



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), Soil Bioenergy and Sustainability Network Lower Austria/Europe (BIENE) on behalf of the Agricultural District Authority, Lower Austria

Partners:

30th Conference of the Working Group Sustainability / Soil Protection of the Working Community of the Danube Regions

Soil Health and Food in the Danube Region

Data, Mapping, Monitoring, Awareness and Demonstration in the context of the EU Strategie for the Danube Region (EUSDR) and the EU Mission: A Soil Deal for Europe

Observation of spatial and temporal pattern of soil properties has a long tradition in most countries of the Danube region and other parts of Europe. The initial focus on mapping genetic soil units (e.g., soil types) and related aspects of soil fertility has to be broadened to address also other soil and ecosystem services. At global and European level, a holistic soil health framework is under discussion, and may ultimately lead to European soil health legislation. Monitoring frameworks for soil health indicators, related pedotransfer functions, and emerging techniques such as satellite imaging for mapping of soils provide new opportunities to develop more accurate, regularly updated, multi-purpose soil information.

The 30th Conference of the Working Group Sustainability / Soil protection of the Working Community of the Danube Regions will provide a forum for scientists and professionals to discuss the soil health indicator framework and related monitoring activities, as well as soil mapping techniques at national and European scale, with emphasis on the Danube region. Moreover, changing demands for multi-purpose soil maps and information, such as soil data required for supporting spatial information on soil and ecosystem services, soil health policy, including legislation and incentive programmes, will be discussed during the conference.

Painting with the colours of the earth as a communication tool to bring communities and citizens closer to soil.

Workshop Soil missionary earth colours – Communication about Soil.

Visiting Organic Farmer Franz Binder for Multifunctional Hedges + field vegetables and the Grandfarm for Research and Demonstration on Soil Health, Agroforest and Marketgardening.

Including an Online Meeting on Recovery after the damage of war concerning Soil Health and Food in Ukraine.

We welcome contributions addressing one or more aspects of soil health assessment, including methodology, case studies and best practise examples.

REGISTRATION

Via www.unserboden.at/registration

The Conference is planned only with invited Speakers. 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

TUESDAY, SEPTEMBER 12TH & WEDNESDAY, SEPTEMBER 13TH, 2023

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.

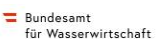
It takes 10 minutes to walk from "Tulln an der Donau" to the UFT.

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





Tuesday September 12th, 2023

Soil Health and Food in the Danube Region

Data, Mapping, Monitoring, Awareness and Demonstration

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

Conference language: EN, Workshop 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 – 8:50 am

Opening of the Conference

Simon Ortner Working Community of the Danube Region (AT)

Konrad Stania Federal Ministry of Agriculture, Forestry, Regions and Water Management (AT)

Christian Steiner, European Land and Soil Alliance (AT)

8:50 am – 9:30 am

Keynotes

EU Mission Soil Deal for Europe

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

9:30 am – 10:00 am

Soil Monitoring in Lower Austria

Walter Wenzel, BOKU (AT)

10:00 am – 12:45 pm

Soil Monitoring in the Danube Region

Günther Aust, Federal Forrester Office (AT) – digital Soil Map (ebod)

Elmar Schmaltz, Federal Agency of Water Management (AT) – Erosion Map of Austria

Pavel Tlustos, Czech University of Life Sciences Prague (CZ) - Biochar -soil amendment or organic fertilizer

Ivan Manolov, Agricultural University, Plovdiv, Bulgaria · Agrochemistry and Soil Science (BGR)

Detlef Walter (DE) – Satellite-based humus management

12:45 pm – 1:00 pm

Group Picture

1:00 pm – 2:00 pm

Lunch

2:00 pm - 4:30 pm

Best Practise Cross Border Activities (Health, Soil Health and Food in the Danube Region)

Foundation for Farming

Brian Oldreive, (ZIMBABWE) - Videomessage

Cooperation between University of Architecture and Urbanism Bucharest and TU Wien

Marius Voica, University of Architecture and Urbanism Bucharest (RO) / Meinhard Breiling (AT)

Parpalea Ana / Musat Ruxandra / Voicu Cretu / Dobromir Bianca, Students (RO)

Projects of Municipality of Nova Lhota

Antonin Okenka (CZ)

Austrian Map for Soil Organic Matter Balances

Eva Erhart, Bioforschung Austria (AT)

Utilization of Organic Amendments to Support the Growth of Cuttings under Dry Conditions

Willi Loiskandl / Monika Sobotik / Mirjam Blecha, BOKU (AT)

Alliance Microplastics free

Daniel Steinitz

Maintainance of Hedges

Benedikt Wallner / Konstantin Greipl, Maschienenring (AT)

