The International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)

Antonio Gens
Vice - President Europe
Technical University of Catalonia, Barcelona Tech
The ISSMGE is the pre-eminent professional body representing the interests and activities of Engineers, Academics and Contractors all over the world that actively participate in ground engineering

- About 20000 members in 89 Member Societies

Main GOAL is the contribution to:

- Development of knowledge
- Education
- Cooperation

- President: Roger Frank
- Immediate Past President: Jean-Louis Briaud
- Secretary General: Neil Taylor
- 6 Vice-Presidents:
  - Fatma Baligh, for Africa
  - Ikuo Towhata, for Asia
  - Mark Jaksa, for Australasia
  - Antonio Gens, for Europe
  - Paul Mayne, for North America
  - Jarbas Milititsky, for South America
- 3 appointed members:
  - Marc Ballouz, Lebanon
  - Etienne Marcelin Kana, Cameroon
  - Vlasta Szavits-Nossan, Croatia
ISSMGE Board (2013-017)

- The present ‘tools’ for ISSMGE are the following:
  - Board Level Committees (AWAC, CAPG, IDC, PIC, TOC and YMPG)
  - ISSMGE Webinars
  - Awards
  - Geo-World network
  - ISSMGE Foundation
  - International and Regional Conferences

- The Technical Committees (TCs) are the ‘producing forces’ of ISSMGE

- The communications between ISSMGE and members is channeled through the web page: [http://www.issmge.org/](http://www.issmge.org/)
The ISSMGE is the pre-eminent professional body representing the interests and activities of Engineers, Academics and Contractors all over the world that actively participate in geotechnical engineering.

As a truly global organisation, the ISSMGE provides a focus for professional leadership to more than 80 Member Societies and over 18,000 individual members. The website is intended to:

- to provide the membership with regular and up to date news and information about the activities of the society around the world, including webinars, lectures, conferences.
- to provide a communication platform for the effective management and administration of the society.
- to provide a communication platform for the effective coordination of the Technical Committees and the dissemination of TC publications and reports.
- to provide a single point of access for our members to obtain information on upcoming events and conferences.
Publications

- The ISSMGE Bulletin

- Charles Ng, Editor in chief
  - 6 issues per year
    - Messages from members of the Board
    - Contributions by any member society
    - News of current events and books
    - Update on Corporate Associates and Foundation donors
    - Reports from foundation recipients
    - Research highlights
Publications

The ISSMGE Bulletin

International Society for Soil Mechanics and Geotechnical Engineering

Table of Contents

Select all items below

1 Message from the VP for Europe
3 Research Highlights
3 CEREN, EUPIP from Paris, France
21 TC report
• Summary of joint meeting between TCs 304, 205, 322 and 324
23 Report from Member Society
• Kazakhstan Geotechnical Society (KGSS) - The 8th Asian Young Geotechnical Engineering Conference
26 Conference Reports
• The 16th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering (ISSMGE-16)
• Geoenvironment and Construction European Conference
• The 27th International Symposium on Transportation Soil Engineering in Cold Regions
33 Hot News
• Call for nominations of ISSMGE Awards
34 Obituary - Dr. Chiam Teang Tee
36 Event Diary
41 Corporate Associates
45 Foundation Donors

Message from the VP for Europe

Professor Heinz Brandl retires from ISSMGE Council - Longest serving president of ISSMGE Member Societies

On occasion of the ISSMGE Council Meeting during the XVI ECSMGE in Edinburgh, 13 - 17th September 2015, Professor Heinz Brandl announced his retirement from this body.

For nearly half a century (1968 - 2015) he had been Council Member, voting for the Austrian Member Society of ISSMGE, and also four years as ISSMGE Vice President for Europe. This is worldwide record in the history of ISSMGE. Number two in this "ranking" is Professor Ergun Tugol from Istanbul, who was Council Member between 1965 - 2009, i.e. 44 years.

In his "farewell" speech Professor Brandl described the great honour and his pleasure as being part of the profession for such a long period, also as co-founder of the Danube European Conference in 1964, which is still successfully running. In this long period he had the fortune and honour to have known personally all giants of ISSMGE, and to have been having until now so many close contacts, also to dominating personalities of related Societies such as ENSAM, AEG, BGS. Consequently, he always fostered a close cooperation between ISSMGE and all sister Societies (including ITA, ICG, PIARC).

