

## TOPICS

- **Geotechnical investigation and ground modelling**
  - I.1. Site investigation
  - I.2. Laboratory testing
  - I.3. Experimental and numerical modelling
  - I.4. Geotechnical parameters
- **Geotechnical design**
  - II.1. Eurocodes
  - II.2. Geotechnical structures
  - II.3. Ground improvement
  - II.4. Ground reinforcement / geosynthetics
  - II.5. Infrastructure works
  - II.6. Rehabilitation of geotechnical structures
- **Geo-hazards**
  - III.1. Landslides
  - III.2. Seismic geotechnical engineering and soil dynamics
  - III.3. Risk management
- **Environmental geotechnics, hydrogeology and energy**
  - IV.1. Environmental geotechnics
  - IV.2. Hydrogeology
  - IV.3. Energy geotechnics
- **Information technology in Geotechnical Engineering**
  - V.1. Building Information Modelling (BIM) in Geotechnical Engineering
  - V.2. Application of Artificial Intelligence (AI) and Machine Learning (ML) in Geotechnical Engineering
  - V.3. New geotechnical instrumentation, sensors and sensing technologies
  - V.4. Big data and databases in geotechnical engineering
  - V.5. Imaging technologies in geotechnical engineering

## PROVISIONAL SCHEDULE

	Day 1, Wednesday, 7.06.2023	Day 2, Thursday, 8.06.2023	Day 3, Friday, 9.06.2023	Day 4, Saturday, 10.06.2023
8:00 - 9:00		8:00 - 9:00 Registration and welcome coffee	8:00 - 9:00 Registration	Technical visit
9:00 - 10:00		9:00 - 10:00 Opening Terra Grand Ballroom		
10:00 - 11:00			9:00 - 12:30 Plenary session 4 Terra Grand Ballroom	
11:00 - 12:00		10:00 - 12:30 Plenary session 1 Terra Grand Ballroom	10:45 - 11:00 coffee break	
12:00 - 13:00				
13:00 - 14:00		12:30 - 14:00 Lunch@Ramada Parc	12:30 - 14:00 Lunch@ Ramada Parc	
14:00 - 15:00			14:00 - 16:00 Parallel session 1 Terra 1 room	
15:00 - 16:00		14:00 - 16:00 Plenary session 2 Terra Grand Ballroom	14:00 - 16:00 Parallel session 2 Terra 2 room	
16:00 - 17:00		16:00 - 16:30 Coffee break	14:00 - 16:00 Parallel session 3 Terra 3 room	
17:00 - 18:00			16:00 - 16:30 Coffee break	
18:00 - 19:00	17:00 - 19:00 Registration	16:30 - 18:30 Plenary session 3 Terra Grand Ballroom	16:30 - 18:30 Parallel session 4 Terra 1 room	16:30 - 18:30 Parallel session 5 Terra 2 room
19:00 - 20:00	19:00 - 22:00 Welcome Reception @ Ramada		16:30 - 18:30 Parallel session 6 Terra 3 room	
20:00 - 21:00				
21:00 - 22:00	La Parc Restaurant	Gala dinner@ Ramada La Parc & Jasmine restaurants	18:00 - 18:30 Closing	
22:00 - 23:00				Possible organized dinner depending on requests

## TECHNICAL EXHIBITION, SPONSORS

17DECGE will also include a technical exhibition for the companies activating in the field, an opportunity for them to present their products, accomplishments, or technologies and for the participants to find out news and to extend the cooperation.

The exhibition space made available by Ramada Parc is a generous one, being located in the conference hall and allowing mobility for exhibitors and visitors, as well as socialising possibilities.

Interested companies are invited to become partners or sponsors of 17DECGE by consulting the pre-configured sponsorship packages visible on the website or by contacting us for establishing a tailor-made package. Discounts are applied for early-bird payments and for SRGF corporate members.

## LOCATION

Conference will be hosted by the Convention Centre of Ramada Parc Hotel, in the Northern part of Bucharest (Poligrafiei Str. 3-5, Sector 1, Bucharest) (<https://ramadabucharestparc.ro/corporate-events/>)

The Convention Centre provides numerous facilities for such events, including Terra Grand Ballroom with a capacity of max. 400 people and the possibility of splitting it in several smaller session rooms, where the conference will take place. Also, the venue offers a generous space for the technical exhibition and coffee breaks. Lunch will be served in one of the hotel's restaurants with seated places.

