



## 3<sup>rd</sup> ANNOUNCEMENT

International Conference and Workshop on

# Alternatives to Reduce Soil Degradation

May 7, 2024, Budapest, Hungary

**Main organizer:**

HUN-REN Centre for Agricultural Research, Institute for Soil Sciences (Talajtani Intézet - TAKI, Budapest)

**Co-organizer:**

Committee on Soil Sciences, Water Management, and Plant Cultivation, Hungarian Academy of Sciences (TVNTB MTA)

**Aim of the conference:** This conference seeks to promote interdisciplinary partnerships and facilitate the exchange of knowledge, with the goal of better understanding the intricate complexities of soil and assessing potential toward sustainable development. The conference includes a joint TUDI project workshop on the theme of transforming unsustainable farming practices, closely linked to the fight against soil degradation.

**Special conference theme:** The main focus of the conference will be on soil conditioning and how to improve soil quality in practice.

**Key topics:**

- Application of effective measures to mitigate the negative impacts of soil degradation processes.
- Soil amendments and soil conditioner (incl. fertilization and inhibitor treatment): their potential benefits to meet the demands of improving yields without compromising the environment.
- Soil and plant health monitoring for more sustainable agriculture practices.
- Proximal and remote sensing as a complementary tool for studying changes in soil processes.

**Participation:** Participation is FREE but registration is required

**Registration and abstract submission:** Registration is now open, please fill out the [Abstract submission and registration form](#)

**NEW DEADLINES:**

Abstract submission deadline is extended: **April 24, 2024**; Decision April 26, 2024.

Registration deadline: **May 3, 2024**.

**Language:** the language of the conference is **English**.

## Preliminary schedule

<u>8:00-9:00</u>	<u>Registration</u>
9:00-9:05	Conference opening - DSc. László Pásztor, Director of HUN-REN ATK, Institute for Soil Sciences
<b>9:05-10:35</b>	<b>Identifying and reducing soil degradation – actions in TUDI Project</b> (chair: Ágota Horel)
<u>10:35-10:45</u>	<u>Coffee break</u>
<b>10:45-12:15</b>	<b>Soil amendments, plant and soil health</b> (chair: Márk Rékási)
<u>12:15-13:00</u>	<b>Dispute</b> on national experiences in soil amendments and how to improve soil health (moderated)
<u>13:00-14:00</u>	<u>Lunch</u> (sandwiches)
<b>14:00-15:00</b>	<b>New technologies in soil science – AI and proximal sensing</b> (chair: János Mészáros)
<u>15:00-17:00</u>	<u>Coffee break</u> and <b>poster section</b> (short poster introductions)
17:00-17:10	Conference closing

## Conference venue:

This conference is in a hybrid form, all participants will receive a Zoom link prior to the event.  
*In-person venue:* Institute for Soil Sciences (TAKI, Budapest), Herman Ottó St. 15, 1022, Budapest, Hungary

## Abstracts:

Requirements: Please provide a 200-350 word abstract and the type of section you would like to give your presentation. Please indicate if you are submitting your abstract to give an oral or poster presentation. The abstract should include the title, the name and affiliations of the authors, a short assessment of the research to be presented, keywords, and acknowledgments if applicable. Oral presentations should be 12 minutes long with an additional 3 minutes provided for questions and answers.

Please send your abstract(s) to the online abstract submission form (link: [Abstract submission and registration form](#)). In case of any problem/questions email: [horel.agota@atk.hun-ren.hu](mailto:horel.agota@atk.hun-ren.hu).

## POSTER

Your poster is preferred in *landscape orientation* with the size of max. A0. The on-site presentation of the printed posters will be streamed online and the posters will be available on the HUN-REN ATK cloud for the duration of the conference.

There is going to be an opportunity for the online posters to be presented in PICO presentation form - each in about 3-5 minutes.

**Scientific Committee**

Ágota Horel, PhD (ATK) - chairman, Zsófia Bakacsi, PhD (ATK and TVNTB MTA); Csilla Farkas, PhD (NIBIO, Norway); José A. Gómez, PhD (IAS-CSIC, Spain, TUDi project leader), Gunther Liebhard, PhD (BOKU, Austria); Marianna Makádi, PhD (DE AKIT NYKI); András Makó, DSc (ATK and TVNTB MTA); János Mészáros, PhD (ATK), Tibor Tóth, DSc (ATK and TVNTB MTA).

**Organizing Committee (ATK)**

Márk Rékási, PhD – chairman; Ágota Horel, PhD; Eszter Tóth, PhD; Annamária Laborczi, PhD; Tünde Takács, PhD; Klára Pokovai, PhD; Anita Szabó, PhD; Tünde Takáts, PhD-student; Tibor Zsigmond, PhD-student.

**Contact and information**

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Budapest, April 15, 2024