In 2015 Professor Brandl also handed the chairmanship of the Austrian Member Society of ISSMGE to Professor Helmut F. Schweitzer. On this occasion he was appointed Honorary President. Professor Brandl served as Secretary between 1968 and 1972, and as President between 1972 and 2015. This is again a global record in the history of ISSMGE. Based on detailed information from ISSMGE Member Societies an interesting global time-ranking of the by far longest serving Presidents could be found:

- Heinz Brandl (Austria) 1968 - 2015
- Antonio Topa (Ecuador) 1992 - 2015
- Leopoldo Morais (Brazil) 1992 - 2015
- A. Mandl (ประธานกรรมในการส่งออก) 1964 - 2015
- Nikolai A. Tsyndev (USSR) 1964 - 1981

Editorial Board

Frank, Roger (Ex-officio)
Gomes, Antonio Topa (Editor for Europe)
Gonzalez, Marcelo (Editor for South America)
Leung, Anthony Kwan (Editor for Europe)
Ng, Charles Wang Wei (Editor-in-Chief)
Ooi, Tekk Eun (Editor for Asia)
Rujikitchakorn, Cholachet (Editor for Australasia)
Sanchez, Marcelo (Editor for North America)
Shirso, Alejo O (Editor for South America)
Shahien, Marawan (Editor for Africa)
Take, Andy (Editor for North America)
Taylor, Neil (Ex-officio)

Message from the President

Dear Members of ISSMGE,

The last time I wrote a message for your attention in the ISSMGE Bulletin was nearly one year ago. In the meantime, the ISSMGE and geotechnical activities throughout the world have developed satisfactorily.

As planned, our five Regional Conferences on Soil Mechanics and Geotechnical Engineering took place in 2015 and all of them were very successful. The following reports can be found in the Issues of the ISSMGE Bulletin:

- For the XVI African Regional Conference in Hararab, Tanzania, see:
- For the XVI European Conference in Edinburgh, Scotland, United Kingdom, see:
- For the 13th Asian Regional Conference in Fukuoka, Kyushu, Japan, see:
- For the XV Pan American Conference in Buenos Aires, Argentina, should also be published very soon.

The reports for the 12th Australia and New Zealand Conference in Wellington, New Zealand is included in this issue, while the XV Pan American Conference in Buenos Aires, Argentina, should also be published very soon.

We are now already in the process of preparing for the 19th International Conference on Soil Mechanics and Geotechnical Engineering (19th ISMCE) which will be held next year in Seoul, 17-22 September 2017. The call for abstracts has been launched earlier this year and the Members Societies are now asked to forward them to the Conference Organising Committee by the end of May 2016. The format of the Conference will be very similar to the 18th ISMCE Parts, September 2013. After two days of plenary sessions, there will be two days of parallel sessions. In the plenary sessions, 11 Technical Committees of the ISSMGE (TCs) have requested and been given slots in which to deliver original Honours Lectures.


Editorial Board

Frank, Roger (Ex-officio)
Gomes, Antonio Topa (Editor for Europe)
Gonzalez, Marcelo (Editor for South America)
Leung, Anthony Kwan (Editor for Europe)
Ng, Charles Wang Wei (Editor-in-Chief)
Ooi, Tekk Eun (Editor for Asia)
Rujikitchakorn, Cholachet (Editor for Australasia)
Sanchez, Marcelo (Editor for North America)
Shirso, Alejo O (Editor for South America)
Shahien, Marawan (Editor for Africa)
Take, Andy (Editor for North America)
Taylor, Neil (Ex-officio)
The ISSMGE International Journal of Geoengineering Case Histories

http://casehistories.geoengineer.org/

Pedro Pinto, Editor in Chief

The International Journal of Geoengineering Case Histories is a high quality, peer-reviewed publication (in colour);

The journal focuses on the practice of the profession and the promotion of useful field data that typically do not get published.

Is an open-access journal, i.e., is available at no cost online; easily accessible globally by practitioners and research engineers that may not afford another journal subscription.

The journal is also indexed by the Georef database & Google Scholar.

Supporting data provided as Excel files

In 2015, papers published in the journal were downloaded 25,188 times! A very large number!
The ISSMGE International Journal of Geoengineering Case Histories
Publications

- Online paper databases
  - A total of ~1600+ papers have been made available for download!
  - Working with private publishers to make papers in past conferences supported by ISSMGE open-access.
  - Aim to reach 4,000+ in the next year
  - Developing framework for open access of papers published in conferences and journals
  - Databases are searchable, hosted on ISSMGE website under new category: “Resources/Publications”
Publications

- Electronic Lexicon

Printed in 1981 by ISSMGE in 8 languages

1592 fully searchable terms in 14 languages
## Recorded Webinars

- **A new Webinar every two months**
  - Free to watch and download
  - Question & Answer session for 48 hours after launch

