

# SOIL SCIENCE COLLOQUIUM

u<sup>b</sup>

b  
UNIVERSITÄT  
BERN

Spring Semester 2022: Feb 22<sup>nd</sup> to May 31<sup>st</sup>

Tuesdays, 16.15 – 18.00

In person ([Mittelstrasse 43](#), room 224).

Virtually ([Zoom seminar room](#), Meeting ID: 661 2561 8101, psw: 123456).

Date	Speaker	Topic
22.02.2022	<b>Dr Julien Gigault</b> ★ <a href="#">Adjunct Professor</a> , Biology Department, Université Naval, Quebec, Canada	<i>Presence and Fate Nanoplastics in the Environment: Analytical and Experimental Challenge.</i>
	<b>Alexandra Foetisch</b> PhD candidate, Soil Science Unit	<i>Investigation of Plastic Aging in soil Using Scanning Transmission X-ray Microscopy (STXM).</i> 📺
01.03.2022 <b>15h30 to 18h00</b> <b>Room 302,</b> <b>Hallestrasse 12.</b>	<b>Dr Thomas Teichler</b> ★ Coach, trainer & consultant, <a href="#">Lead to Trust</a>	<i>Workshop: Perform in the Storm: From Feeling Overwhelmed to Feeling at Choice.</i>
08.03.2022	<b>Professor Dr Sebastian Dötterl</b> ★ <a href="#">Soil Resources group</a> , ETH, Zurich, Switzerland	<i>The Development of New Soil Landscapes and their Relevance for Biogeochemical Cycles In the 21st Century and Beyond.</i>
	<b>Dr Natacha Van Groeningen</b> Postdoctoral researcher, Soil Science Unit	<i>SPRINT: A sustainable plant protection transition.</i>
<b>Monday</b> 14.03.2022 <b>Room 002,</b> <b>Hallestrasse 12.</b>	<b>Dan Mermet</b> BSc student, Soil Science Unit	<i>Mercury in Terrestrial Food Chains, Focus on Soil.</i> 🏠
	<b>Timon Haldenmann</b> BSc student, Soil Science Unit	<i>Explosives in Soils in Switzerland.</i> 🏠
22.03.2022 <b>9h00 to 10h45</b>	<b>Dr Steven Doherty</b> ★ School of Environmental and Rural Science, New England University, Armidale, Australia	<i>Speciation and Sediment Associations of Antimony and Arsenic in A Freshwater System.</i>
	<b>Ursina Morgenthaler</b> PhD candidate, Soil Science Unit	<i>Antimony Release from Flooded Swiss Shooting Range Soil.</i> 🏠
22.03.2022 <b>16h15 to 18h00</b> <b>Erlachstrasse 9a,</b> <b>Trakt 3, Nr 146.</b>	<b>Dr. Li Chuxian</b> ★ Postdoctoral researcher Department of Forest Ecology & Management, Swedish University of Agricultural Sciences	<i>Hg Isotopes as a Novel Paleoclimate Proxy.</i> <b>Part of the Paleolimnology colloquium.</b>
29.03.2022	<b>Dr Michael Bank</b> ★ Scientific researcher, <a href="#">Department of Seafood Hazards</a> , Institute of Marine Research, Norway	<i>Using Bayesian Modeling and Stable Isotope Analyses to Understand Mercury Bioaccumulation in Marine Fish.</i>
	<b>Sabnam Mahat</b> PhD candidate, Soil Science Unit	<i>Mercury Levels in Wildlife in Switzerland.</i> 🏠 & 📺
05.04.2022	<b>Dr Martin Löder</b> ★ Head of Research Division, <a href="#">Animal Ecology</a> , University of Bayreuth, Germany	<i>Analysis of Microplastics in Complex Matrices.</i>
	<b>Adrian Grunder</b> PhD candidate, Soil Science Unit	<i>MINAGRIS &amp; horizon 2020.</i> 📺

Date	Presenter	Topic
12.04.2022	<b>Dr Caroline de Meyer</b> Postdoctoral researcher, Soil Science Unit <b>Delphine Dubuis</b> Chemical engineer, SELFRAG AG	<i>Hydrogeochemistry of the Beni (Bolivia).</i>  <i>To be determined.</i>
19.04.2022	<b>Spring vacation</b>	
26.04.2022	<b>Professor Dr Klaus Schläppi</b> ★ <a href="#">Department of Environmental Sciences</a> , University of Basel, Basel, Switzerland	<i>Smart Farming - Use of Microbiomes in Agriculture.</i>
03.05.2022 <b>16h30 to 18h15</b>	<b>Professor Dr Teresa Fresno García</b> ★ <a href="#">Science Faculty</a> , Autonomous University of Madrid, Madrid, Spain <b>Hang Guan</b> PhD candidate, Soil Science Unit	<i>Phytostabilization Strategies to Ameliorate Arsenic Toxicity in Soils.</i>  <i>The Effects of Soil Disturbance and Plant Growth on Arsenic Concentration and Speciation in Soil-Maize System.</i> 🏠
10.05.2022	<b>Dr Karen Viacava</b> Postdoctoral researcher, Soil Science Unit <b>Dominik Dubach</b> BSc student, Soil Science Unit	<i>Detection of Antimony Methylation in the Environment.</i>  <i>Geochemical Characterization of Antimony-polluted Soils from New South Wales, Australia.</i> 🏠
<b>Monday</b> 16.05.2022 <b>Room 002,</b> <b>Hallestrasse 12.</b>	<b>Dr Eric Pinto</b> Postdoctoral researcher, Soil Science Unit <b>Samuel Schlichenmaier</b> PhD candidate, Soil Science Unit	<i>Soil health: from Scientific Understanding to Local Actions.</i>  <i>Biochar and Soil Quality.</i> 🏠
24.05.2022	<b>Tom Reed</b> Artist and illustrator, <a href="#">Toom Reed Studio</a>	<i>Workshop: Creative Thinking.</i>
31.05.2022	<b>Livia Vogel</b> MSc student, Soil Science Unit <b>Liv Klemm</b> MSc student, Soil Science Unit	<i>To be determined.</i> 🏠  <i>How to Introduce Digital Methods in Soil Didactics.</i> 🏠
07.06.2022	<b>Soily Ridiculous Awards</b>	

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