibition booth for the SOIL group.

Radio Reportage at Radio Télévision Suisse (RTS) 10/2023

- Radio reportage about field work of the SOIL group in the Swiss Alps.
- [À la découverte de l'Institut de recherche sur l'environnement alpin et polaire ALPOLE à Sion](#), CQFD series, **2023**.

Interview in EPFL Dimensions Magazine 09/2023

- Gave an interview on the role of soils in food production.
- [What's good for our soil is good for the climate](#), number 10, **2023**.

Booth at EPFL Open Doors 04/2023

- Organized and led exhibition booth for the SOIL group.
- Participated in [Human Library](#).

Popular Science Article 04/2023

- Wrote an article for the website of the Center for Climate Impact and Action ([CLIMACT](#)).
- Aeppli, M. [Why are soils important for carbon cycling and climate?](#) *CLIMACT Website*, **2023**.