<table>
<thead>
<tr>
<th>Title</th>
<th>Date</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geotechnical Challenges in Mexico City Clay</td>
<td>18 April 2016</td>
<td>Prof. Gabriel Auvinet</td>
</tr>
<tr>
<td>Multiphysical Processes and Design of Thermo-Active Foundations</td>
<td>29 February 2016</td>
<td>Prof. Lyesse Laloui</td>
</tr>
<tr>
<td>Laterites and lateritic soil and the potential use of the Dynamic Cone Penetrometer</td>
<td>14 December 2015</td>
<td>Prof. Samuel I.K. Ampadu</td>
</tr>
<tr>
<td>Soil Dynamics and Seismic Geotechnical Engineering</td>
<td>29 October 2015</td>
<td>Prof. George Gazetas</td>
</tr>
<tr>
<td>Landslide risk mitigations with a special emphasis on observation with fiber optic sensors</td>
<td>10 August 2015</td>
<td>Prof. An-Bin Huang</td>
</tr>
<tr>
<td>Advanced laboratory testing to characterize stiff, geologically aged clays</td>
<td>01 June 2015</td>
<td>Prof. Richard Jardine</td>
</tr>
<tr>
<td>Impacts of Liquefaction in the 2010-2011 Christchurch Earthquakes</td>
<td>15 April 2015</td>
<td>Prof. Misko Cubrinovski</td>
</tr>
<tr>
<td>Introduction to Cone Penetration Testing</td>
<td>02 February 2015</td>
<td>Prof. Peter Robertson</td>
</tr>
<tr>
<td>Geotechnical Aspects of Peats</td>
<td>01 December 2014</td>
<td>Dr. Cor Zwanenburg</td>
</tr>
<tr>
<td>In situ testing in geomechanics: Questioning current engineering practice</td>
<td>01 October 2014</td>
<td>Professor Fernando Schnaid</td>
</tr>
<tr>
<td>Meeting the Challenges of Foundation Design for Tall Buildings</td>
<td>24 July 2013</td>
<td>Professor Harry Poulos</td>
</tr>
</tbody>
</table>
Recorded Webinars

- A new Webinar every two months

<table>
<thead>
<tr>
<th>Topic</th>
<th>Date</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical Tests for Geotechnical Site Characterization</td>
<td>08 May 2013</td>
<td>Dr. Sebastiano Foti</td>
</tr>
<tr>
<td>Concept and Parameters, Latest Research in Ground Improvement</td>
<td>07 March 2013</td>
<td>Serge Varaksin and Noel Huybrechts</td>
</tr>
<tr>
<td>Related Case Histories</td>
<td></td>
<td></td>
</tr>
<tr>
<td>An Overview of Geosynthetics and Their Major Applications</td>
<td>22 January 2013</td>
<td>Robert Koerner</td>
</tr>
<tr>
<td>Earthquake Geotechnical Engineering-Mitigation of earthquake problems with emphasis on subsoil liquefaction</td>
<td>20 November 2012</td>
<td>Ikuo Towhata</td>
</tr>
<tr>
<td>Pile Driving Analysis</td>
<td>18 October 2012</td>
<td>Frank Rausche</td>
</tr>
<tr>
<td>Unsaturated Soils: Basic Concepts and Applications (Part 1 and Part 2)</td>
<td>09 July 2012</td>
<td>Eduardo Alonso</td>
</tr>
<tr>
<td>Short and Long Term Leakage through Composite Liners, The 7th Arthur Casagrande Lecture</td>
<td>25 April 2012</td>
<td>Kerry Rowe</td>
</tr>
<tr>
<td>Risk and Geotechnical Engineering</td>
<td>24 February 2012</td>
<td>Zenon Medina-Cetina and Marco Uzielli</td>
</tr>
<tr>
<td>Eurocode-7 Past, Present, and Future</td>
<td>19 December 2011</td>
<td>Andrew Bond</td>
</tr>
<tr>
<td>Intelligent Compaction</td>
<td>25 November 2011</td>
<td>Antonio Correia and George Chang</td>
</tr>
<tr>
<td>Bridge scour depth prediction and levee topping erosion</td>
<td>23 August 2011</td>
<td>Jean-Louis Briaud</td>
</tr>
</tbody>
</table>
Awards

- **Terzaghi Oration**
- **Kevin Nash Gold Medal**
  - 3 Young Geotechnical Engineer Awards
  - Outstanding Technical Committee
  - Outstanding Member Society
  - Outstanding Geotechnical Project
  - Outstanding Innovator
  - Outstanding Public Relations
  - Best paper in the Int. J. Geoengineering Case Histories
- **14 Honour Lectures (TC’s)**
A professional networking site customized for geotechnical engineers

Allows individuals, companies, and organizations to easily create a profile page...

