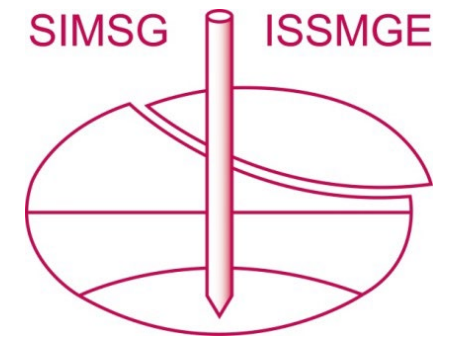


TC Chairs – TOC Meeting

Zoom Meetings – December 2024.

- 15 TC representatives will attend meeting Option I
- 21 TC representatives will attend meeting Option II

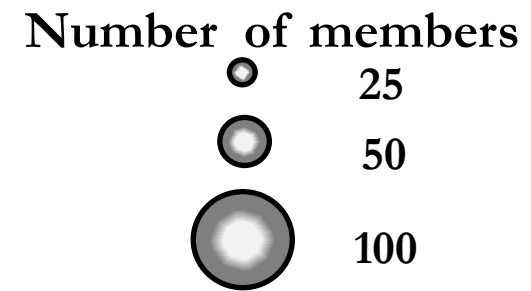


Technical Oversight
Committee (TOC)

➤ Overview

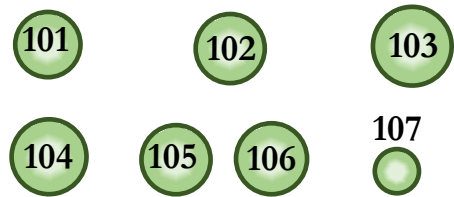
- ✓ The **37 Technical Committees (TCs)** of the ISSMGE are the **foundation** on which the **technical** and **scientific activities** of the ISSMGE are **based**.
- ✓ They are **managed** by a **Chair** and a **Secretary** and, if deemed necessary, a **Vice-Chair**.
- ✓ They are composed of **4 members** appointed by the **Chair** (with voting right), of **2 members** per **Member Society** (with voting right) and of corresponding members (with no voting right, unlimited number).
- ✓ The functioning of the TCs, based on a volunteer basis, is supervised by the **Technical Oversight Committee** and defined in the “**Guidelines for ISSMGE Technical Committees and ISSMGE Honour Lectures**”

➤ Technical Committees Categories



Technical Oversight Committee

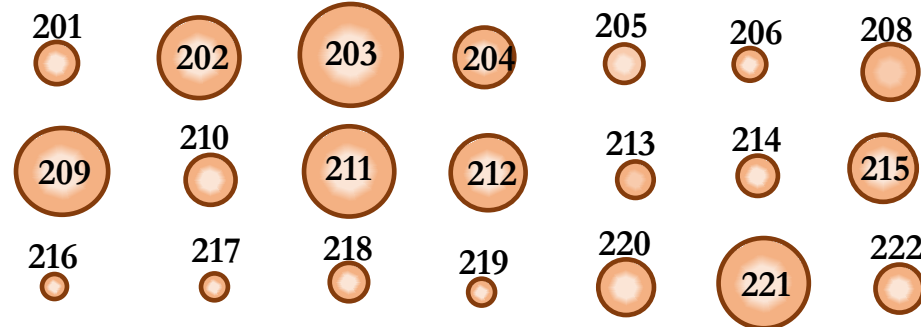
Fundamentals



TC Short Name

101 Laboratory Testing
102 In-Situ Testing
103 Numerical Methods
in Geomechanics
104 Physical Modelling
105 Geo-mechanics
106 Unsaturated Soils
107 Tropical Residual Soils