Agro-ecological services of hedges for the promotion of biodiversity

Christoph Ableidinger, Bioforschung Austria (AT)

Multifunctional Hedges + field vegetables without irrigation

Franz Binder

Soil and Wildlife Conservation at the Naturverwaltung Colloredo Mannsfeld

Nikodemus Colloredo Mannsfeld

EU Missions – Focus on EU Mission Soil

Theresa van Hoesel, Austrian Research Promoting Agency (AT)

Current Developments in Agriculture in the Republic of Moldova - in Times of EU Integration and

Continuing Mass Emigration

Paulus Adelsgruber, (MDA)

Current Development in Ukraine

Anna Pattermann (UKR)

4:30 pm – 7:00 pm

Workshops

Workshop 1 Soilmonitoring in the Danube Region	Workshop 2 Painting with the colours of the earth
Lead: Walter Wenzel, BOKU (AT) Peter Strauß, Federal Agency of Water Management (AT)	Lead: Franz Rybaczek, Antonin Okenka Soil missionary earth colours – Communication about Soil to People

7:00 pm – 8:00 pm

Dinner

8:00 pm – 10:00 pm

Networking for Projects

10:00 pm

End of Conference day



Cooperation

Partners:



Pracovní Společnost Podunajských Zemi

Pracovné Spoločenstvo Podunajských Krajín

Dunamenti Tartományok Munkaközössége

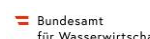
Radna Zajednica Podunavskih Regija

Radna Zajednica Podunavskih Zemelja

Comunitatea de Lacuri A Statelor Dunărene

Рибарска Обштина Дунавски Страни

Рибарска Спільнота Придніпунських Країн



Sponsored by:





Wednesday September, 13th, 2023

Soil Health and Food in the Danube Region

Data, Mapping, Monitoring, Awareness and Demonstration

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

Conference language: EN / Workshop: DE

08:00 am – 8:30 am

Arrival / Registration at UFT Tulln

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

8:30 am – 9:00 am

EUSDR PA6 Biodiversity, Landscape, Quality of Air and Soil Taskforce - Soil and Sustainable Operations Network (SONDAR)

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

Antonin Okenka, Municipality of Nova Lhota (CZ) / Jaorslav Zahora, Mendel University Brno (CZ)

Gabor Koltai, Landwirtschaftliche Facultat Mosonmagyaróvár, Széchenyi István Universitat (HU)

Marius Voica, University of Architecture and Urbanism Bucharest (RO)

Meinhard Breiling (AT)

Paulus Adelsgruber (MDA)

9:00 am - 10:30 am

Country reports and Best Practise Cross Border Activities

Health, Soil Health and Food in the Danube Region

Healthacross – cross-border health care provision

Elke Ledl (tbc) / Kerstin Kolm / Iris Übel, Healthacross (AT)

Interreg Project AT-CZ AGRISAN - Healthy and drought-adapted management of soil and landscape

Jaroslav Zahora, Mendel University Brno (CZ) / Christoph Reithofer, Bioforskung Austria (AT)

Plants4cooling – Cooling effect of plants and new instruments in the application of climate adaptation measures (in development)

Stephan Streicher, Nature in the Garden (AT) / Erwin Szlezak, WG Danube Countries (AT)

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

Olga Krizová, Zera (CZ) (tbc) / Christoph Reithofer, Bioforskung Austria (AT) / Erwin Szlezak (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)

Interreg AT-HU AgriNatur - Biologische Vielfalt durch anthropogene Nutzung der natürlichen Ressourcen (Presentation in DE Language)

Gábor Koltai - Renátó Kalocsai - Gyula Pinke - Albert Casimir, Landwirtschaftliche Facultat

Mosonmagyaróvár, Széchenyi István Universitat HU) / Christoph Reithofer, Bioforskung Austria (AT)

Interreg Central Europe - Carbon Farming Central Europe

Christoph Reithofer, Bioforskung Austria (AT)

Recent developments in Moldova and neighbouring Odessa region

Paulus Adelsgruber (MDA)

Sustainability in the lower Danube Region

Ivona Savin (RO) - Videomessage

11:00 am – 12:00 pm

Online Meeting

Recovery after the damage of war concerning Water and Soil in Ukraine

Moderation: Meinhard Breiling (AT)

Anna Pattermann (UKR)

Dr. Volodymyr Yurishinets / Dr. Artem Lyashenko, Institute of Hydrobiology, Ukrainian Academy of Sciences in Kiev (UKR) (tbc)

12:00 pm – 1:00 pm

Lunch and Description and Discussion of soil profile behind UFT (soil class room)

1:00 pm

Departure from UFT Tulln

1:30 pm – 3:30 pm

Field Trip to FRANZ BINDER for Multifunctional Hedges + field vegetables without irrigation + Treeroots uncovered, private cars

