

Invitation to the Annual Meeting of the Austrian Soil Science Society  
in cooperation with EJP SOIL

Topic: **“Soil Health and Carbon Farming”**

Date: **21<sup>st</sup> September 2022**

Venue: BOKU Schwackhöferhaus, Peter-Jordanstr. 82, 1190 Vienna  
Aula and Seminarräume 6, 8, 9, 10; ONLINE participation is possible for lectures, pls. register\*

**Soil health** is essential for supporting soils functions and their vital ecosystem services, including food and water supply, nutrient cycling, carbon storage, support to biodiversity and maintaining of landscape functions. The European Union has started the mission Soil Health and is preparing a Soil Health Law aiming at the transition towards healthy soils by 2030. In addition, soils play a growing role for climate change mitigation and adaptation. **Carbon Farming** is an approach to optimize carbon sequestration on managed land by implementing practices that are known to improve the rate at which CO<sub>2</sub> is removed from the atmosphere and stored in soil organic matter of croplands, grasslands and forests. As an incentive for carbon farming Carbon Credit Markets launch market-driven solutions that reduce atmospheric greenhouse gases, preserve land, and generate income for farmers. Potentials for alternative management methods like agroforestry and regenerative farming will increase. The implementation of carbon farming calls for new and better **soil monitoring**. These challenges raise an urgent need for **networking** between young scientists, between scientists and funders, practitioners, policy makers and governmental institutions, which we all cordially invite to join our meeting. We especially welcome poster presentations on running projects.

You are invited to join or/and present a poster of your research work. Participation is free. Please register per Email to [Claudia.Haumer@bfw.gv.at](mailto:Claudia.Haumer@bfw.gv.at).

Deadline for poster-registration and participation on site: 12th September 2022. (Poster size max. A0, “portrait”. Pls. announce your prospective poster title, authors and affiliations with your registration.)

**\*Online participation is possible from 9:00-10:45.** Please use this link to register:

<https://bokuvienna.zoom.us/meeting/register/tJErc-yprz8rGtFKSsDTbD3kLzAnEVPhUo3X>

on site:

**A valid CoVID test has to be shown (foto of antigen self-test plus date and name is accepted; as well as official PCR- or antigen tests)**

## Program

8:30-9:00 Registration and CoVid Test check

9:00-9:15 Welcome and Introduction (Andreas Baumgarten and Sophie Zechmeister-Boltenstern)

9:15-9:45 **Keynote Martin Wiesmeier, LFL Freising: Carbon farming and carbon credits for climate mitigation: opportunities and challenges**

9:45-10:45 **Soil Organic Carbon - trigger presentations** (12 Minutes) chair Evi Oburger:  
Heide Spiegel, AGES: CARbon Sequestration in Austrian Soils – Selected results of the CASAS project

Katharina Keiblinger, BOKU: Soil organic carbon indicators for sustainable and climate change resilient food production systems

Walter Wenzel, BOKU: Soil carbon inventories in Austria

Martin Gerzabek & Franz Zehetner, BOKU: Development of SOC stocks during soil development using the example of the Galápagos Islands

10:45-12:15 **Poster Presentations** with coffee plus **networking at the posters**

Online voting – best poster award:

Either use the link: <https://tinyurl.com/oebg22> or log in via: <https://www.slido.com> and **#oebg22** or use the **QR code** on the right.

QR code: online voting best posters

*12:15-13:30 Lunch Buffet*

13:30-15:00 (*change at 14:15*) **Working groups** – on the topics of

- (1) Carbon and Climate**
- (2) Farming for Soil Health**
- (3) Soil Monitoring**
- (4) Forest Soil Management and Agroforestry**

*15:00-15:30 Coffee break*

15:30 – 17:00 Reports from Working Groups, **Synthesis and Wrap Up, Best Poster Award.**  
(Chair Martin Gerzabek)

*17:00 Cold buffet and beverages*

17:30 **SOIL QUIZ** in teams of 5 people – Prizes to be won!

18:00 World premiere: **Humusfilm** (A. Baumgarten)

Organization: Sophie Zechmeister-Boltenstern, Andreas Baumgarten, Martin Gerzabek, Evi Oburger, Michael Englisch, Karin Slama, Eva Ecker, Rajasekaran Murugan, Ulises Ramon Esparza, Peter Strauss, Sigbert Huber, Sigrid Schwarz, Alfred Pehamberger.



Foto S. Zechmeister-Boltenstern