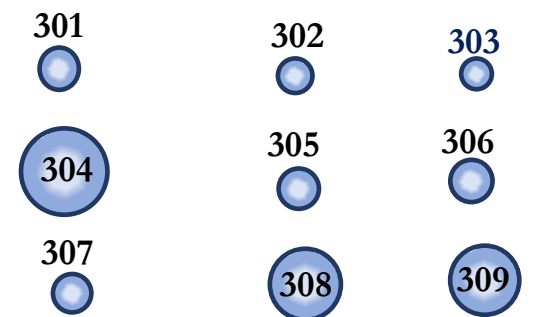
Applications



TC Short Name

201 Dykes and Levees
202 Transportation
203 Earthquake
204 Underground Construction
205 Safety and Serviceability
206 Observational Method
208 Slope Stability
209 Offshore
210 Embankment Dams
211 Ground Improvement
212 Deep Foundations
213 Scour and Erosion
214 Soft Soils
215 Geo-Environmental
216 Frost
217 Land Reclamation
218 Reinforced Fill Structures
219 System Performance
220 Field Monitoring
221 Tailing and Mine Wastes
222 Geotechnical BIM and DT

Impact on Society



TC Short Name

301 Historic Sites
302 Forensic
303 Floods
304 Risk
305 Megacities
306 Geo-education
307 Sustainability
308 Energy Geotechnics
309 Machine Learning

~ 2200 members in all TCs

➤ TOC LEADERSHIP TEAM



Chair: Dr Marcelo Sanchez
Prof. Civil and Environmental Engineering,
Texas A&M University, USA.



Vice-Chair: Dr Susmita Sharma
Assistant Prof. National Institute
of Technology Meghalaya, India.



Secretary: Dr. Mabel Chedid
Senior Geotechnical and Tunnel
Engineer at WSP. Technical Principal.

➤ TOC SUPPORT TEAM



Dr. Pierre Delage
Former TOC Chair



Dr. Dimitrios Zekkos
Appointed Board Member



Dr. Mona El-Din Anwar
Professional Image Committee

Vice Presidents



Dr. Marawan Shahien
Africa



Dr. Keh-Jian Shou
Asia



Mr. Graham Scholey
Australasia



Dr. Lyesse Laloui
Europe



Dr. Walter Paniagua
North America



Dr. Andre P. Assis
South America

Meeting Agenda

TC Chairs - TOC Meeting –December 2024



**Technical Oversight
Committee (TOC)**

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 - [Available IITTs](#)
9. **Monitoring of TCs Activities and Performance (Sanchez).**

Activity points and scores.

Spreadsheet to monitor TCs performance.
10. **Other Business (all).**

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TC Chairs - TOC Meeting –December 2024



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➤ Interactions TOC – TCs. Events Organization

- [XVIII ECSMGE 2024](#). European Conf. on Soil Mechanics and Geotechnical Engineering. Lisbon, Portugal, Aug. 26- 30th 2024.



	AA - Room A Capacity = 84 pax	AA - Room B Capacity = 84 pax	AA - Room C Capacity = 88 pax	AA - Room D Capacity = 80 pax	AA - Room E Capacity = 90 pax	AA - Room F Capacity = 166 pax	AA - Room Moche Capacity = 200 pax
TC - Morning Workshops	WS: TC_101 (Session 1) 9:00 10:40 Coffee Break Networking 10:40 10:55 WS: TC_101 (Session 2) 10:55 13:00	WS: TC_211 (Session 1) 9:00 11:00 Coffee Break Networking 11:00 11:15 WS: TC_211 (Session 2) 11:15 13:00	WS: TC_106 (Session 1) 9:00 11:20 Coffee Break Networking 11:20 11:35 WS: TC_106 (Session 2) 11:35 13:00	WS: TC_220 (Session 1) 9:00 10:40 Coffee Break Networking 10:40 10:55 WS: TC_220 (Session 3) 10:55 13:00	WS: TC_309 (Session 1) 9:00 11:00 Coffee Break Networking 11:00 11:15 WS: TC_309 (Session 2) 11:15 13:00	WS: TC_202/TC_307 (Session 1) 9:00 11:20 Coffee Break Networking 11:20 11:35 WS: TC_202/TC_307 (Session 2) 11:35 13:00	WS: PLAXIS (Session 1) 9:00 11:20 Coffee Break Networking 11:20 11:35 WS: PLAXIS (Session 2) 11:35 13:00
Lunch time 13:00 14:30							
TC - Afternoon Workshops	WS: TC_215 (Session 1) 14:30 16:10 Coffee Break Networking 16:10 16:25 WS: TC_215 (Session 2) 16:25 18:30	WS: TC_211 (Session 3) 14:30 16:30 Coffee Break Networking 16:30 16:45 WS: TC_211 (Session 4) 16:45 18:30	WS: TC_308 (Session 1) 14:30 16:50 Coffee Break Networking 16:50 17:05 WS: TC_308 (Session 2) 17:05 18:30	WS: TC_220 (Session 1) 14:30 16:10 Coffee Break Networking 16:10 16:25 WS: TC_220 (Session 4) 16:25 18:30	WS: TC_222 (Session 1) 14:30 16:30 Coffee Break Networking 16:30 16:45 WS: TC_222 (Session 2) 16:45 18:30	WS: TC_202/TC_307 (Session 3) 14:30 16:50 Coffee Break Networking 16:50 17:05 WS: TC_202/TC_307 (Session 4) 17:05 18:30	WS: PLAXIS (Session 1) 14:30 16:50 Coffee Break Networking 16:50 17:05 WS: PLAXIS (Session 2) 17:05 18:30

