

# Research Colloquium

## Biodiversity and Ecosystems

*Organised by the Master Research Unit "Biodiversity and Ecosystems"*

- When?** Thursday during the semester, approximately every second week,  
16:00-17:00 hrs
- Organisation** Live (with option to join online, i.e. hybrid)
- Where?** Room GS c7 (seminar room in the castle Neu Wädenswil)
- Zoom platform:** <https://zhaw.zoom.us/j/96086687383>  
(please log in with your full name to avoid Zoom bombing)
- For whom?** All students and employees of the IUNR; interested guests are welcome!

### Program in the spring term 2023:

- 23 Feb 2023** Jürg Schlegel, IUNR  
**Entomological research on Swiss military training zones: a case study on grasshoppers (Orthoptera)**  
On behalf of the Environmental Planning Research Group
- 9 March 2023** Stefan Stevanovic, IUNR  
**Effect of biochar in the Basel tree and perennial substrate**  
On behalf of the Plant Use Research Group
- 23 March 2023** Xi Shu & Dr. Long Xie, University of Helsinki, Finland  
**Children's perspectives on urban greenspaces**  
On behalf of the Urban Ecology Research Group
- 13 April 2023** Dr. Beatrice Kulli Honauer & Gabriel Gerner, IUNR  
**Closing nutrient cycles through hydrothermal carbonization of sewage sludge**  
On behalf of the Soil Ecology Research Group
- 27 April 2023** Dr. Olha Chusova, IUNR & National Academy of Sciences of Ukraine, Kyiv  
**The ecological niche of plants revisited from a local experimental and a continental database view**  
On behalf of the Vegetation Ecology Research Group
- 11 May 2023** Dr. Long Xie & Xi Shu, University of Helsinki, Finland  
**How to establish green roofs to support plant growth**  
On behalf of the Urban Ecology Research Group
- 25 May 2023** Dr. Diego Tonolla, IUNR  
**Drone-based thermal infrared imagery: Potential and challenges for the detection and characterization of river temperature heterogeneity**  
On behalf of the Ecohydrology Research Group

Coordination: Prof. Dr. Jürgen Dengler (juergen.dengler@zhaw.ch)