

SOIL SCIENCE COLLOQUIUM

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b
UNIVERSITÄT
BERN

Fall Semester 2021: Sept 21st to Dec 21st

Tuesdays, 4.15 pm – 6.00 pm

In person (Hallerstrasse 12, seminar room 002) & virtually ([Zoom seminar room](#)).

Date	Speaker	Topic
21.09.2021		<i>Introduction of new group members</i>
28.09.2021	Professor Dr Denise Mitrano ★ Environmental Chemistry of Anthropogenic Materials Group , ETH, Zurich, Switzerland	<i>Small(er) plastics, big(ger) problems? Fate, transport and impacts of nano- and microplastics in the environment</i>
	Alexandra Foetisch PhD candidate, Soil Science Unit	<i>Study of plastic aging using STXM</i>
05.10.2021	Dr Andrea Hacker-Heimhofer ★ Publications Manager , Open Access, Library of the University of Bern	<i>Open access workshop</i> 🗣️
12.10.2021	Dr Karen Viacava Postdoc researcher, Soil Science Unit	<i>Microbial metabolism of antimony</i>
19.10.2021	Dr Abdallah Alaoui Project leader, Soil Science Unit	<i>An overview of methods and approaches used in assessing the dynamics of flow in Soil</i>
26.10.2021	Dr Caroline de Meyer Postdoc researcher, Soil Science Unit	<i>The floodplains of the Amazon: another hotspot of arsenic contaminated groundwater?</i>
	Lizangela Huallpara Visiting PhD candidate, Bolivia	<i>Geogenic contamination of drinking water of the Bolivian Amazon</i>
02.11.2021	Dr Eric Pinto Postdoc researcher, Soil Science Unit	<i>Microbial biogeography: putting the microbes on the Swiss map and beyond</i>
	Jaime Caplette PhD candidate, Soil Science Unit	<i>Antimony volatilization and mobility in wetland and floodplain soils (🗣️ or 🗣️🗣️)</i>
09.11.2021	Dr Peter Weiss-Penzias ★ Faculty researcher , University of California, Santa Cruz, USA	<i>The connection between atmospheric deposition of mercury and uptake to the terrestrial food web in coastal and mine impacted areas</i>
	Sabnam Mahat PhD candidate, Soil Science Unit	<i>Bioaccumulation of mercury in apex predators and possible biomagnification in terrestrial food chain</i> 🗣️
16.11.2021	Dr Laurie Sauvage ★ Research Associate, Infrastructure and Environment. University of Glasgow, UK	<i>Arsenic inputs to terrestrial ecosystems through precipitation</i>
	Dr Teresa Chavez-Capilla Postdoc researcher, Soil Science Unit	<i>Of mice and rice: The denouement</i>
23.11.2021	Dr Kerstin Hockmann ★ Research Fellow , Department of Hydrology, University of Bayreuth	<i>When the good meets the evil: Impact of iron on antimony mobility in redox-dynamic soils</i>
	Ursina Morgenthaler PhD candidate, Soil Science Unit	<i>Characterization of colloidal antimony in soil pore water using Asymmetric Flow Field Flow Fractionation</i> ⚙️
30.11.2021	Lorenz Gfeller PhD candidate, Soil Science Unit	<i>Unravelling the pollution history of an alpine mercury legacy site</i>
07.12.2021	Professor Dr Angelia Seyfferth ★ Department of Plant & Soil Sciences , University of Delaware, USA	<i>To be determined</i>
	Hang Guan PhD candidate, Soil Science Unit	<i>The potential of indigenous microbes in supporting maize in the face of arsenic threats</i> 🗣️

Date	Presenter	Topic
14.12.2021	Melissa Reynolds ★ Senior Program Manager for Diversity & Leadership , Executive School, University of St. Gallen, St. Gallen, Switzerland	<i>Unconciuous bias workshop</i>
21.12.2021	Liv Klemm MSc student, Soil Science Unit	<i>How to introduce digital methods in soil didactics</i> 🏠
	Soil Science photography contest	<i>Award ceremony</i>

Legend: ★ Invited speaker, 🏠 Virtual colloquium only, 🖼️ Visual presentation, 🏠 Scientific presentation, 🗣️ Story telling presentation, ⚙️ Methods presentation.