Date	Order	Theme of the Workshop/Course:			TC leadership	
		TC	Theme	Type	Name	email
ALTICE ARENA Rooms						
07-02-2023	1	TC 215	Sustainable Practices in Environmental Geotechnics (1/2 day, 70 pax, Room A)	Pres. of papers	Andrea Dominijanni	andrea.dominijanni@polito.it
07-02-2023	2	TC 220	Field Monitoring in Geomechanics (1 day, 80 pax, Room D)	I. Speakers /P. Papers	Andrew Ridley	andrew.ridley@geo-observations.com
27-02-2023	3	TC 202/TC 307	TC2020: Sustainable Geotechnics for Transport infrastructure / TC307: New Approaches Regarding Sustainability in Geotechnical Research and Design (1 day, 80+40 pax, Room F)	Invited speakers	Tatsuya Ishikawa / Anand Jagadeesh Puppala / Nuno Cristelo (ncristel@utad.pt)	t-ishioka@eng.hokudai.ac.jp; anandp@exchange.tamu.edu; ncristel@utad.pt
10-03-2023	4	PLAXIS	PLAXIS course -Not yet defined the room/session --> Moche room		Manuel Aukenthaler	Manuel.Aukenthaler@seequent.com
17-03-2023	5	TC 101	Thermo-Hydro-Mechanical Testing of Soils and Weak Rocks(1/2 day, 40 pax, Room D)	Invited speakers	Matthew Richard	m.coop@ucl.ac.uk
30-03-2023	6	TC 222	Title/room/session - Not defined (1/2 day, 90 Pax)	Invited speakers	Magnus Romoen	magnus-romoen@ngi.no
12-04-2023	7	TC 309	Machine Learning in Geotechnics (1/2 day, 30-40 pax, Room C)	Invited speakers	Zhongqiang Liu	zhongqiang.liu@ngi.no
13-04-2023	8	TC 211	Recent Advances in Rigid Inclusions (1 day, ND pax, Room B)	Invited speakers	Babak Hamidi	babakhamidi@hotmail.com
15-04-2023	9	TC 308	Science and Engineering of Energy Geostructures (1 day -->1/2 day, 20-30 pax)	Invited speakers	Guillermo A. Narsilio	narsilio@unimelb.edu.au
20-04-2023	10	TC 106	Title/room/session - Not defined (1/2 day, < 80 Pax)	Invited speakers	Enrique Romero	Enrique.romero-morales@upc.edu
LNEC Rooms						
18-05-2023	11	TC 304	"Why is a reliability-based design framework beneficial for industry?" (1/2 day - afternoon, 30 pax)	Invited speakers	Michael Hicks	M.A.Hicks@tudelft.nl
23-05-2023	12	TC 206	Observational Method ? - Not yet defined the room/session		Duncan Nicholson	Duncan.Nicholson@arup.com



➤ Interactions TOC – TCs. Events Organization

- [XVII PANAMGEO 2024](#). Pan-American Cong. on Soil Mechanics and Geotechnical Engineering La Serena, Chile. 12th to 17th Nov. 2024.
 - ✓ Opportunity to organize TCs meetings, pre congress, workshops, and courses, Information to be circulated.
 - ✓ Deadline to submit proposals end of August.



