

SOIL SCIENCE COLLOQUIUM

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b
UNIVERSITÄT
BERN

Fall Semester 2022: Sept 20th to Dec 20th

Tuesdays, 16.15 – 18.00

Seminar room 002, Hallerstrasse 12.

Date	Speaker	Topic
20.09.2022	Prof. Adrien Mestrot	<i>Introduction session</i>
27.09.2022	Dr Wendel Wohlleben ★ Senior Principal Scientist: Characterization of Colloidal Systems, BASF, Germany	<i>Microplastics: industrial relevance and studies into environmental aging, composting, fragmentation</i>
	Alexandra Foetisch PhD candidate, Soil Science Unit	<i>Development of an easily implementable method for extraction and detection of tire wear particles in road sided soils</i>
04.10.2022	Workshop Joel Schaad Coordination Better Science Initiative Office for Equal Opportunities	<i>Better Science: Careful communication, error culture and feedback culture</i>
11.10.2022	Dr Karen Viacava Postdoctoral researcher, Soil Science Unit	<i>Antimony mobilisation upon flooding of shootinga range soils: Burgseeli shooting range</i>
18.10.2022	Prof Karolina Lewińska ★ Department of Environmental Remote Sensing and Soil Science, Adam Mickiewicz University in Poznan, Poland	<i>The presence and solubility of antimony in soils of the historical mining sites and shooting ranges – the case study from south-western Poland</i>
	Ursina Morgenthaler PhD candidate, Soil Science Unit	<i>Antimony release from flooded shooting range soils</i> 🇮🇹
25.10.2022	Environmental Pollution Colloquium Dr Christina Kast ★ Agroscope- Swiss Bee Research Centre, Switzerland	<i>Monitoring pesticides in Swiss beeswax – effects of pesticides in beeswax on honeybee health</i>
01.11.2022	Florian Christ BSc student, Soil Science Unit	<i>Plant-protection-product uptake in soil linked to basic soil properties</i> 🇮🇹
	Dominik Dubach BSc student, Soil Science Unit	<i>Sequential extraction procedure from antimony-polluted soils</i> 🇮🇹
08.11.2022	Ladina Gaudy MSc student, Soil Science Unit	<i>Trace element concentration in organ and muscle tissue of grey wolves (Canis lupus) and Eurasian lynx (Lynx lynx) in Switzerland</i> 🇮🇹
	Sara Fischer & Sarah Kappeler MSc students, Soil Science Unit	<i>Sustainable solutions for the use of organic soils in Rheintal (SG) and Seeland (BE/FR)</i> 🇮🇹
15.11.2022	Environmental Pollution Colloquium Dr David Amouroux ★ Research Director CNRS, Université de Pau, France	<i>A molecular and isotopic journey in the biogeochemical cycle of mercury</i>
22.11.2022	Céline Witschi MSc student, Soil Science Unit	<i>Antimony methylation in soils: method development and case study</i> 🇮🇹
	Livia Vogel MSc student, Soil Science Unit	<i>Atmospheric mMercury in tree rings</i> 🇮🇹

Date	Presenter	Topic
29.11.2022	Dr Florian Breider ★ Central Environmental Lab, EPFL, Switzerland	<i>Occurrence, fate, environmental and human health impacts of plastic pollution</i>
	Adrian Grunder PhD candidate, Soil Science Unit	<i>Experimental design to investigate the influence of MP on the soil physical and chemical properties</i>
06.12.2022	Environmental Pollution Colloquium Dr. Zhanyun Wang ★ EMPA	<i>Per- and polyfluoroalkyl substances in the environment: current state, challenges and opportunities</i>
13.12.2022	Workshop Dr Teresa Chávez-Capilla Research Associate/Lecturer, Soil Science Unit	<i>Standardizing QC practices in the Soil Science group</i>
20.12.2022	■ Prof Teamrat A. Ghezzehei ★ Life & Environmental Sciences, University of California, Merced, US	<i>To be determined</i>
	Samuel Schlichenmaier PhD candidate, Soil Science Unit	<i>Black goes green: First results after one year of biochar application under field conditions</i>

Legend: ★ Invited speaker, ■ Virtual colloquium only, ▲ Scientific presentation.