(Tulln -> Untermallebarn) (Field Trip Language DE & EN)

Field Trip Guide: Franz Binder, FARMER (AT) / Walter Wenzel, BOKU (AT) / Dieter Haas / Wilfried Hartl, Bio

Forschung Austria / 2011 UNTERMALLEBARN / Meetingpoint: Field shrine between Höbersdorf and Untermallebarn

(L1089), 2011 Höbersdorf. Parking on Fieldroad

4:00 pm – 5:00 pm

Field Trip to Soil and Wildlife Conservation at the Naturverwaltung Colloredo Mannsfeld

2011 SIERNDORF - DETAILS: GOOGLE-MAP

Field Trip Guide: Nikodemus Colloredo Mannsfeld

5:30 pm – 7:00 pm

Field Trip to GRAND FARM for Research and Demonstration + Agroforest + Soil Health + Marketgardening , private cars (Sierndorf -> Absdorf) (Field Trip Language DE & EN)

Field Trip Guide: Alfred Grand & Johannes Pelletier, GRAND FARM (AT) /

GRAND FARM / 3462 ABSDORF – DETAILS: GOOGLE-MAP

7:00 pm – 9:00 pm

Networking for Projects

9:00 pm

End of Conference day – at Field Trip location

Cooperation
Partners:



Arbeitsgemeinschaft
Donauländer

Pracovní Společnost
Podunajských Zemi

Pracovné Spoločenstvo
Podunajských Krajín

Dunamenti Tartományok
Munkaközössége

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Comunitatea de Lacuri
A Statelor Dunărene

Рибарска Обштина
Дунавски Страни

Рибарска Спільнота
Придніпунських Країн



Bundesamt
für Wasserwirtschaft



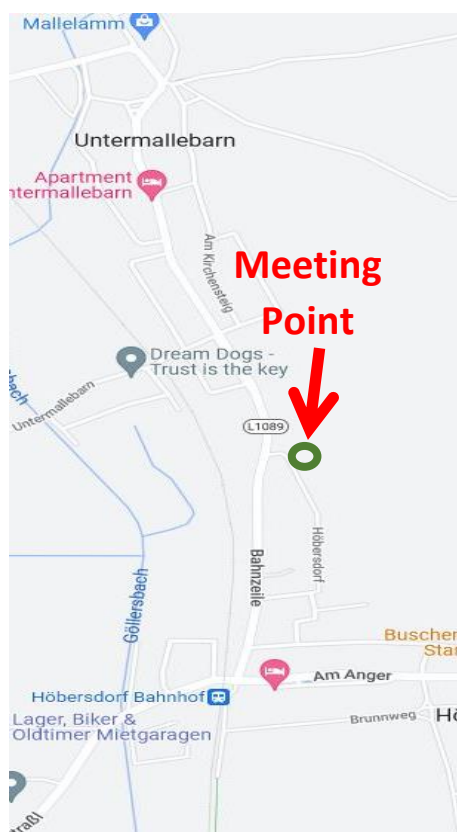
unser Boden
wir stehen drauf!
sinnvoll nutzen, sorgsam schützen!

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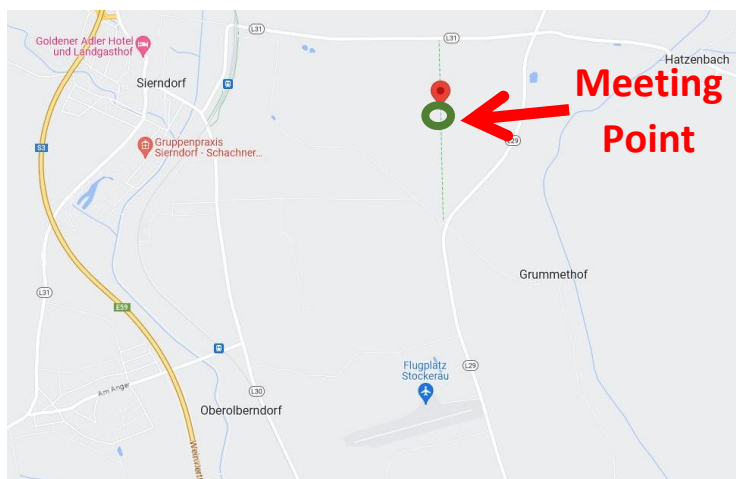
Plan Fieldtrip Binder



Plan Fieldtrip Grand



Plan Fieldtrip Sierndorf



unser Boden
wir stehen drauf!
sinnvoll nutzen, sorgsam schützen!

**Klima- und Energie-
Modellregionen**
Wir gestalten die Energiewende

Wagram