TCs in PanamGeoChile2024



TC212 1ST ISSMGE HARRY POULOS HONOUR LECTURE: "RETHINKING PILES IN LIGHT OF CURRENT KNOWLEDGE"

Alessandro Mandolini, Professor of "Foundation Engineering" at Department of Engineering – Università degli Studi della Campania "L. Vanvitelli"



TC106: 2ND PAN-AMERICAN DISTINGUISHED LECTURE ON UNSATURATED SOILS EXPLORING THE INTERPLAY BETWEEN WATER, GRAINS, SUCTION AND INFRASTRUCTURE

Prof. Fernando A. M. Marinho, PhD, Associate Professor in Universidade de São Paulo

TC221: SPECIAL SESSION ON TAILINGS DAMS

Christina Winckler (MSc) - Fernando Schnaid (PhD) - Edgar Quiroz (MSc) -
Arcesio Lizcano (PhD) Osvaldo Flores (PhD) - Davis Solans (PhD) - José
Campaña (MSc) - Ramón Verdugo (PhD) Moderator: Luis Valenzuela (MSc)



► Pre-congress short courses:

- TC212 Deep Foundations

► TCs Meetings:

- TC 308 Energy Geotechnics,
- TC 221 Tailings and Mine Waste



Meeting Agenda

TC Chairs - TOC Meeting –December 2024



**Technical Oversight
Committee (TOC)**

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Activity points and scores.

Spreadsheet to monitor TCs performance.
10. **Other Business (all).**

- [21st ICSMGE 2026](#). International Conference on Soil Mechanics and Geotechnical Engineering. Vienna, Austria. Jun. 14th to 19th. 2026.



Dear Chairs of ISSMGE Technical Committees,

For the

21st International Conference on Soil Mechanics and Geotechnical Engineering

to be held in Vienna, Austria, June 14-19, 2026, **submission of abstracts** is well under way, the deadline being November 30th, 2024 now extended to **January 15th, 2025**.

As the Technical Committees are considered as the "technical backbone" of the ISSMGE involvement of the TCs is of utmost importance for the ICSMGE.

After discussion with Prof. Marcelo Sanchez as chair of the Technical Oversight Committee the role and possible activities of the TCs at the ICSMGE 2026 can be summarized as follows:

1. Abstracts and papers submitted to the conference for publication in the (digital) proceedings will be reviewed by national societies. All authors are requested to specify relevant TCs in accordance with the topic of the submitted papers. After finishing the review process accepted papers will be sent to the respective TC chair requesting a selection of papers to be orally presented at the parallel sessions running in the afternoon of the conference. Papers not selected for oral presentation will be presented at dedicated poster sessions. **Final Papers will be sent to TCs by mid-January 2026 and selection of presentations is due by end of February 2026.** Number of sessions allocated to each TC will be decided once the number of submitted papers allocated to each TC is known. The TC chairs will be informed of the number of sessions together with the dissemination of papers (early 2026).
Special cases: If two (or more) Technical Committees would like to have a joint session (with presentations of contributions submitted to the conference) this is possible. In this case the **contact person for the session** should ensure that authors of all abstracts/papers submitted to this joint session indicate the relevant TCs at submission stage and informs scientific.chair@icsmge2026.org and submission@icsmge2026.org accordingly, so that at the end of the review process these papers are allocated correctly.

TCs nominate chair and co-chair for each session. Any correspondence in this matter should be addressed to scientific.chair@icsmge2026.org and submission@icsmge2026.org.

2. In addition to managing the sessions for presentations of papers submitted to the conference as described above, a TC may want to organize an **additional discussion/presentation/workshop session**. The contributions of such a session are **NOT part of the conference proceedings**. If a TC expresses interest in such a session this should be done by end of October 2025 to chair@icsmge2026.org using the **template provided at the end of this document**. These sessions will be scheduled in parallel to standard afternoon sessions during the conference (not on Saturday and Sunday before) but of course any overlap of topics will be avoided as much as possible.