...and connect directly to other geoprofessionals, companies and organizations

• Launched in October 2011

• The Facebook for geo-professionals and geo-companies
Individual’s GeoWorld Profile

Dimitrios Zekkos

Looking forward to the Paris International Conference on Soil Mechanics and Geotechnical Engineering in the beginning of September!

It says so...

Location: 2350 Hayward Street, University of Michigan - North Campus, Ann Arbor, MI 48109, USA

Contact Information
- Address: 2350 Hayward Street
- City: Ann Arbor
- Country: USA
- Email: zekkos@geoengineer.org
- State (If Applicable): Michigan
- Website: http://zekkos.thecivilengineer.org
- Phone: 01-734-547-1843

Field of Practice:
- Geotechnical Engineer

Gender: Male

Current Employment
- Current: Assistant Professor, Department of Civil and Environmental Engineering, University of Michigan

TechBio

Academic History
- PhD or Equivalent: PhD in Civil Engineering
  - University of California, Berkeley: 2005
- Master's or Equivalent: MSc in Geoenineering
  - University of California, Berkeley: 31 May 2002
- Bachelor's or Equivalent: Hellenic Diploma in Civil Engineering
  - University of Patras: 2001

Publications
- Dimitrios Zekkos, Clinton P Carlson, Ahmed Nisar, Stephanie Ebert. *Effect of Ground Motion Modification Technique on Seismic Geotechnical Engineering Analyses.* Earthquake Spectra. 28. 4. 1643-1661.

Group membership
- Berkeley Geoengineering Alumni Association
- Geotechnical Engineering and Renewable Energy
ISSMGE’s GeoWorld Profile


Location: University Building, City University London, London Borough of Islington, London EC1V, UK

Contact Information
About the organization:
The ISSMGE is the pre-eminently professional body representing the interests and activities of Engineers, Academics and Contractors all over the world that actively participate in geotechnical engineering. The ISSMGE has more than 80 Member Societies and over 18,000 individual members around the world. It is also a co-founder of GeoWorld.

ISSMGE’s GeoWorld account will be the main gate to the accounts of its Technical Committees and will be used to disseminate news and information about the organization, as well as announce updates of the ISSMGE’s main website. Join ISSMGE’s GeoWorld account to receive instant notifications about the organization.

Name: Professor R. N. Taylor
General Contact Info: secretariat@issmge.org
Website: [http://www.issmge.org](http://www.issmge.org)

Blogs
Risk Assessment in Geotechnical Engineering Webinar, 24 Feb 2012
By ISSMGE 446 days ago
webinar event

Topic: Risk Assessment in Geotechnical Engineering Host: Hanna Prichard Date: Friday, February 24, 2012 Time: 9:00 am, Central Standard Time (Chicago, GMT-6:00/3pm GMT) Session number: 953 065 012 This webinar introduces basic definitions and...

Group membership
Preservation of Historic Sites (TC301)
Sustainability in Geotechnical Engineering (TC307)
Geo-engineering Education (TC306)
Geotechnical Infrastructure for Megacities and New Capitals (TC305)
Engineering Practice of Risk Assessment and Management (TC304)
Coastal and River Disaster Mitigation

ISSMGE Conferences
Description
From the ISSMGE President Description
More Related Links

Posts
By ISSMGE 17 days ago

By ISSMGE 23 days ago

By ISSMGE 23 days ago
We are very pleased to announce the development of the ISSMGE Electronic Lexicon! Click to try the new interactive electronic version of our lexicon here! [http://www.issmge.org/en/resources/lexicon](http://www.issmge.org/en/resources/lexicon)

By ISSMGE 47 days ago

More posts
GeoMap by GeoWorld

GeoWorld has now 5,500+ members & 300+ companies & organizations in 163 countries!

