



Societas pedologica slovacca, o.z.  
Czech Society of Soil Science z.s.  
Soil Science and Conservation Research Institute NPPC Bratislava  
Department of Pedology and Geology, Institute of agronomic Sciences FAPZ SPU Nitra

# Soil Science Days 2024

## Soil sustainability in the context of national and European initiatives

**Liptovský Ján (Hotel SOREA Máj)**  
**September 18. – 20, 2024**



**1. announcement, registration**

### **Scientific committee:**

doc. Dr. Jaroslava Sobocká, CSc.  
prof. Ing. Erika Gömörýová, CSc.  
RNDr. Blanka Ilavská, PhD.  
doc. Ing. Juraj Chlpík, PhD.  
RNDr. Beata Houšková, CSc.  
prof. Ing. Jozef Kobza, CSc.  
prof. Ing. Nora Polláková, PhD.  
prof. Dr. Ing. Bořivoj Šarapatka, CSc.  
prof. Dr. Ing. Luboš Borůvka  
prof. Ing. Radim Vácha, Ph.D.  
RNDr. Anna Žigová, CSc.

### **Organizing committee:**

doc. Dr. Jaroslava Sobocká, CSc.  
prof. Dr. Ing. Bořivoj Šarapatka, CSc.  
RNDr. Blanka Ilavská, PhD.  
prof. Ing. Nora Polláková, PhD.  
RNDr. Beata Houšková, CSc.  
Ing. Karol Végh  
Štěpánka Kaničková

### **Other cooperating organizations:**

Department of Soil Science and Conservation of the Slovak Academy of Agricultural Sciences  
Department of the Pedology Czech Academy of Agricultural Sciences

### **TOPIC OF THE CONFERENCE**

The EU Green Deal needs healthy soils that can provide ecosystem services. Degradation pressures caused by human activity affect the soil through physical and chemical-biological damage. The European Commission presented the new Soil Strategy to 2030, the first European soil protection legislation, including the new EU science and innovation program "Soil Deal for Europe". It aims to establish 100 living laboratories and light houses that will become a milestone in the transition to a healthy soil throughout Europe. As part of soil health monitoring, there will be an obligation to collect data on soil health and evaluate them according to a harmonized methodology.

The goal of the conference is to point out the need to address the current state of soils, to monitor the properties and evaluate agricultural, forest and urban soils, to propose sustainable management with the aim of transforming the EU into the first climate-neutral continent. The 2030 Soil Strategy, the Soil Monitoring and Resilience Directive, the European Soil Observatory (EUSO) and the of EU Soil Mission Board is very good news for soil scientists. The topics of soil sustainability should resonate not only in the ranks of scientists, but also among experts in state and public administration or practice.

### **Blocks of lectures**

1. Research and development of agricultural soils in the context of new initiatives
2. Research and development of forest soils in the context of new initiatives
3. Innovative approaches to soil monitoring and evaluation (modelling, IT tools, pedometrics, Remote Sensing)
4. Section in English (any topic)

### **PRELIMINARY PROGRAM**

#### **Wednesday 18.09.2024**

8:00 – 10:00 Registration (coffee, tea, water,)  
10:00 – Opening of the conference, key lectures  
12:00 – 14:40 Lunch  
14:00 – 15:30 Block of lectures  
15:30 – 16:00 Break (coffee, tea, water,)  
16:00 – 17:30 Block of lectures

19:00 – Social evening (music)  
Poster sections during breaks and lunch

### **Thursday 19.09.2024**

9:00 – 10:30 Block of lectures  
10:30 – 11:00 Break (coffee, tea, water,)  
11:00 – 12:00 Block of lectures  
12:00 – 14:40 Lunch  
14:00 – 15:30 Block of lectures  
15:30 – 16:00 Break (coffee, tea, water,)  
16:00 – 17:00 Block of lectures  
17:30 – 18:30 Dinner  
18:30 – Meeting of the ČPS and Societas pedologica slovacica committees  
Poster sections during breaks and lunch

### **Friday 20.09.2024**

8:00 – soil science field excursion to the surroundings of Liptovský Ján, closing at 3:00 p.m., departure of participants. Organized by the Department of Pedology and Geology of the ÚAV FAZP SPU.

