Conference topics

1) **Geotechnical characterization and modelling**
2) **Eurocode 2nd generation: design methodologies**
3) **Sustainable geotechnologies and materials**
4) **Urban and transportation geotechnical resilience**
5) **Environmental geotechnics and climate adaptation**
6) **Geohazard, risk, monitoring and mitigation**
7) **Digital transformation and data-driven geotechnics**

Keynote speakers

Lyesse Laloui – EPFL Lausanne, President of ISSMGE
Loretta Batali – UTCB Bucharest, ISSMGE Vice-President for Europe, President of the Romanian Geotechnical Society
Christian Moormann – University of Stuttgart, President of the German Geotechnical Society
Helmut F. Schweiger – Graz University of Technology, President of the Austrian Geotechnical Society
Michela Marchi – University of Bologna
Balázs Móczár – Budapest University of Technology and Economics
Dietmar Adam – Technical University of Vienna
Richard Ray – Széchenyi István University Győr
Franz Tschuchnigg – Graz University of Technology
Attila Szepesházi – Soletanche Bachy Hungary

Technical Visit

Technical visit will be organised on Saturday, 12 June 2027 and details will be provided soon – please check the website for updates.

Technical Exhibition

During the DECGE conference, national and international companies working in the field of geotechnics will have an opportunity to present themselves to the participants. This allows for showcasing new products and capabilities, meeting potential partners, sparking cooperation and exchanging news.
The exhibition will be located in the main foyer of the conference building, in close proximity to the conference hall. Exhibitors may choose from a variety of booth sizes – details are on the website. Sponsors are also welcome. Contact: info@18decge.hu

Registration fees and deadlines

	Early bird 15 Feb – 31 Mar 2027	Regular
ISSMGE members[a]	600 Euro	700 Euro
Non-ISSMGE members	650 Euro	750 Euro
Students[b]	300 Euro	300 Euro
Gala dinner	100 Euro	100 Euro

a: membership confirmed by member society
b: confirmed by the university; aged 35 or under at the time of the conference
Early bird rates apply if paid in full by 31 March 2027. Rates are not subject to VAT.

The registration fee includes:
- admission to technical sessions and exhibition,
- delegate bag with digital proceedings, conference material and complimentary items
- lunch and coffee breaks during the conference
- welcome reception (Wednesday evening, 9 June)

Preliminary schedule

Time	Day 1. Wednesday 9 June 2027	Day 2. Thursday 10 June 2027	Day 3. Friday 11 June 2027	Day 4. Saturday 12 June 2027
8.00–9.00		Registration	Registration	Technical visit
9.00–9.30		Opening ceremony	Plenary session 4.	
9.30–10.30		Plenary session 1.		
10.30–11.00		Coffee break	Coffee break	
11.00–12.30		Plenary session 2.	Plenary session 5.	
12.30–14.00		Lunch	Lunch	
14.00–15.30		Plenary session 3.	Parallel session 4. / Parallel session 5. / Parallel session 6.	
15.30–16.00		Coffee break	Coffee break	
16.00–18.00	Registration / Meeting of European member societies	Parallel session 1. / Parallel session 2. / Parallel session 3.	Parallel session 7. / Parallel session 8. / Parallel session 9.	
18.00–18.30			Closing ceremony	
18.30–19.00				
19.00–20.00	Welcome reception			
20.00–22.00		Gala dinner		
22.00–23.00				

XVIII. DANUBE-EUROPEAN CONFERENCE ON GEOTECHNICAL ENGINEERING

"Geotechnical Engineering for Resilience and Sustainability"

INVITATION · 2nd Bulletin

XVIII DECGE
BUDAPEST 2027
9 – 12 JUNE

Budapest · ELTE Lágymányos Campus

Registration opens in early 2027

18decge.hu | info@18decge.hu

Hungarian Geotechnical Society

International Society for Soil Mechanics and Geotechnical Engineering

2nd Bulletin 18DECGE

The Danube-European Conference on Geotechnical Engineering (DECGE) was conceived in 1963, shortly after the passing of Prof. Karl Terzaghi. In 1964, the Austrian Society of Engineers and Architects (ÖIAV) took the initiative to bring together geotechnical experts from both East and West despite the barrier of the "Iron Curtain."
The Danube region has long faced numerous challenges including flood protection, stability of riverbanks, groundwater management in the hinterlands, hydropower development, and ecological restoration. Today, these challenges are compounded by the impacts of climate change and the need to safeguard one of Europe's most sensitive ecosystems.
Reflecting these realities, the XVIII DECGE will be dedicated to "Geotechnical engineering for resilience and sustainability." The conference will address both long-standing issues and emerging priorities, extending the discussion beyond classical geotechnical topics to the pressing challenges of our time.
Building on the success of the XVII DECGE in Bucharest (2023), Budapest will welcome the geotechnical community in 2027. Having hosted this distinguished conference in 1971 and 1990, Budapest is proud to continue the tradition of knowledge exchange, collaboration, and innovation across the Danube region and beyond.

The Hungarian Geotechnical Society cordially invites you to join us in Budapest from **9 to 12 June 2027.** Further information is available at https://18decge.hu. We look forward to welcoming you!