3. A Technical Committee may want to have their **honour lecture** delivered at the ICSMGE. Provisionally slots for 4 honour lectures in a semi-plenary format (i.e. 2 in parallel in the morning session in rooms with capacity of several hundred participants) have been reserved in the conference programme. Please note that it has to be a genuine, original honour lecture and not a repetition or updated version of a lecture already delivered on another occasion. Because these lectures have a significant impact on the morning sessions of the conference programme TCs are requested to express their interest by sending an e-mail to chair@icsmge2026.org preferably by end of 2024 but no later than end of March 2025. It is noted that the deadline for submitting the written paper of an honour lecture is end of November 2025 if it is intended be included in the (digital) proceedings.
Note: If number of honour lectures requested exceed what can be accommodated, the final choice is at the discretion of the organizing committee and thematic aspects may be considered in addition to a first come – first serve policy. In any case the final decision will be made in **March 2025**.

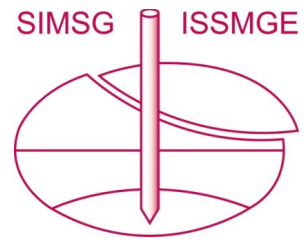
Helmut F. Schweiger
chair@icsmge2026.org

Dietmar Adam
scientific.chair@icsmge2026.org

Johannes Pistor
submission@icsmge2026.org

Meeting Agenda

TC Chairs - TOC Meeting –December 2024



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Activity points and scores.

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10. **Other Business (all).**

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TC Chairs - TOC Meeting –December 2024

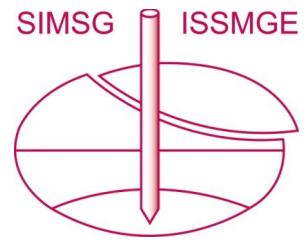


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➤ **TOC New Initiatives**

- Pilot small funding to support initiatives that will promote TCs' interactions or will enhance/expand TC activities.
- TC306 - Geo-Education
 - ✓ TC103 (Numerical Methods),
 - ✓ TC106 (Unsaturated Soils)
- Geotechnical Engineering Education 2025: TC306's flagship conference
- Invited Speaker from USA
 - ✓ Renewed researcher in student learning in higher education

Following actions are envisaged:

- ✓ TC306 needs to prepare an article about the conference for publication in the Bulletin, highlighting the main conference activities and including photos.
- ✓ The invited speaker needs to prepare an article for publication in the Bulletin, summarizing the main aspects of her presentation.
- ✓ The talk should be recorded and made available on the ISSMGE website, and possibly in the Bulletin, for the benefit of all ISSMGE members.

To: Marcelo Sánchez, Chair of Technical Oversight Committee

From: Marina Pantazidou, Chair of TC306, Geo-Education

Subject: Proposal for supporting invited Engineering Education Expert Speaker to TC306's conference (GEE 2025)

Date: November 25, 2024

Cc: Farimah Masrouri, Chair of GEE 2025

Biographical Sketch of Suggested Speaker: Jennifer Case

[Jennifer Case](#) is Professor and Head of the Department of Engineering Education in the College of Engineering at Virginia Tech, USA. Prior to this appointment in 2017, she was a Professor in the Department of Chemical Engineering at the University of Cape Town in South Africa, one of the leading countries in engineering education research. She was a founder member and then Director for the Centre for Research in Engineering Education at the University of Cape Town. She was the founding president of the South African Society for Engineering Education (SASEE). She has been researching student learning in higher education for over two decades, and much of her empirical work is with students studying engineering, driven by questions such as: *"How can teaching in engineering be improved to support student learning?"*. Her work has been widely published and well cited, with over 50 journal publications and two monographs.

Geotechnical Engineering Education 2025: TC306's flagship conference

[Geotechnical Engineering Education 2025](#), which counts as TC306's 6th conference, will take place in Nancy, France, July 2-4, 2025. The first two conferences were organized in 2000 and 2008 by TC306's core member Iacint Manoliu with partial support from EU funds. Then TC306 took over formally and made a concerted effort to gradually raise publication standards. Since the 2012 conference, all abstracts receive comments and advice from two reviewers and several are rejected. Since the last conference, GEE 2020, the GEE proceedings have their own ISSN number and are listed by Scopus. Starting from the 2008 conference, the proceedings are available through the [ISSMGE online library](#), benefitting all geotechnical engineering instructors. The contributions of plenary speakers increase the conference impact. Ideally, representation of both geotechnical engineering and engineering education communities is desired, but securing funds for invited engineering education speakers is difficult for a small conference.