### **MEALS**

Meals on the days of the conference (except breakfast) are provided by the organizing committee and are part of the registration fee (Wed: lunch, social evening, Thu: lunch, dinner, Fri: meal package). Everyone provides their own breakfast.

Lunches and dinners will be provided in the dining room of the SOREA Máj hotel.

### **ACCOMMODATION**

Accommodation is provided by each conference participant himself. Rooms are reserved at the SOREA MÁJ hotel at [www.sorea.sk](http://www.sorea.sk). Enter the keyword "pedology" in the subject of the reservation.

1-bed room with the possibility of an extra bed  
2-bed room with the possibility of an extra bed (twin beds)  
2-bed room (joined beds)

Prices: adult person on a fixed bed **51.30 eur/night**

adult person on an extra bed **38.19 eur/night**

The prices are listed including VAT.

The price for 1 person includes: entrance to the pool, parking, Wi-Fi connection.

The price does not include the KTX accommodation tax of **1.50 eur /person/night**.

#### Other accommodation options:

Pension Horec <https://horecliptov.sk/> – 5 minutes on foot from the hotel SOREA Máj

Hotel Strachanovka <https://www.strachanovka.sk/> – 5 min. on foot from the hotel SOREA Máj

Hotel Avena <https://avena.sk/> – 10-15 min walk from the hotel SOREA Máj

Pension Limba - <https://www.penzionlimba.com/> – 20 minutes on foot from the hotel SOREA Máj



### **TRANSPORT CONNECTION**

The village of Liptovský Ján has an excellent transport location, it is located right at the exit from the D1 highway between Liptovský Mikuláš and Poprad, also there is a train connection with the west-east direction and vice versa. It is 7 km from Liptovský Mikuláš (accessible by bus and car).

The village is a spa resort located between the Low and High Tatras in the Jánská dolina. In the cadastre, healing thermal water in a natural spring is located. The village belongs to the monument zone, there are about 50 mansions and manor houses from the 16<sup>th</sup> and 17<sup>th</sup> centuries. More information is available at [www.janskadolina.sk](http://www.janskadolina.sk).

### **FIELD PEDOLOGICAL EXCURSION**

A field pedological excursion will be prepared in the vicinity of Liptovský Ján (pedological pits in the forest ecosystem) with a visit to interesting locations (possibly other locations, we will specify).

### **REGISTRATION FEE**

Registration fees include organizational costs, refreshments during breaks, social evening, 2x lunches, 1x dinner, pedological excursion.

Basic fee for SPS and ČPS members .....**160 eur**

Basic fee for non-members of SPS and ČPS.....**180 eur**

Doctoral students, non-working pensioners.....**120 eur**  
Payment of the registration fee: until **June 30, 2024.**

### **PAYMENT**

Všeobecná úverová banka,  
pobočka Bratislava-Ružinov, Kaštieľ'ska 210/2, 821 05 Bratislava  
IBAN: **SK49 0200 0000 0042 9139 9151**  
SWIFT: SUBASKBX  
IČO: 30858895  
Account name: Societas pedologica slovac  
Constant symbol: 0308  
Variable symbol: 2024  
Please, mark the name(s) of the participants in the message for the recipient.

### **ABSTRACTS**

An abstract is a short, precise, concrete, and concise description of the contribution content without tables, figures and literature. It must not exceed 1800 characters without spaces (A4) and the text should contain title, name and working place, e-mail keywords and acknowledgments in SK, CZ or EN language. Contributions that will be proposed for oral presentations, or the posters we will announce in the second circular of the conference, which will be distributed during the month of July/August 2024.

After the approval of the organizing committee, the abstracts will be part of the Book of Abstracts (with ISBN). They can be sent as part of registration. The deadline for registration and abstract delivery is **June 30, 2024.**