Geo-conferences and events, job opportunities, technical forum
http://www.mygeoworld.info/business-directory

144-page Printed version & e-book

- E-book
- Printed version to available through Amazon
The ISSMGE Foundation

- Created to aid individuals to enhance their geotechnical engineering knowledge and practice
- Provides financial support for participation in technical and professional activities ($2,000 max) to members who otherwise would not be able to attend
- There is no prescriptive list of admissible events and all reasonable applications will be considered, taking into account the relevance to ISSMGE and active rather than passive participation by the applicant.
- Report on activity, to be published in the ISSMGE Bulletin
- Application deadlines:
  - February 1, 2016
  - May 1, 2016
  - August 1, 2016
  - November 1, 2016
Young Members Presidential Group

- Established in 2009
- Mission: to increase the attractiveness of the ISSMGE for younger generations of geotechnical engineers.
- Membership: 19 younger members, 2-4 year terms
- Unlimited number of corresponding members
Technical Committees (TCs)

90 Member Societies
Local technical and scientific activity

Strong interactions

32 Technical Committees
International technical and scientific activity

Paramount role in the technical and scientific activities of ISSMGE
## Technical Committees (TCs)

- **Fundamentals**

<table>
<thead>
<tr>
<th>Category</th>
<th>TC Short Name</th>
<th>TC Official Name</th>
<th>TC#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fundamentals</td>
<td>Laboratory Testing</td>
<td>Laboratory Stress Strength Testing of Geomaterials</td>
<td>TC101</td>
</tr>
<tr>
<td></td>
<td>In-Situ Testing</td>
<td>Ground Property Characterization from In-Situ Tests</td>
<td>TC102</td>
</tr>
<tr>
<td></td>
<td>Numerical Methods</td>
<td>Numerical Methods in Geomechanics</td>
<td>TC103</td>
</tr>
<tr>
<td></td>
<td>Physical Modelling</td>
<td>Physical Modelling in Geotechnics</td>
<td>TC104</td>
</tr>
<tr>
<td></td>
<td>Geo-Mechanics</td>
<td>Geo-Mechanics from Micro to Macro</td>
<td>TC105</td>
</tr>
<tr>
<td></td>
<td>Unsaturated Soils</td>
<td>Unsaturated Soils</td>
<td>TC106</td>
</tr>
<tr>
<td></td>
<td>Lateritic Soils</td>
<td>Laterites and Lateritic Soils</td>
<td>TC107</td>
</tr>
</tbody>
</table>
## Technical Committees (TCs)

### Applications

<table>
<thead>
<tr>
<th>Applications</th>
<th>Description</th>
<th>TC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dykes and Levees</td>
<td>Geotechnical Aspects of Dykes and Levees and Shore Protection</td>
<td>TC201</td>
</tr>
<tr>
<td>Transportation</td>
<td>Transportation Geotechnics</td>
<td>TC202</td>
</tr>
<tr>
<td>Earthquake</td>
<td>Earthquake Geotechnical Engineering and Associated Problems</td>
<td>TC203</td>
</tr>
<tr>
<td>Underground Construction</td>
<td>Underground Construction in Soft Ground</td>
<td>TC204</td>
</tr>
<tr>
<td>Safety and Serviceability</td>
<td>Safety and serviceability in geotechnical design</td>
<td>TC205</td>
</tr>
<tr>
<td>Interactive Design</td>
<td>Interactive Geotechnical Design</td>
<td>TC206</td>
</tr>
<tr>
<td>Soil-Structure</td>
<td>Soil-Structure Interaction and Retaining Walls</td>
<td>TC207</td>
</tr>
<tr>
<td>Slope Stability</td>
<td>Slope Stability in Engineering Practice</td>
<td>TC208</td>
</tr>
<tr>
<td>Offshore</td>
<td>Offshore Geotechnics</td>
<td>TC209</td>
</tr>
<tr>
<td>Dams</td>
<td>Dams and Embankments</td>
<td>TC210</td>
</tr>
<tr>
<td>Ground Improvement</td>
<td>Ground Improvement</td>
<td>TC211</td>
</tr>
<tr>
<td>Deep Foundations</td>
<td>Deep Foundations</td>
<td>TC212</td>
</tr>
<tr>
<td>Scour and Erosion</td>
<td>Scour and Erosion</td>
<td>TC213</td>
</tr>
<tr>
<td>Soft Soils</td>
<td>Foundation Engineering for Difficult Soft Soil Conditions</td>
<td>TC214</td>
</tr>
<tr>
<td>Geo-environmental</td>
<td>Environmental Geotechnics</td>
<td>TC215</td>
</tr>
<tr>
<td>Frost</td>
<td>Frost Geotechnics</td>
<td>TC216</td>
</tr>
<tr>
<td>Land Reclamation</td>
<td>Land Reclamation</td>
<td>TC217</td>
</tr>
</tbody>
</table>
### Technical Committees (TCs)

