

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

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

Date: **21st September 2022**

Venue: BOKU Schwackhöferhaus, Peter-Jordanstr. 82, 1190 Vienna
Aula and Seminarräume 6, 7, 8 und 9;

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 CO₂ 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.

Deadline for registration: 12th September 2022. The meeting will be held in accordance with the autumn CoVid-regulations.

(Poster size max. A0, “portrait”. Pls. announce your prospective poster title, authors and affiliations with your registration.)

Preliminary Program

8:30-9:00 Registration

9:00-9:15 Welcome and Introduction

9:15-9:45 **Invited Keynote Lecture on Carbon Farming** (t.b.a.)

9:45-10:45 **Trigger presentations** (12 Minutes) (draft titles):

Heide Spiegel, AGES: CARbon Sequestration in Austrian Soils – Results of the CASAS project
Gernot Bodner und Kathi 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 One-minute **Poster Pitches**, thereafter coffee plus **networking at the posters**

12:15-13:30 Lunch Buffet

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

(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: Peter Strauß)

17:00 Cold buffet and beverages

17:30 **SOIL QUIZ** in small groups – Prize to be won!



Foto S. Zechmeister-Boltenstern