

Quelle: Atlas der Donauländer, Österreichisches Ost- und Südosteuropa-Institut, Wien 1984

**Organizers:**

Working Group Sustainability / Soil Protection of the Working Community of the Danube Regions,  
Soil and Sustainable Operations Network (SONDAR) - EUSDR PA6 Biodiversity, Landscape, Quality of Air and Soil Taskforce,  
University of Natural Resources and Life Sciences (BOKU), Bio Research Austria, Federal Agency of Water Management,  
Healthcross, Soil, Bioenergy and Sustainability Network Lower Austria/Europe (BIENE) on behalf of the Agricultural District  
Authority, Lower Austria

**Cooperation  
Partners:**



Arbeitsgemeinschaft  
Donauländer

Pracovní Společnosti  
Podunajských Zemí

Pracovní Společnosti  
Podunajských Krajín

Дружини Тартоманок  
Мункачозсége

Radna Zajednica  
Podunavskih Regija

Radna Zajednica  
Podunavskih Zemalja

Comunitatea de Lucru  
A Statorilor Dunărene

Работна Обшност  
Дунавски Страни

Робоча Спільнучність  
Придунайських Країн

**28<sup>th</sup> Conference of the Working Group Sustainability / Soil Protection  
of the Working Community of the Danube Regions**

**Soil Ecosystem Services in Agricultural Landscapes**

**on the example of Hedgerows**

**Best Practices & Multiplier Training for Soil Health and Food**

**Contributions to enhance Soilprotection, Productivity, Climate Change Adaptation & Biodiversity**

In this conference participants will share and discuss recent information on the vital role of hedgerows in agricultural landscapes in the Danube region and other parts of the world. It is well and for long established that hedgerows contribute significantly to improved micro climate and wind erosion control in open landscapes. This has been the main motivation for regions such as Lower Austria in the middle of the 20<sup>th</sup> century to assign their land reform authorities to support the development of hedgerows in cooperation with the farmers. Since then, numerous other functions and ecosystem services of hedgerows have been explored, including benefits for crop production, climate change adaptation, soil protection, biodiversity and flood prevention. Recent studies and practical experience impressively demonstrate the multiple functions of hedgerows.

This conference will provide a forum for scientists and innovative practitioners to share their data, views and experiences, and to discuss future perspectives and further developments. Presentations will be given at BOKU's University and Research Centre Tulln (UFT). The program will also include related presentations on soil monitoring. Real world examples of hedgerows and their services will be demonstrated and discussed during field excursions to the demonstration farm Binder in Untermallebarn and to the Grand Farm at Absdorf. The conference will serve as open forum for the exchange of ideas, knowledge and know-how between different groups of stakeholders interested in hedge rows and their benefits for humans and the environment.

**REGISTRATION**

Via [www.unserboden.at/registration](http://www.unserboden.at/registration)

**The Conference is planned only with invited Speakers. The current Health regulations will be considered during the Conference. If allowed a Participation at the Excursions is possible, but only with a confirmed Registration. The participants themselves have to organize the journey to the Excursion locations.**

**Number of participants at the Excursion is limited!**, registrations are only valid after Confirmation

**Entrance only possible with valid 3-G verification concerning COVID-19 (Selftest are not valid!)**

**WEDNESDAY, SEPTEMBER 15<sup>TH</sup> & THURSDAY, SEPTEMBER 16<sup>TH</sup>, 2021**

UFT / BOKU TULLN, KONRAD LORENZSTRASSE 24, 3430 TULLN AN DER DONAU / ÖSTERREICH

FRANZ BINDER / 2011 UNTERMALLEBARN

GRAND FARM / 3462 ABSDORF – DETAILS: GOOGLE MAP

**Public transport:** You can reach "Tulln an der Donau" by train from Vienna, Krems or St. Poelten.

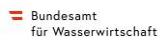
It takes 10 minutes to walk from "Tulln an der Donau" to the UFT.

Note: Please do not mistake it for Tullnerfeld station and "Tulln Stadt", which is approx. 10 km south of Tulln.

**Arrival with car:** Entrance via roundabout „Baumschule“ – Ambulance, Dr. Karl Landsteiner Straße, parking lot at Gregor-Mendel-Straße. – see attached plan.