Which TCs will benefit: TC306 (Geo-Education), TC103 (Numerical Methods), TC106 (Unsaturated Soils)

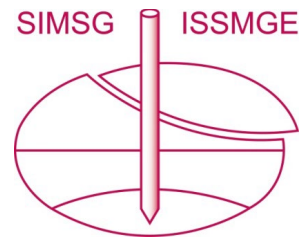
[The topics of GEE 2025](#) reflect the close collaboration of TC306 with the two committees that correspond to the priority themes of GEE 2025. We have accepted 16 abstracts in Priority Theme 1 – Teaching of Unsaturated soils and 12 abstracts in Priority Theme 2 – Use of numerical modelling to support teaching. Plenary speakers include one invitee for each theme: Alessandro Tarantino and Francesca Ceccato (the TC103 secretary). In addition, the conference chair is also a member of TC106, so the conference is well publicized through the three committees.

Amount requested: 1500 euros

For a speaker from the US, 1500 euros will cover most of the travel expenses (airplane and train). The conference will waive the fees and will cover accommodation expenses.

Meeting Agenda

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➤ ISSMGE Interactive Technical Talk (IITT)

- New educational initiative gathering young and renowned engineers from both sides of the spectrum, academia and industry, from around the world.
- **IITT Organizing Committee.**
 - ✓ Marcelo Sanchez TOC Chair
 - ✓ Mabel Chedid TOC Secretary
 - ✓ Susmita Sharma TOC Vice Chair
 - ✓ Bridget Lokoe YMPG
- **IITTs Available on ISSMGE website** <https://www.issmge.org/education/interactive-technical-talks>

International Society for Soil Mechanics and Geotechnical Engineering



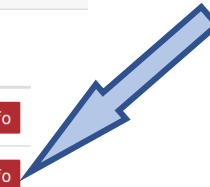
HOME THE SOCIETY CORPORATE ASSOCIATES YOUNG MEMBERS EVENTS COMMITTEES PUBLICATIONS EDUCATION FOUNDATION NETWORKING

Interactive Technical Talks

Home / Education / Interactive Technical Talks

Title	Presenter	Date	
8. Reinforced Fill Structures (TC218)	Dr.-Ing. Oliver Detert, Dr. Jorge G. Zornberg, Brobbey Daniel Ackah	18-07-2023	More Info
7. Preservation of Historic Sites (TC301)	Dr. Christos Tsatsanifos, Dr. Durgadevagi Shanmugavel, Dr. Efrain Ovando-Shelley, Dr. Mai Sawada	23-06-2023	More Info
6. Unsaturated Soils (TC106)	Prof. Enrique Romero, Maha Saleh, Lioxin Chen	15-04-2023	More Info
5. Sustainability in Geotechnical Engineering (TC307)	Prof. Md. Mizanur Rahman, Dr. Sara Rios, Tone Ratcliffe Smaavik	09-03-2023	More Info
4. Environmental Geotechnics (TC215)	Prof. Takeshi Katsumi, Dr. Nicolò Guarena, Dr. Susmita Sharma	21-12-2022	More Info
3. Energy Geostructures & Storage of Thermal Energy in the Ground (TC308)	Prof. Guillermo Narsilio, Kamelia Atefi-Monfared, Iulia Consuela Prodan	12-12-2022	More Info
2. Geomechanics and Geotechnical Engineering for Nuclear Waste Disposal (TC308)	Alessio Ferrari, Muhammad Ali Falak, Maria Victoria Villar	07-11-2022	More Info

Video



➤ ISSMGE Interactive Technical Talk (IITT)

- New educational initiative gathering young and renowned engineers from both sides of the spectrum, academia and industry, from around the world.