#### Links to Society

<table>
<thead>
<tr>
<th>Impact on Society</th>
<th>Topic</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Historic Sites</td>
<td>Preservation of Historic Sites</td>
<td>TC301</td>
</tr>
<tr>
<td>Forensic</td>
<td>Forensic Geotechnical Engineering</td>
<td>TC302</td>
</tr>
<tr>
<td>Floods</td>
<td>Coastal and River Disaster Mitigation and Rehabilitation</td>
<td>TC303</td>
</tr>
<tr>
<td>Risk</td>
<td>Engineering Practice of Risk Assessment and Management</td>
<td>TC304</td>
</tr>
<tr>
<td>Megacities</td>
<td>Geotechnical Infrastructure for Megacities and New Capitals</td>
<td>TC305</td>
</tr>
<tr>
<td>Geo-Education</td>
<td>Geo-Engineering Education</td>
<td>TC306</td>
</tr>
<tr>
<td>Sustainability</td>
<td>Sustainability in Geotechnical Engineering</td>
<td>TC307</td>
</tr>
<tr>
<td>Energy Geotechnics</td>
<td>Energy Geotechnics</td>
<td>TC308</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Joint with IAEG/ISRM</th>
<th>Topic</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landslides</td>
<td>Natural Slopes and Landslides</td>
<td>JTC1</td>
</tr>
<tr>
<td>Geo-Eng Data</td>
<td>Representation of Geo-Engineering Data</td>
<td>JTC2</td>
</tr>
</tbody>
</table>
MISSION OF TCs

• To provide a forum for active participation by the individual members of ISSMGE
• To promote the outputs of the Technical Committees throughout the members of Member Societies

They are meeting arenas for discussing, developing and applying specialist geotechnical knowledge related to the behaviour of geo-materials, geotechnical engineering and engineering for society, with feedback to Member Societies
OBJECTIVES OF THE TCs

• 1. To disseminate knowledge and practice within the TC’s subject area to the membership of the ISSMGE.
• 2. To establish Guidelines and Technical recommendations within the TC’s subject area.
• 3. To assist with technical programs of international and regional conferences organized by the ISSMGE.
• 4. To interact with industry and overlapping groups working in areas related to the TC’s specialist area.
Technical Committees (TCs)

- Independent of Presidential term
- Overseen by the Technical Oversight Committee
- Can be created upon proposal at any time
  - 2 new TCs (Energy and Land reclamation) have been recently created
- 2 voting members per country but unlimited number of corresponding members
- Up to four members nominated by the Chair (plus Secretary and Vice-chair)
- Apart from Chair nominations, the rest of members appointed by National Societies
- Official membership list in the ISSMGE website
- Maximum chair tenure: 8 years
- Institute Honour Lectures (guidelines published)
- New guidelines published
Honour Lectures

- BISHOP Lecture – Laboratory testing (TC101)
- MITCHELL Lecture – Site characterization (TC102)
- SCHOFIELD Lecture – Physical modeling (TC104)
- BLIGHT Lecture - Unsaturated soils (TC106)
- PROCTOR Lecture – Transportation Geotechnics (TC202)
- ISHIHARA Lecture - Earthquake (TC203)
- FUJITA Lecture – Underground construction (TC204)
- TSCHEBOTARIOFF Lecture - Soil-Structure Interaction and Retaining Walls (TC207)
- McCLELLAND Lecture – Offshore Geotechnics (TC209)
- MENARD Lecture – Soil Improvement (TC211)
- ROWE Lecture – Environmental Geotechnics (TC215)
- KERISEL Lecture – Monument preservation (TC301)
- LACASSE Lecture - Risk (TC304)
- BURLAND Lecture - Education (TC306)
Technical Committees (TCs)

- 32 TCs
- 101 to 107: Fundamental (2/7 answers)
  - Lab. testing 101: 14% - Unsat. soils 106: 12% -
- 201 to 217: Practical (8/17 answers)
- 301 to 308: Linked to society (2/8 answers)
  - Risk 304: 32%, Education 306: 4% (many profs with consulting activities)
Conferences

- Conferences, Symposia, Workshop, Meetings organized by:
  - Technical Committees (TCs)
  - Member Societies
  - Geographical groupings of Member Societies
  - “Ad-hoc” groups
  - ISSMGE
    - Regional Conferences (4-years interval)
    - International Conference (4-year interval)
2015, the year of Regional Conferences

- Australasia: 22 – 25 February
  Wellington, New Zealand

- Africa: 27 – 30 April
  Hammamet, Tunisia

- Europe: 13 – 17 September
  Edinburgh, UK

- Asia: 9 – 13 November
  Fukuoka, Japan

- Pan-American: 15 – 18 November
  Buenos Aires, Argentina
Membership (2015):

