

# Conference Agenda

## Session

### Posters WS 2.2.C

Time: Tuesday, 10/Sep/2019: 3:15pm - 4:00pm

Location: SOWI - Garden

Session Chair: Robert Thomas Edmund Mills

Session Topics: Workshop 2.2.C: Towards a global understanding of the functional ecology of Mountain soils

### Session Abstract

Note: Explicit time slots are only assigned to researchers that do not present within the preceding workshop.

## Presentations

3:15pm - 3:17pm

**Influence of shrubs invasion to mountain tundra and alpine ecosystems on soil properties and plant nutrition**

Makarov, Mikhail I.; Malysheva, Tatiana I.; Kadulin, Maxim S.; Sabirova, Rida V.

Moscow State University, Russian Federation

3:17pm - 3:19pm

**The influence of altitude on soil microbial diversity in an inner-Alpine valley**

Praeg, Nadine<sup>1</sup>; Seeber, Julia<sup>2,3</sup>; Leitinger, Georg<sup>2</sup>; Tasser, Erich<sup>3</sup>; Tappeiner, Ulrike<sup>2,3</sup>; Illmer, Paul<sup>1</sup>

<sup>1</sup>University of Innsbruck, Department of Microbiology, Technikerstrasse 25d, 6020 Innsbruck, Austria; <sup>2</sup>University of Innsbruck, Department of Ecology, Sternwartestrasse 15, 6020 Innsbruck, Austria; <sup>3</sup>EURAC research, Institute for Alpine Environment, Drususallee1, 39100 Bozen, Italy

3:19pm - 3:21pm

**Fungal communities in snow-covered alpine soil: is there a distinct core community of cultivable fungi?**

Telagathoti, Anusha; Falbesoner, Johannes; Knapp, Maria; Walch, Georg; Probst, Maraike; Peintner, Ursula

University of Innsbruck, Austria

3:21pm - 3:23pm

**High Mountain Soils in a changing Cryosphere**

Müller, Svenja; Knoflach, Bettina; Deisenrieder, Veronika; Keller, Lars; Stötter, Johann; Geitner, Clemens

Leopold-Franzens-Universität Innsbruck, Austria, Institute for Geography

3:23pm - 3:25pm

**Seasonal changes of fungal communities in early soil developmental stages of a receding glacier**

Probst, Maraike; Philipp, Dresch; Telagathoti, Anusha; Peintner, Ursula

University Innsbruck, Austria

**Systematic underestimation of soil carbon stocks by traditional quantification in sloped terrain: a case study for the Bavarian Alps**

Wiesmeier, Martin<sup>1</sup>; Prietzel, Jörg<sup>2</sup>

<sup>1</sup>Bavarian State Research Center for Agriculture (LfL), Institute for Organic Farming, Soil and Resource Management, Lange Point 6, 85354 Freising, Germany; <sup>2</sup>TUM School of Life Sciences Weihenstephan, Technical University of Munich, Emil-Ramann-Str. 2, D 85354 Freising, Germany

**Drivers of heterogeneity in alpine soil function**

Britton, Andrea Jane

The James Hutton Institute, United Kingdom

**Functional ecology of alpine soils under changing snow cover regimes**

Broyd, Rosanne

Lancaster University, and The James Hutton Institute, United Kingdom

**The effects of the introduction of exotic Pinus species on soil microbial communities and the nitrogen cycle in a native Araucaria angustifolia tropical montane forest**

Buscardo, Erika<sup>1,2,3</sup>; Quintero, Ariadna<sup>1</sup>; Nagy, Laszlo<sup>1</sup>

<sup>1</sup>University of Campinas, Brazil; <sup>2</sup>University of Coimbra, Portugal; <sup>3</sup>University of Brasilia, Brazil

**Humans as a soil-forming factor in mountain ecosystems: effects of land use legacies on functional properties of mountain soils**

Katzensteiner, Klaus

University of Natural Resources and Life Sciences (BOKU), Vienna, Austria