IITT Speakers - TC 301



Dr. Christos Tsatsanifos
Editor / Vice President HSSMGE
Pangaea Consulting Engineers Ltd.
Former Prof. Geotechnical
Engineering, Air Forces Academy
of Greece
**TC 301 – Preservation of
Historic Sites**

*Preservation of Monuments and
Historic Sites, Design of Earth Dams,
Design of Tunnels and Underground
Structures*



Dr. Durgadevagi Shanmugavel
Associate professor at SRM Institute
of Science and Technology, Chennai,
India

*Conservation of Heritage Structures,
Self healing of lime mortar,
Development of Sustainable Materials,
Energy Efficient Structure*



Dr. Efraín Ovando-Shelley
Senior Research Engineer
Instituto de Ingeniería
Universidad Nacional
Autónoma de México
**TC 301 – Preservation of
Historic Sites**

*Preservation of Monuments and
Historic Sites, Soft Soil Engineering,
Soil Dynamics, Earthquake
Geotechnical Engineering*



Dr. Mai Sawada
Associate professor at Tokyo
Institute of Technology
AsRTC 19 –Historical Sites (Chair)

*Conservation of Geo-relics,
Unsaturated Soil Mechanics, Seepage
Flow, Heat Transfer, Slope Stability,
Desiccation Cracking*



➤ **ISSMGE Interactive Technical Talks (IITT) Held So Far**

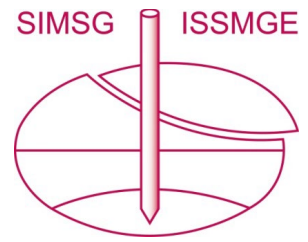
1. TC221 IITT on “Tailing Dams.”
2. TC308 IITT on “Deep Geological Disposal for High Level Nuclear Waste.”
3. TC308 IITT on “Geothermal Energy.”
4. TC215 IITT on “Environmental Geotechnics.”
5. TC307 IITT on “Sustainability in Geotechnical Engineering.”
6. TC106 IITT on “Unsaturated Soils.”
7. TC301 IITT on “Historic Sites.”
8. TC218 IITT on “Reinforced Fill Structures.”
9. TC309 IITT on “Machine Learning.”
10. TC220 IITT on “Field Monitoring in Geomechanics.”
11. TC206 IITT on “Observational Method.”
12. TC104 IITT on “Physical Modelling in Geotechnics.”
13. TC 201 IITT on “Laboratory Stress Strain Strength Testing Geomaterials.”
14. TC202 IITT on “Transportation Geotechnics.”.
15. TC209 IITT on “Offshore Geotechnics.”.
16. TC201 IITT on “Geotechnical Aspects of Dykes.” .
17. TC222 IITT on “Geotechnical BIM and Digital Twins.” .
18. TC306 IITT on “Geo-engineering Education.”
19. **TC103 IITT on “Numerical Modeling.” Completed this period.**
20. **TC213 IITT on “Scour and Erosion.” Completed this period.**

➤ "ISSMGE Interactive Technical Talks (IITT) In Progress.

1. TC 105 IITT on Geo-Mechanics from Micro to Macro – IITT Date: December 3rd 2024.
2. TC 107 IITT on Tropical Residual Soils – IITT speakers have been selected.
3. TC 214 IITT on Soft Soils – IITT speakers have been selected.
4. TC 212 IITT on Deep Foundations – IITT speakers have been selected.
5. TC305 IITT on “Geotechnical Infrastructure for Megacities and New Capitals”. TC leadership team contacted.
6. TC204 IITT on “Underground Construction in Soft Ground”. TC leadership team contacted.
7. TC217 IITT on “Land Reclamation”. TC leadership team contacted.
8. TC216 IITT on “Frost Geotechnics”. TC leadership team contacted.
9. TC102 IITT on “Ground Property Characterization from In-Situ Tests”. TC leadership team contacted.
10. TC305 IITT on “Geotechnical Infrastructure for Megacities and New Capitals”. TC leadership team contacted.
11. TC204 IITT on “Underground Construction in Soft Ground”. TC leadership team contacted.