- 37 European Member Societies (out of 89) comprising 38 countries
  - A total of 8,059 members (out of 20,359 total members; 39.58%)
  - 9.75 members / million inhabitants
Technical Committees

- **International (11 out of 32)**
  - TC-102: In-situ testing. Portugal, Chair: António Viana de Fonseca
  - TC-104: Physical Modelling. UK, Chair: Andrew McNamara
  - TC-106: Unsaturated soils. UK, Chair: David Toll
  - TC 201: Dykes and levees. Netherlands. Cor Zwanenburg
  - TC 205: Safety and serviceability. UK, Chair: Brian Simpson.
  - TC 207: Soil-structure interaction Russia, Chair: Michael Lysiuk
  - TC 211: Ground improvement. Belgium, Chair: Noël Huyberchts
  - TC 212: Deep foundations. Italy, Chair: Alessandro Mandolini.
  - TC 213: Scour erosions. UK, Chair: Richard Whitehouse
  - TC 301: Historic sites. Italy, Chair: Renato Lancellotta
Technical Committees

European

- ETC-3: Piles. Chair: Maurice Bottiau (Belgium)
  - Organisation of an International Symposium in Louvain (Leuven), Belgium, in 28-29 April 2016 devoted to the theme: *Pile design in Europe - How did EC7 changed daily practice?*
  - DLT guidelines and Design exercises are being prepared

- ETC-7: Numerical Methods. Chair: César Sagaseta (Spain)
  - Organized the 8th European Conference on Numerical Methods in Geotechnical Engineering (NUMGE) in Delft on 17-20 June 2014.
  - The next NUMGE Conference will take place in Porto (Portugal) in 2018.
  - Workshop at the Edinburgh Conference

- ETC-10 Evaluation of Eurocode 7. Chair: Trevor Orr (Ireland)
  - Workshop at the Edinburgh Conference: A *workshop on safety and serviceability in geotechnical design* (with TC205 and TC304)

- ETC-12: Evaluation of Eurocode 8. Chair: Christos Vrettos (Germany)
  - A new Chair has been appointed

- ETC-16: Education and Training
  - Discontinued
Definitions – Register of professionals deemed to be competent to perform assessments, investigations, designs or forensic evaluations of the ground for engineering application.

Ground Engineering Professionals typically includes geotechnical engineers, engineering geologists, mining engineers and potentially geo-science specialists.

Primary Goals – 1) protect the general public and engineering profession from failure and consequential loss, provide confidence to clients and employers that persons undertaking such works are adequately qualified.

2) best suited to local practice and needs of the ground engineering industry

3) fully compliant with relevant national & European Codes & Standards including EN1997-1 (“appropriately qualified and experienced personnel”).
Further activities and initiatives led and coordinated by Fintan Buggy (Chairman of the Ireland Member Society)

- Workshop in Leuven 25-26 April 2016 (10 countries participated)
- A new meeting probably in Berlin in April 2017 (in connection with the SC7 Eurocode revision group meeting)

Current status

- Agreement on a common platform that may be accepted by the interested Member Societies a basis for a future mutual agreement
- Once the document is finalised, it will be circulated to all member Societies
- The goal is to include an information addendum to the next revision of EN1997 (can be adopted or ignored by any individual country)
- Try to get approval from a majority of European Member Societies at Seoul (September 2017) or, more likely, at Reykjavík (September 2019)
Major European Conferences

European Young Geotechnical Engineers Conference

- 23rd EYGEC: 3-5 September 2014. Barcelona (Spain)
- 24th EYGEC: 11-12 September 2015. Durham (UK)
- 2017. There will be the International YGEC in Seoul (associated with the International Conference)
- 2018. 26th EYGEC – Graz (Austria)
21st – 24th of June 2016, Sibiu, Romania

**Important Dates**
Invitation to Member Societies, call for papers: 15.11.2015  
Deadline for Abstracts: 15.01.2016  
Deadline for final papers: 15.04.2016

**Conference program**
- Welcome reception: 21.06.2016
- Conference day I: 22.06.2016
- Conference day II: 23.06.2016
- Technical visit: 24.06.2016
Major European Conferences

- Nordic Geotechnical Meeting (started in 1950)
Major European Conferences

- Baltic Sea Geotechnical Conference (started in 1968)
Major European Conferences

- Danube-European Conference on Geotechnical Eng. (started in 1964)
European Regional Conferences