Note: Entrance via Frauenhofener Straße and Konrad Lorenzstraße ends before reaching the location!

**Contact:** Klemens Rybaczek, Association BIENE (Soil-, Bio-Energy and Sustainability Network NÖ/EU)  
klemens.rybaczek@biene-netzwerk.at / +43664 538 93 77



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Wednesday September 15<sup>th</sup>, 2021

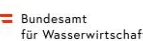
## Hedgerows support multiple Ecosystem Services in Agricultural Landscapes Contributions to enhance Soilprotection, Productivity, Climate Change Adaptation & Biodiversity

Moderation: Erwin Szlezak, Agricultural District Authority, Lower Austria, WG Danube Countries (AT)

Conference language: EN, Workshop and Field Trip DE

- 8:00 am – 08:30 am **Arrival / Registration at UFT Tulln**  
UFT / BOKU TULLN, KONRAD LORENZSTRASSE 24, 3430 TULLN AN DER DONAU / AT
- 08:30 am – 10:30 am **Opening of the Conference and Keynotes**  
**Soil-protection, Productivity, Climate change adaptation & Biodiversity**  
Erwin Szlezak, Agricultural District Authority, Lower Austria, WG Danube Countries (AT)  
Walter Wenzel, BOKU (AT)  
Eva Erhart, Bioforschung Austria (AT)  
Jaroslav Zahora, Mendel University Brno (CZ)  
Christian Steiner, European Land and Soil Alliance - ELSA (AT)  
Sara Hellen Kaweesa, BOKU (Uganda)  
Willibald Loiskandl, BOKU (AT)  
Peter Strauss, Federal Agency of Water Management (AT)  
Wilfried Hartl, Bioforschung Austria (AT)  
Franz Binder, Farmer (AT)
- 10:30 am – 10:45 am **Keynote**  
**EU Mission Soil Health and Food / Implementation of Lighthous Farms**  
Alfred Grand, Grand Farm (AT)
- 10:45 am – 12:15 pm **Workshop and Exhibition Painting “Colours of the Earth” – Workshop Language DE**  
Michael Pollak, wpa (AT)  
Franz Rybaczek, Soil Bioenergy and Sustainability Network (AT)  
Irena Racek, Artist (AT / SK)
- 12:15 pm – 1:15 pm **Lunch**
- 1:15 pm – 1:30 pm **Group Picture, Description and Discussion of soil profile behind UFT (soil class room)**  
Walter Wenzel, BOKU (AT)
- 1:30 pm **Departure from UFT Tulln**
- 2:30 pm – 7:00 pm **Field Trip to FRANZ BINDER, Demonstrationsfarmer, private cars (Tulln -> Untermallebarn) (Field Trip Language DE)**  
Field Trip Guide: Franz Binder (AT)  
Input from:  
Lorenz Mayr, Chamber of Agriculture Lower Austria, Vice President (AT)  
**FRANZ BINDER / 2011 UNTERMALLEBARN**
- Field Trip to GRAND FARM for Research and Demonstration, private cars (Untermallebarn -> Absdorf) (Field Trip Language DE)**  
Field Trip Guide: Alfred Grand / GRAND FARM (AT)  
Input from:  
Franz Dam, Mayor of Absdorf (AT)  
**GRAND FARM / 3462 ABSDORF – DETAILS: GOOGLE-MAP**
- 7:00 pm – 10:00 pm **Networking for Projects in the fields of Soil, Sustainability and Health**
- 10:00 pm **End of Conference day 1 - private cars (Absdorf -> Tulln)**

Cooperation  
Partners:



Sponsored by:



Thursday September, 16th, 2021

## Soil Ecosystem Services in Agricultural Landscapes – Best Practices & Multiplier Training for Soil Health and Food

Moderation: Erwin Szlezak, Agricultural District Authority, Lower Austria, WG Danube Countries (AT)