Edina Koch
Chair of 18DECGE Conference
President of the Hungarian Geotechnical Society

Organizers

The 18th Danube-European Conference on Geotechnical Engineering is organized by the Hungarian Geotechnical Society, in collaboration with the Geotechnical Section of the Hungarian Chamber of Engineers, Széchenyi István University, the Budapest University of Technology and Economics, the Hungarian Tunnelling Association, and Óbuda University.

Hungarian Geotechnical Society

International Society for Soil Mechanics and Geotechnical Engineering

Location

Budapest boasts a wealth of internationally recognised landmarks, with several forming part of the UNESCO World Heritage, such as the Buda Castle District, the Danube riverbanks, the Parliament Building, the Hungarian Academy of Sciences, and the historic Gellért Baths.
Combining a lively cultural scene with a strong academic tradition, the city offers visitors a memorable experience while providing an attractive environment for international conferences and professional dialogue.

Venue

The XVIII DECGE will be held at the Lágymányos Campus of Eötvös Loránd University (ELTE), a leading Hungarian university with a long academic tradition. The campus is located directly beside the Danube on the Buda side of Budapest, between Petőfi and Rákóczi Bridges and close to the city centre. The two distinctive riverside buildings offer a modern venue with spaces suitable for a wide variety of conference sessions and exhibitions. Address: Pázmány Péter sétány 1/A, H-1117 Budapest. The venue is easily reached by public transport from the city centre and Budapest Airport. Information on travel, accommodation and visa invitation letters is available on the website.



Gala dinner

On the evening of Thursday, 10 June 2027, the Gala Dinner aboard the Europa Boat offers a Danube cruise with dinner, stunning views of illuminated Budapest, and ideal networking opportunities.



Committees

Conference chair
Edina Koch – Széchenyi István University Győr, President of the Hungarian Geotechnical Society

Organizing Committee vice-chairs
Benedek Nagy – Mott MacDonald Hungary, Budapest
Zsolt Szilvágyi – Geoplan Ltd, Budapest

Local Organizing Committee
Katalin Glatz – Mott MacDonald Hungary, Budapest
Eszter Horváth-Kálmán – Óbuda University, Budapest
Zsombor Illés – BUTE, Budapest
Orsolya Kegyes-Brassai – Széchenyi István University, Győr
Gábor Kovács – GEO-TERRA Ltd, Budapest
Balázs Móczár – BUTE, Budapest
Péter Nagy – Keller Grundbau GmbH, Budapest
Attila Szepesházi – Soletanche Bachy Hungary, Budapest
László Szilvágyi – Geoplan Ltd, Budapest
Ákos Wolf – Széchenyi István University, Győr

International Advisory Board
Marc Balluz – International IGM, USA
Lyesse Laloui – EPFL, Switzerland
Dietmar Adam – TU Wien, Austria
Loretta Batali – UTCB Bucharest, Romania
Jana Frankovska – Slovak University of Technology, Bratislava, Slovakia
Janko Logar – University of Ljubljana, Slovenia
Igor Pesevski – Ss. Cyril and Methodius University, North Macedonia
Helmut F. Schweiger – Graz University of Technology, Austria

Scientific Committee - International members – list in progress
Andrea Dominijanni – Politecnico di Torino, Italy
António Gomes Correia – University of Minho, Portugal
Goran Vlastelica – University of Split, Croatia
Iulia Consuela Prodan – Expert Proiect, Cluj-Napoca, Romania
Jovan Papic – Ss. Cyril and Methodius University, North Macedonia
Katarzyna Zabielska-Adamska – Bialystok University of Technology, Poland
Laura Tonni – University of Bologna, Italy
Matthias J. Rebhan – Graz University of Technology, Austria
Monika Sulovska – Slovak University of Technology, Bratislava, Slovakia
Paul Vardanega – University of Bristol, United Kingdom
S. Feyza Cinicioglu – Ozyegin University, Istanbul, Turkey
Sonja Zlatovic – Zagreb University of Applied Sciences, Croatia
Suzana Svetlicic – DRI Investment Management, Ljubljana, Slovenia

Scientific Committee - National members – list in progress
András Mahler – BUTE, Budapest
Antal Ürmös – Óbuda University, Budapest
Bence Tamás Papp – FŐMTERV Civil Engineering Consultancy, Budapest
Emőke Imre – Óbuda University, Budapest
Ferenc Scheuring – Soletanche Bachy Hungary, Budapest
Gábor Nagy – BUTE, Budapest
Gergely Murinkó – InnoTech Geo Ltd, Budapest
Imre Honti – FŐMTERV Civil Engineering Consultancy, Budapest
István Kádár – BUTE, Budapest
János Szendefy – BUTE, Budapest
János Szép – Széchenyi István University, Győr
László Szilvágyi – Geoplan Ltd, Budapest
Majid Movahedi Rad – Széchenyi István University, Győr
Miklós Pap – Ludovika University of Public Service, Baja
Péter Turai – Soletanche Bachy Hungary, Budapest
Szilárd Kanizsár – Mott MacDonald Hungary, Budapest
Tamás Kántor – University of Miskolc
Vahid Shafaie – Széchenyi István University, Győr
Zoltán Bán – Mott MacDonald Hungary, Budapest