Meeting Agenda

TC Chairs - TOC Meeting –December 2024



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Committee (TOC)**

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➤ Technical Committee

- A spreadsheet is used to manage the ranking of proposals
- Points are associated with each proposal
- This score is used to stabilize the ranking (i.e., very good and problematic ones).
- The main items contemplated for the TC are:
 - Regular administrative tasks
 - Specific conferences related to the TC (3 points).
 - Updated website (1 to 3 points) with information (either within specific website or within specific documents)
 - Managing of ISSMGE Bright Spark lectures.
 - TC Chairs –TOC meeting
 - Participation to ISSMGE activities
 - Contributions to other committees

To: Marcelo Sánchez, Chair of Technical Oversight Committee

From: Marina Pantazidou, Chair of TC306, Geo-Education

Subject: Proposal for supporting invited Engineering Education Expert Speaker to TC306's conference (GEE 2025)

Date: November 25, 2024

Cc: Farimah Masrouri, Chair of GEE 2025

Biographical Sketch of Suggested Speaker: Jennifer Case

[Jennifer Case](#) is Professor and Head of the Department of Engineering Education in the College of Engineering at Virginia Tech, USA. Prior to this appointment in 2017, she was a Professor in the Department of Chemical Engineering at the University of Cape Town in South Africa, one of the leading countries in engineering education research. She was a founder member and then Director for the Centre for Research in Engineering Education at the University of Cape Town. She was the founding president of the South African Society for Engineering Education (SASEE). She has been researching student learning in higher education for over two decades, and much of her empirical work is with students studying engineering, driven by questions such as: "How can teaching in engineering be improved to support student learning?". Her work has been widely published and well cited, with over 50 journal publications and two monographs.

Geotechnical Engineering Education 2025: TC306's flagship conference

[Geotechnical Engineering Education 2025](#), which counts as TC306's 6th conference, will take place in Nancy, France, July 2-4, 2025. The first two conferences were organized in 2000 and 2008 by TC306's core member Iacint Manoliu with partial support from EU funds. Then TC306 took over formally and made a concerted effort to gradually raise publication standards. Since the 2012 conference, all abstracts receive comments and advice from two reviewers and several are rejected. Since the last conference, GEE 2020, the GEE proceedings have their own ISSN number and are listed by Scopus. Starting from the 2008 conference, the proceedings are available through the [ISSMGE online library](#), benefitting all geotechnical engineering instructors. The contributions of plenary speakers increase the conference impact. Ideally, representation of both geotechnical engineering and engineering education communities is desired, but securing funds for invited engineering education speakers is difficult for a small conference.

Which TCs will benefit: TC306 (Geo-Education), TC103 (Numerical Methods), TC106 (Unsaturated Soils)

[The topics of GEE 2025](#) reflect the close collaboration of TC306 with the two committees that correspond to the priority themes of GEE 2025. We have accepted 16 abstracts in Priority Theme 1 – Teaching of Unsaturated soils and 12 abstracts in Priority Theme 2 – Use of numerical modelling to support teaching. Plenary speakers include one invitee for each theme: Alessandro Tarantino and Francesca Ceccato (the TC103 secretary). In addition, the conference chair is also a member of TC106, so the conference is well publicized through the three committees.

Amount requested: 1500 euros

For a speaker from the US, 1500 euros will cover most of the travel expenses (airplane and train). The conference will waive the fees and will cover accommodation expenses.

Case History Journal	Newsletter, Journal, review papers, Youtube, on line workshop, survey	Wk or Session ERC Reykjavik	Session ARC Tai Pei	ISSMGE virtual U.	TCP - TC meeting	TCP - TC contribution	SoA, SoP, Guidelines	TC Workshop Sydney	Note
1		1	1	1	1		1	1	21
1		1	1	1	1	1	1		21
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	1	1		1	1		1	1	18
1	1	1			1	1	1		18
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	1	1	1		1				17
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		1			1		1	1	16
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1		1			1				16
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	1	1			1	1	1		15
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		1	1	1	1	1	1		13
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1		1		1	1	1			12
	1	1			1	1		1	12
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	1				0				8
	1				0				7
1		1			1				7
1		1			0				6
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1	1				1				6
1			1		1				6
		1	1		1				5
		1		1	0				5
		1			1				4

also considered.

ry Journal, etc.

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