Conference language: EN

08:30 am – 9:00 am

### Arrival / Registration at UFT Tulln

UFT / BOKU TULLN, KONRAD LORENZSTRASSE 24, 3430 TULLN AN DER DONAU / AT

09:00 am - 1:00 pm

### Keynote

#### Best Practice Examples on Soil ecosystem services

Wojciech Rogalski, Municipality of Vienna (AT)  
Meinhard Breiling (AT), Cooperation between University of Architecture and Urbanism Bucharest and TU Wien, Technic, Tourism and Landscape  
Marius Voica, University of Architecture and Urbanism Bucharest (RO) (tbc) – [Video Message](#)  
Dumitru Drumea, ULIM Chisinau (Moldova)  
Antonin Okenka, Mayor Nova Lhota (CZ)  
Sara Hellen Kaweesa, BOKU (AT)  
Brian Oldreive, Foundation for Farming (Zimbabwe) – [Video Message](#)  
Jeff Moyer, Rodale Institute (USA) (tbc) – [Video Message](#)  
Detlef Walter, Agroservice (AT)  
Robert Peticka, University of Vienna (AT)

### Keynote

#### Communication Examples on Soil Ecosystem Services

Martina Nagl, Climate Alliance Austria (tbc) (AT)  
Andreas Scherlowsky, University of Vienna (AT)  
Franz Rybaczek, Soil Bioenergy and Sustainability Network (AT)

1:00 pm – 2:00 pm

### Lunch and Exhibition Painting with the Colours of the Earth and Description and Discussion of soil profile behind UFT (soil class room)

2:00 pm – 2:30 pm

### Keynote

#### EU Mission Soil Health and Food

Cees Veerman / Chairman EU Mission Soil Health and Food (NL)

2:30 pm – 6:30 pm

### Best Practice EU Cross Border Activities in the fields of Health and Soil Health and Food

#### Healthacross – cross-border health care provision

Julia Winkler, Healthacross (AT)

#### ACRP EroWin (AT, BE, SK) - Wind erosion in the Pannonian region: A major threat to arable soils under current and future climate conditions?

Thomas Weninger, Federal Agency of Water Management (AT)  
Lenka Laokova, University Nitra (SK) (tbc) – [Video Message](#)  
Kerstin Michel, Federal Forest Office (AT)

#### Interreg Project AT-CZ SYM:Bio - Network of drought-adapted and biodiversity-promoting cultivation in urban and rural areas

Eva Erhart, Bioforschung Austria (AT)

#### Interreg AT-HU AgriNatur - Biodiversity through anthropogenic use of natural resources

Bernhard Kromp, Bioforschung Austria (AT)  
Gabor Koltai, University Mosonmagyaróvár (HU) (tbc) – [Video Message](#)

#### Interreg Project AT-CZ Climategreen – Climate-adaption of green infrastructure

Christiane Hannauer, Regional Government of Lower Austria (AT)  
Antonin Okenka, Mayor Nova Lhota (CZ)

7:00 pm – 7:30 pm

### Soil and Sustainable Operations Network (SONDAR) - EUSDR PA6 Biodiversity, Landscape, Quality of Air and Soil Taskforce Working Programme 2021 and 2022

Erwin Szlezak, Agricultural District Authority, Lower Austria, WG Danube Countries (AT)

### Soil Organic Carbon Monitoring in the Danube Regions: A proposal for joint Activities

Walter Wenzel, BOKU (AT)

7:30 pm – 10:00 pm

### Dinner and Networking for Projects in the fields of Soil, Sustainability and Health

10:00 pm

### End of the Conference

Cooperation Partners:



Arbeitsgemeinschaft Donauländer

Pracovní Společenství Podunajských Zemí

Pracovné Spoločenstvo Podunajských Krajín

Dunamenti Tartományok Munkaközössége

Badna Zajednica Podunavskih Regija

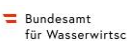
Badna Zajednica Podunavskih Zemalja

Comunitate de Lucru A Statorilor Dunărene

Роботна Обштина Дунавских Страни

Робоча Спільнотність Придунайських Країн

Робоча Спільнотність Придунайських Країн



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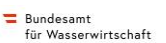
# Plan of UFT Tulln



## Cooperation Partners:



Pracovní Společenství Podunajských Zemi  
Pracovné Spoločenstvo Podunajských Krajín  
Dunamenti Tartományok Munkaközössége  
Badna Zajednica Podunavskih Regija  
Badna Zajednica Podunavskih Zemalja  
Comunitate de Lucru A Stator Dunărene  
Работна Обштина Дунавски Страни  
Робоча Спільнота Придунайських Країн



# Soilmap of the Danube Countries



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