



**ISSMGE TECHNICAL COMMITTEE REPORT**

*Period covered by this report: October 2013 – April 2017*

*To be sent back to the TOC ([pierre.delage@enpc.fr](mailto:pierre.delage@enpc.fr) - [soga@berkeley.edu](mailto:soga@berkeley.edu)) by **31 May 2017***

*Prepared by:*

Name of the Technical Committee:	TC-306 – Geo-Engineering Education
Chair:	Waldemar Hachich
Vice-Chair (if any):	Marina Pantazidou
Secretary:	Bryan McCabe

	<b>Query</b>	<b>Comment</b>
1	Are you happy with the Terms of Reference of your TC on the ISSMGE website?	We have updated the Terms of Reference on the ISSMGE website, so as to reflect objectives for the 2013-2017 period. Some of those are long term continuing objectives. Some have been accomplished and may or may not be retained. Others are ongoing objectives (such as “Recommend bibliography”, a joint effort with JTC3).
2	Is your List of Members satisfactory?	The list itself is accurate, but many member societies have not appointed members, most notably from Africa, South America and North America.
3	How many members do you have in your TC?	28 nominated members 2 liaison members with JTC3 1 liaison member with other TCs 1 corresponding member (124 members in GeoWorld group)
4	Do you have a TC website?	Yes, both ISSMGE and GeoWorld.
5	Did you hold TC administrative meetings during the period? Please give details (date, location, participation,...)	<ul style="list-style-type: none"> <li>September 13, 2015 – Edinburgh, Scotland, 13 members in attendance</li> <li>October 21, 2016 – Belo Horizonte, Brazil, 6 members in attendance</li> <li>September, 2017 – Seoul, South Korea</li> <li>Possible TC 306 meeting in Reykjavik, Iceland, in September 2019 (XVII ECSMGE)</li> </ul>
6	Did you organise any event (conference, workshop, short course,...) during the period? Please give details (date, location, participation,...)	<ul style="list-style-type: none"> <li>September 13, 2015 – 9:00-11:00 – Edinburgh, Scotland Workshop: “Industry meets academia: what should future geo-engineers be learning in school?” (on occasion of the XVI ECSMGE) Attendance: about 15.</li> <li>October 20-21, 2016 – Belo Horizonte, Brazil Conference: “SFGE 2016 – Shaping the Future of Geotechnical Education” (on occasion of COBRAMSEG 2016, the Brazilian national conference) Attendance: from about 20 in parallel sessions up to over 600 (+ webinar remote audience) in John Atkinson’s “John Burland Lecture”</li> <li>Next TC306 international conference to take place in Greece, in 2020, organized by Marina Pantazidou.</li> </ul>
7	Did you assign some work tasks to TC members?	Yes. Details in minutes of the TC meetings. Several satisfactorily completed, some progressing well.

8	Did you produce any deliverable (State of the art report, State of practice report, Guidelines,...) ?	<ul style="list-style-type: none"> <li>• TC306 established its Honour Lecture, the “John Burland Lecture”. The first lecture in the series was delivered by Prof. John Atkinson on October 20, 2016, and the video is available from the TC306 website.</li> <li>• On Geotechnical curricula: “Geo-Engineering Competencies”, report by John Atkinson, available from the GeoWorld portal.</li> <li>• "TC306 International Conferences Database", organized by Marina Pantazidou, available from the TC306 ISSMGE website, including the Edinburgh “Industry meets academia” workshop.</li> <li>• Resources for geotechnical laboratory classes: interactive learning modules developed by Mark Jaksa and colleagues at the University of Adelaide, available from <a href="http://proxy.civeng.adelaide.edu.au/OLT/index.html">http://proxy.civeng.adelaide.edu.au/OLT/index.html</a>.</li> <li>• Special issue of the “International Journal of Geoengineering Case Histories” on the theme “Case studies developed for geotechnical engineering instruction” (guest editor: Marina Pantazidou).</li> </ul>
9	Did you have any interactions with other TCs?	Yes, with TC104, TC106 and TC208, as well as JTC3. Michele Calvello acted as liaison member with ISSMGE TCs and with JTC3.
10	Are there any future activities being considered?	<ul style="list-style-type: none"> <li>• TC306 decided to establish a regular series of <b>webinars</b>, with emphasis on case studies. The first “John Burland Lecture” was the first TC306 <b>webinar</b> as well. “Case Studies Webinars”, perhaps two or three per year, are being considered. It is believed that the recorded webinars will become a most effective resource for geotechnical educators everywhere.</li> <li>• TC306 workshop in Seoul, on occasion of the 19<sup>th</sup> ICSMGE</li> <li>• Possible TC 306 workshop on occasion of the XVII ECSMGE, in Reykjavik, Iceland, in September 2019</li> <li>• TC306 international conference in Greece, in 2020, including the “John Burland Lecture”</li> <li>• Additional “John Burland Lecture” may be scheduled for regional conferences (2019) or the 20<sup>th</sup> ICSMGE (2021)</li> </ul>
11	What do you think about the SoA/SoP survey managed by the CAPG with the TOC?	At first we thought that the theme of TC306 would not be quite fit for the survey. We were impressed by the imaginative way our response (and TC306) were included in the survey. Answers confirmed some of the TC’s own beliefs, both reflected in its actions and activities over the past years and planned for the future: <ul style="list-style-type: none"> <li>• the relevance of case histories, online teaching, and conference technical papers</li> <li>• the need for cooperation between academia and industry, and for a better balance between teaching and research in most universities</li> <li>• the need for collaboration with engineering education researchers</li> </ul>
12	Do you prepare a TC Workshop for the 19 <sup>th</sup> ICSMGE in Seoul?	Yes, organized and chaired by Marina Pantazidou. "What should graduates be able to do & What and How to teach to enable them to do it" Wednesday, Sep. 20, 11:00-12:30
13	If any, are you happy with your contribution to the organisation of a Discussion session on your topic for the 19 <sup>th</sup> ICSMGE in Seoul?	Of the papers submitted to the 19 <sup>th</sup> ICSMGE, only five were thematically akin to TC306 terms of reference.
14	Any further comment	