



ISSMGE TC 211 GROUND IMPROVEMENT NEWSLETTER n°10, April 2015

Dear reader,

In this 10th Newsletter we provide some information concerning the recent and upcoming activities of the ISSMGE TC211. Here below more information is given regarding the following topics:

- Organization of a **TC211 official conference session - Kuala Lumpur (31.05 - 01.06.2016)** within the framework of the 19th SOUTHEAST ASIAN GEOTECHNICAL CONFERENCE and **CALL FOR ABSTRACTS (30.04.2015 !!!)**
This event will substitute for the IS-GI 2016 as first announced in the previous TC Newsletters.
- Organization of a **workshop TC211 to be held in Edinburgh** within the framework of the XVI ECSMGE (September 2015): presentation of the technical program
- Workshop on Ground improvement and soil stabilization as part of the 3rd International Conference on Transportation Geotechnics (September 2016)
- Recent and upcoming events and activities related to the TC211

1. Organization of the ISSMGE TC211 conference session within the framework of the 19th Southeast Asian Geotechnical Conference and CALL FOR ABSTRACTS

Originally the executive board of the TC211 had envisaged to organize a new International Symposium on Ground Improvement at Brussels as organized in 2012. But analysing the international event diary, it has finally been decided to organize a plenary TC211 session at the next 19th SOUTHEAST ASIAN Geotechnical Conference. Indeed, the theme of this conference is “Deep Excavation and Ground Improvement”. After the executive board of the TC211 received an invitation of the organizing committee of the 19th SEAGC, it was decided to group the effort to organize together an official GI session in agreement with our reference terms:

***“GROUND IMPROVEMENT works:
Recent advances in R&D, design and QC/QA”***

At this occasion, a **Louis Ménéard Lecture** focusing on this theme will be delivered.

In addition, a **Honor lecture** concentrating on execution aspects of ground improvement works will also be proposed to the audience.

Finally, the program of the session will be completed by the **presentation of five selected papers** within the panel of papers received by the official organizing committee of the conference.

A call for abstract is currently open. The authors have to submit their abstract before the extended deadline of 30 April 2015 to the following address:

seagc2016@gmail.com



The TC draws the attention of the TC members to the fact that papers focusing on the main theme of the conference session (as aforementioned) will be selected in priority for oral presentation by the executive board.

We sincerely think that the 19th Southeast Asian Geotechnical Conference is a great opportunity to organize a TC211 conference session in a region presenting a strong historical background in terms of ground improvement works. Major players of the ground improvement community are strongly represented. In attachment of this Newsletter, the reader will find the first bulletin of the conference.

The 19th SOUTHEAST ASIAN Geotechnical Conference will be held from 31 May to 1st June 2016.

The date and the time schedule of the TC211 conference session will follow later with more information concerning the full technical program (Louis Ménéard Lecture, honor lecture etc.).

More information on the conference on:

<http://seags.ait.asia/news-announcements/19th-southeast-asian-geotechnical-conference-2nd-agssea-conference-deep-excavation-and-ground-improvement-31-may-3-june-2016/>



AGSSEA

19TH SOUTHEAST ASIAN GEOTECHNICAL CONFERENCE & 2ND AGSSEA CONFERENCE

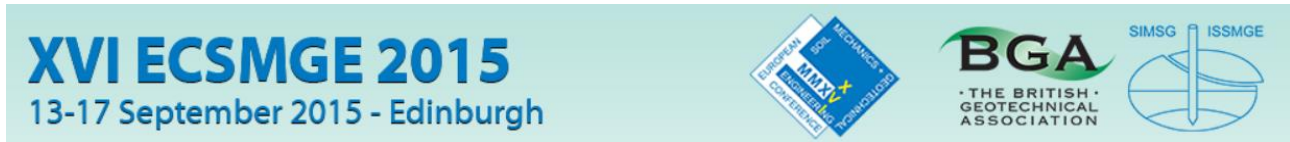
Deep Excavation and Ground Improvement

31 May – 3 June 2016

Dorsett Grand Subang, Subang Jaya, Malaysia



2. Organization of the Workshop ISSMGE TC211 in Edinburgh (September 15, 2015)



At the occasion of the XVI European Conference on Soil Mechanics and Geotechnical Engineering, which will be held in September 2015 in Edinburgh (<http://xvi-ecsmge-2015.org.uk/>), the TC211 organizes a workshop dedicated to the ground improvement works. **This workshop will be held on Tuesday 15 September 2015 in the afternoon (at 4 p.m.) at the conference venue.** A room of 80 seats capacity (possibly extendable to 95) is foreseen for this event.