<table>
<thead>
<tr>
<th>No</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Stockholm</td>
<td>Sweden</td>
<td>1954</td>
</tr>
<tr>
<td>2</td>
<td>Brussels</td>
<td>Belgium</td>
<td>1958</td>
</tr>
<tr>
<td>3</td>
<td>Wiesbaden</td>
<td>Germany</td>
<td>1963</td>
</tr>
<tr>
<td>4</td>
<td>Oslo</td>
<td>Norway</td>
<td>1967</td>
</tr>
<tr>
<td>5</td>
<td>Madrid</td>
<td>Spain</td>
<td>1972</td>
</tr>
<tr>
<td>6</td>
<td>Vienna</td>
<td>Austria</td>
<td>1976</td>
</tr>
<tr>
<td>7</td>
<td>Brighton</td>
<td>UK</td>
<td>1979</td>
</tr>
<tr>
<td>8</td>
<td>Helsinki</td>
<td>Finland</td>
<td>1983</td>
</tr>
<tr>
<td>9</td>
<td>Dublin</td>
<td>Ireland</td>
<td>1987</td>
</tr>
<tr>
<td>10</td>
<td>Florence</td>
<td>Italy</td>
<td>1991</td>
</tr>
<tr>
<td>11</td>
<td>Copenhagen</td>
<td>Denmark</td>
<td>1995</td>
</tr>
<tr>
<td>12</td>
<td>Amsterdam</td>
<td>Netherlands</td>
<td>1999</td>
</tr>
<tr>
<td>13</td>
<td>Prague</td>
<td>Czech Rep.</td>
<td>2003</td>
</tr>
<tr>
<td>14</td>
<td>Madrid</td>
<td>Spain</td>
<td>2007</td>
</tr>
<tr>
<td>15</td>
<td>Athens</td>
<td>Greece</td>
<td>2011</td>
</tr>
<tr>
<td>16</td>
<td>Edinburgh</td>
<td>UK</td>
<td>2015</td>
</tr>
</tbody>
</table>

XVI EUROPEAN CONFERENCE ON SOIL MECHANICS AND GEOTECHNICAL ENGINEERING,
EDINBURGH, 13 – 17 September 2015
# European Regional Conferences

<table>
<thead>
<tr>
<th>No</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Stockholm</td>
<td>Sweden</td>
<td>1954</td>
</tr>
<tr>
<td>2</td>
<td>Brussels</td>
<td>Belgium</td>
<td>1958</td>
</tr>
<tr>
<td>3</td>
<td>Wiesbaden</td>
<td>Germany</td>
<td>1963</td>
</tr>
<tr>
<td>4</td>
<td>Oslo</td>
<td>Norway</td>
<td>1967</td>
</tr>
<tr>
<td>5</td>
<td>Madrid</td>
<td>Spain</td>
<td>1972</td>
</tr>
<tr>
<td>6</td>
<td>Vienna</td>
<td>Austria</td>
<td>1976</td>
</tr>
<tr>
<td>7</td>
<td>Brighton</td>
<td>UK</td>
<td>1979</td>
</tr>
<tr>
<td>8</td>
<td>Helsinki</td>
<td>Finland</td>
<td>1983</td>
</tr>
<tr>
<td>9</td>
<td>Dublin</td>
<td>Ireland</td>
<td>1987</td>
</tr>
<tr>
<td>10</td>
<td>Florence</td>
<td>Italy</td>
<td>1991</td>
</tr>
<tr>
<td>11</td>
<td>Copenhagen</td>
<td>Denmark</td>
<td>1995</td>
</tr>
<tr>
<td>12</td>
<td>Amsterdam</td>
<td>Netherlands</td>
<td>1999</td>
</tr>
<tr>
<td>13</td>
<td>Prague</td>
<td>Czech Rep.</td>
<td>2003</td>
</tr>
<tr>
<td>14</td>
<td>Madrid</td>
<td>Spain</td>
<td>2007</td>
</tr>
<tr>
<td>15</td>
<td>Athens</td>
<td>Greece</td>
<td>2011</td>
</tr>
<tr>
<td>16</td>
<td>Edinburgh</td>
<td>UK</td>
<td>2015</td>
</tr>
<tr>
<td>17</td>
<td>Reykjavík</td>
<td>Iceland</td>
<td>2019</td>
</tr>
</tbody>
</table>
The 17th European Conference on Soil Mechanics and Geotechnical Engineering Reykjavik Iceland

1st - 6th of September 2019

Our bid was accepted 15th of September 2015

ECSMGE 2019 will be in Reykjavik

The Icelandic Geotechnical Society are pleased to welcome you to the XVII European Conference on Soil Mechanics and Geotechnical Engineering in Reykjavik, Iceland 1st - 6th of September 2019.
The International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)

Antonio Gens
Vice - President Europe
Technical University of Catalonia, Barcelona Tech