

Soil Science Colloquium – Winter term 2020/2021

Tue, 16:15 to 17:45 (Zoom-Meeting)

| Date | Presenter | Topic |
|--------|---|--|
| Dec-01 | Sarah Ehresmann | Mikrobielle Toxizität von langfristig Cu-belasteten Weinbergsböden, gemessen mit einem alternativen Bodenstabilitätsindex (RSSI) mittels Acetonegasung (BSc Projektstudie) |
| Dec-08 | Orimisan Ikuomola Shabaz Shakoor | Soil mechanics of three different soils (MSc defence) Soil mechanical properties related to soil moisture (MSc concept) |
| Dec-15 | Matthias Hoppe Andreas Kirch | Biomass partitioning, litter decomposition and nutrient re-circulation of crop plant and silage maize (MSc defence) Vergleichende Wurzeluntersuchung unter Silphie und Mais (BSc Projektstudie) |
| Dec-22 | Björn Klaes Jan Fister | The role of soil processes affecting the chemical composition of paleo-environmental archives from southernmost Patagonia Untersuchung des organischen Detritus innerhalb des Stalagmiten MA1 mittels Raman-Spektroskopie (MSc Verteidigung) |
| Jan-05 | Marcel Lorenz Romero, Laura Hernandez, Enrique | Tree species impact on soil organic matter and soil microbial properties Development of algae on disturbed soil – A climate chamber approach (MSc concept) Cu in vineyard soils and plants (MSc concept) |
| Jan-12 | Judith Koschorke Marcel Diederich Christine Elsen | Änderung der bodenmechanischen Eigenschaften eines Ackerbodens infolge einer Befahrung (MSc defence) Änderung der bodenphysikalischen Eigenschaften eines Ackerbodens infolge einer Befahrung (BSc Projektstudie) Bodenschutz beim Maisanbau durch Minimalbodenbearbeitung – das StripTill Verfahren (BSc Projektstudie) |
| Jan-19 | Malte Ortner Heinrich, Marc Biundo, Leon | Soil organic matter dependent from specific local parameter combinations and thermal stability Hyperspektrale Analyse von landwirtschaftlichen Oberböden (MSc concept) Effects of cultivating aromatic plants on soil fungi (BSc concept) |
| Jan-26 | Felix Dittrich | Intercropping grapevine with aromatic plants – soil-mediated effects on grapevine yield and must quality |

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| | Mitali, Saini | Sorption of aromatic oils (MSc concept) |
| | Torjir, Naomi | Toxicity of aromatic substances in soil (MSc concept) |
| Feb-02 | Varentta Audu | Ecological intensification of agriculture through the cultivation of perennial grains: Implications on soil organic substance and related soil microbial parameters |
| | Nguyen, Tung | Ecological potentials and challenges of perennial wheat cultivation on marginal land (MSc defence) |
| Feb-09 | Mary Oluwaroye | Impact of Electrical weed control on soil biology and functioning (MSc defence) |
| | Becker, Kathrin | Soil-to-substrate variations of biogeochemical properties in cultivated soils from the Moselle Region (MSc concept) |