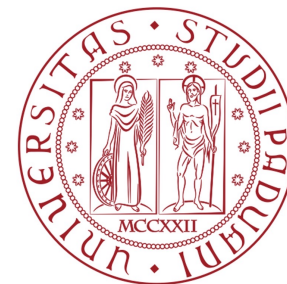


**WEBINAR:** <https://unipd.zoom.us/j/5745799331>

**JUNE 24 (14.30 - 17.00)**

**and**

**JUNE 25 (14.00 - 17.00)**



**UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA**

**TESAF** Dipartimento Territorio  
e Sistemi Agro-Forestali  
Università di Padova



**HUMUSICA 2021  
SOIL  
BIODIVERSITY AND MANAGEMENT**



**Practical tools and actions  
for facing the future**

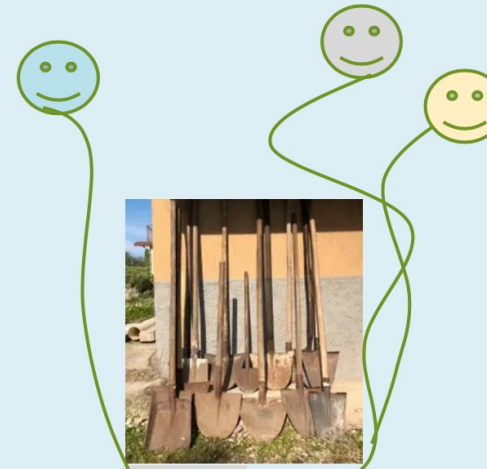


JUNE 24<sup>th</sup> 14h30-16h30 1. Topsoil classification

**QUESTION: Is there a wise way to use the soil?**

- Zanella Augusto: Outlook
- Renée-Claire Le Bayon: Humusica project and general topsoil classification -> Main outcomes
- Dylan Tatti: Focus on Agricultural topsoil -> Challenges and Switzerland field practice
- Eleonora Bonifacio: Forest topsoil classification -> Difficulties, mandatory knowledge, outcomes
- Silvia Stanchi: Forest topsoil, fractal observation and field survey -> Practice and results
- Fernando Cesario: Tropical forest -> relationships between humus forms and ecosystem functioning
- Anna Schrötter: TerrHum -> Lessons learned from the application of the Humus key
- Augusto Zanella: TerrHum -> How does it work? Step by step key and classification issues

**15h30 - 16h30 GENERAL DISCUSSION**



JUNE 25<sup>th</sup> 14h00-15h00 2. 1. Soil and biodiversity

**QUESTION: Is soil biodiversity really that important?**

- Adriano Sofa: Topsoil biodiversity and soil functioning -> crucial outcomes
- Lingzi Mo: Topsoil biodiversity in natural and anthropized ecosystems -> achievements and expected results
- Cristina Menta: Soil fauna diversity -> effective tool for detecting soil health
- Giacomo Mei: The loss of biodiversity is paved with good intentions -> the case of the European Hornbeam forests
- Judith Schaufler: Humus succession after forest fire
- Ines Fritz: Functional and non-functional soil organic matter

**14h40 - 15h00 GENERAL DISCUSSION**



JUNE 25<sup>th</sup> 15h10-17h00 2.2. Soil and vegetation

**QUESTION: Are there practical research outcomes that should be considered for facing the future?**

- Flavia R. C. Costa: Soil data -> species range dynamics under climate change
- Damien Banas: Water pollution -> the long run of a soil water solution
- Jean-Christophe Lata: Agricultural management -> response of soil microbial community to water-stress
- Stephane Bazot: Outcomes of recent researches in French forest ecosystems -> microorganisms and nutrients cycle
- Klaus Katzensteiner: Thin skin -> Humus dynamics after disturbance - processes/management
- Cristian Balzonella: Never forget the economic aspects -> The consistence of the vegetation-soil mitigation in the real Zero carbon emission balance of an Italian island

**16h00 - 17h00 GENERAL DISCUSSION**

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**16h00 - 17h00 GENERAL DISCUSSION**