As previously mentioned, the Workshop TC211 will be entitled:

“Progress in QC/QA for GROUND IMPROVEMENT works”

The TC is proud to announce a close cooperation with the TC 102. Since our terms of reference for the current period address as major topic: “Design, Quality Control and Quality Assurance for ground improvement works”, *in-situ* testing plays certainly a major role with this regard. The synergy with the TC 102 is thus evident and the TC has invited Antonio Viana da Fonseca, the Chairman of this TC to make a special presentation during this workshop.

The TC executives have selected contributions from six European countries.

The provisional program currently includes:

- Antonio Viana Da Fonseca (Portugal), the Chairman of TC 102 with a presentation regarding the reliability of the use of CPT, SPT, DPR, PMT and geophysical methods for the control of ground improvement works,
- Richard Jewell (UK) with the unusual topic of *in-situ* test and ground improvement in permafrost, hopefully with his Russian colleague Nicolai Volkov (Russia),
- Henk Van De Graaf (Netherlands) with the subject of *in-situ* tests and laboratory tests for ground improvement,
- Jerome Racinais (France) with the calibration of rigid inclusion parameters based on pressuremeter test results,
- Jimmy Wehr (Germany) with the topic of QC monitoring for vibro techniques,
- Wim Maelberg (Belgium) with a presentation concerning the ground improvement techniques applied for the new railway construction works in Mechelen, Belgium.

The Workshop TC211 will be followed by a short meeting of the TC members.

The room of the TC 211 workshop will be communicated in July 2015.



3. Workshop on Ground Improvement and soil stabilization at the 3rd ICTG 2016



The 3rd International Conference on Transportation Geotechnics will be held in September 2016 in Guimarães, Portugal from 4 to 7 September 2016. The reader will find more information on the conference on the following website:

<http://www.civil.uminho.pt/3rd-ICTG2016>

At the occasion of this conference, the TC 211 has proposed to Serge Varaksin to act as the Chairman of the Workshop on Ground improvement and soil stabilization which will thus be coordinated by the ISSMGE TC211. This workshop should be organized during the first day of the Conference which involves the participation of industry, designer engineers and academy.

4. Recent and upcoming activities and events related to the TC 211

[International Symposium ISP-7 PRESSIO 2015 – Tunis, May 1-2, 2015](#)



The International Symposium ISP-7 Pressio 2015 will be held at the occasion of the 16th African Conference on Soil Mechanics and Geotechnical Engineering in Tunisia (Tunis, May 1-2, 2015). See <http://pressio2015-isp7.wix.com/french> for more information. The TC 211 is actively participating in the scientific committee with Babak Hamidi, Johannes Kirstein, Kenny Yee and Serge Varaksin, Chairman of the scientific committee. At the occasion of this symposium, the Chairman of the TC 102 *in-situ testing*, Antonio Viana da Fonseca, will deliver a Keynote lecture. Other Keynote speakers as Jean Louis Briaud (past president of ISSMGE and key researcher on pressuremeter), Michael Pavlakis of South Africa and Jian Chu of Singapore will make the symposium a world class event.



[The Deep Mixing Conference, San Francisco, June 2-5, 2015](#)



Deep Mixing 2015 will be held in San Francisco (June 2-5, 2015). This international conference, organized by the DFI, will be co-chaired by our TC members George Filz and Masaki Kitazume. A series of international conferences and symposia focused on deep mixing have taken place alternating between Japan (1996, 2002, 2009) and Sweden (1999, 2005). Deep Mixing 2015 marks the first event in the series to be held in North America. **ISSMGE TC211 members are actively participating with presentations of Abir Al-Tabbaa, Nicolas Denies, Michał Topolnicki, Masaaki Terashi etc.**

For more information:

<https://www.regonline.com/builder/site/Default.aspx?EventID=1662626>

[The International Conference on Soft Ground Engineering, Singapore, December 3-4, 2015](#)



At the occasion of the International Conference on Soft Ground Engineering, which will be held in Singapore at the end of the year, the debates will focus on the following topics:

- Excavation and retaining structures in soft ground
- Foundations and structures on soft ground
- **Ground improvement in soft soils**
- Laboratory and numerical studies on soft soils
- Case studies on soft ground engineering problems

The reader will find more information on the following website: <http://www.geoss.sg/icsge2015/>

The TC 211 thanks you for your active participation and plans to complete those informations by early July 2015.

May the spring 2015 be a successful time for you all.