On June, 7th 2023 a welcome garden party on the premises of Ramada Hotel will be offered to all attendees.

Agala dinner will be hosted also by Ramada Parc Hotel on June, 8th. Ramada Parc Hotel offers also accommodation for the attendees (<https://ramadabucharestparc.ro/rooms/>), including access to vitality club (indoor pool, spa, fitness etc.).

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<https://17decge.ro/>



# EUROPEAN GEOTECHNICAL ENGINEERING

## UNITY AND DIVERSITY

## Invitation

7 - 9.06.2023

DANUBE - EUROPEAN CONFERENCE  
ON GEOTECHNICAL ENGINEERING

**17DECGE**  
BUCHAREST

7 - 10.06.2023 Bucharest, Ramada Parc

[17decge.ro](https://17decge.ro/)

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The 17th edition of DECCE will be held in Bucharest, 7 – 10.06.2023, at Ramada Parc hotel, under the auspices of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), being organized by the Romanian Society for Soil Mechanics and Foundation Engineering (SRGF) and the main technical universities involved in this field in Romania. The Conference has as motto: “**European Geotechnical Engineering - Unity and diversity**”.

The general objectives of **17DECCE** are to disseminate the knowledge and the national practices toward all stakeholders in the field, to approach both research and practical topics, but also trans-disciplinary ones and to ensure a forum of discussion for all.

**17DECCE** proposes interesting and diverse topics under the general theme of the conference, plenary and discussion sessions, as well as a technical exhibition.

**17DECCE** will be joined with the 2nd National Symposium on Environmental Geotechnics, now with international attendance, to emphasize the importance of this topic at present. The 1st edition was held in Bucharest in June 2018, benefitting of the presence of the then vice-president for Europe of ISSMGE, Prof. Mario Manassero, who delivered the R.K. Rowe lecture.

**17DECCE** will benefit from an international advisory board and an international scientific committee with members from the Danube countries. We look forward to welcoming you in Bucharest in June 2023.

*Prof. Loretta Batali  
Chair of 17DECCE Conference  
President SRGF*

## ORGANISERS

The 17th edition of the Danube – European Conference on Geotechnical Engineering is organized by the Romanian Society for Soil Mechanics and Foundation Engineering (SRGF), with the support of the main technical universities in the field: Technical University of Civil Engineering Bucharest (UTCB), Technical University „Gheorghe Asachi” Iași, Technical University of Cluj-Napoca and University „Politehnica” Timișoara.



SOCIETATEA ROMÂNĂ DE  
GEOTEHNICĂ ȘI FUNDAȚII



INTERNATIONAL SOCIETY FOR  
SOIL MECHANICS AND  
GEOTECHNICAL ENGINEERING



Universitatea Tehnică  
de Construcții București



Technical University  
„Gh. Asachi” Iași



Technical University  
of Cluj-Napoca



Politehnica University  
of Timișoara

## COMMITTEES

**Conference chair** – Prof. Loretta Batali - President SRGF, Technical University of Civil Engineering Bucharest

**Honorary Conference chair** – Prof. em. Sanda Manea - Honorary President SRGF, Technical University of Civil Engineering Bucharest

### International advisory board – list in progress

Dr. Marc Ballouz – ISSMGE President

Prof. Lyesse Laloui – ISSMGE Vice-President Europe

Prof. Mario Manassero – immediate past Vice-President ISSMGE Europe

Prof. Helmut Schweiger – University of Technology, Graz

Prof. Dietmar Adam – TU Wien

Prof. Milorad Jovanovski – Ss. Cyril and Methodius University Skopje, chairman of 16DECCE

Prof. Andrea Dominijanni – Politecnico Torino, chairman TC 215 ISSMGE

### Scientific committee

**Scientific committee chair** – Prof. Irina Lungu - Vice-President SRGF, Technical University “Gheorghe Asachi” Iași

**Scientific committee vice-chair** – Assoc. prof. Nicoleta Ilieș - Vice-President SRGF, Technical University of Cluj-Napoca

### International Members: list in progress

Prof. Mirjana Vukicevic – University of Belgrade, Serbia

Prof. Katarzyna Zabielska-Adamska - Bialystok University of Technology, Poland

Prof. Sonia Zlatovici – Zagreb Polytechnic, Croatia

Prof. Roman Marte - Graz University of Technology, Austria

Assoc. Prof. Andrei Totsev – University of Architecture, Civil engineering and Geodesy, Bulgaria

Assist. Prof. Erion Bukaci – Universiteti Politeknik i Tiranës, Albania

Assist. Prof. Jovan Papic - Ss. Cyril and Methodius University Skopje, North Macedonia

### National Members:

Prof. Horatiu Popa - Technical University of Civil Engineering Bucharest

Prof. Nicolae Boțu - Technical University “Gheorghe Asachi” Iași

Prof. em. Augustin Popa - Technical University of Cluj-Napoca

Prof. Marin Marin – Politehnica University Timișoara

Prof. em. dhc. Anghel Stanciu - Technical University “Gheorghe Asachi” Iași

Prof. em. Vasile Mușat - Technical University “Gheorghe Asachi” Iași

Prof. Vasile Grecu - Technical University “Gheorghe Asachi” Iași

Assoc. prof. Ernest Olinic - Technical University of Civil Engineering Bucharest

Assoc. prof. Cristian Arion - Technical University of Civil Engineering Bucharest

Assoc. prof. Vasile Fărcaș - Technical University of Cluj-Napoca

Assoc. prof. Ancuța Rotaru - Technical University “Gheorghe Asachi” Iași

Assoc. prof. Ana Nicuță - Technical University “Gheorghe Asachi” Iași

Assoc. prof. Dorel Plătică - Technical University “Gheorghe Asachi” Iași

- cont. -

Lecturer Mircea Aniculăeși - Technical University “Gheorghe Asachi” Iași  
Lecturer Oana Elena Colț - Technical University “Gheorghe Asachi” Iași  
Lecturer Iulia Prodan - Technical University of Cluj-Napoca  
Lecturer Olimpiu Mureșan - Technical University of Cluj-Napoca  
Dr. Mircea Galer – Geostruc Expert Bucharest  
Eng. Dragoș Marcu – Popp & Assoc. Inginerie Geotehnică Bucharest

### Organising committee

Organising committee chair – Eng. Alexandra Ene - Secretary SRGF, Popp& Assoc. Inginerie Geotehnică Bucharest  
Organising committee vice-chair - Prof. Adrian Ciutina - Vice-President SRGF - Politehnica University Timișoara  
Organising committee vice-chair - Eng. Lóránd Sata - Vice-President SRGF, SBR – Soletanche Bachy Fundații Romania, Bucharest

### Members:

Assoc. prof. Andrei Olteanu - Technical University of Civil Engineering Bucharest  
Lecturer Stefan Ardelean - Technical University of Civil Engineering Bucharest  
Lecturer Ioan Boți - Technical University of Civil Engineering Bucharest  
Lecturer Monica Mirea - Politehnica University Timișoara  
Lecturer Alexandra Ciopec - Politehnica University Timișoara  
Lecturer Oana Colț - Technical University “Gheorghe Asachi” Iași  
Lecturer Florin Bejan - Technical University “Gheorghe Asachi” Iași  
Lecturer Dana Madalina Pohrib - Technical University “Gheorghe Asachi” Iași  
Dr. George Tsitsas – GT Ground Engineering & Construction Services Bucharest  
Dr. Dan Carastoian – Proexrom Iași  
Dr. Dumitrica Stefanache – Progecon Iași  
Eng. Traian Ghibuș - Technical University of Civil Engineering Bucharest  
Eng. Dan Iancu – DI&A Design Consulting, Bucharest  
Eng. Florin Damian - Geofor Tehnic Iași  
Eng. Ionela Ionescu – Popp & Assoc. Inginerie Geotehnică Bucharest  
Eng. Denisa Pațica - Technical University of Cluj-Napoca  
Eng. Alexandru Măgureanu - SBR – Soletanche Bachy Fundații Romania, Bucharest  
Eng. Adrian Centea – Cenconstruct Timișoara

## CALL FOR PAPERS

### Key dates:

Abstract submission: 15 June - 31 August 2022

Abstract acceptance: 30 September 2022

Full paper submission: 30 November 2022

Final paper acceptance: 28 February 2023

See the website [17decge.ro](http://17decge.ro) for more information.