



**MID-TERM TC 207 REPORT**

*October 2017 – April 2019*

*This questionnaire, finalised and approved during the Singapore Board meeting of 10 March 2019, is presented here as a word file to let TC officers aware of the questions asked to complete the mid-term report.*

**The questionnaire will have to be filled directly on the ISSMGE website, that will be set up accordingly by mid-April 2019.**

*The synthesis of all TC reports will be presented during the forthcoming Council meeting of 6 October 2019 in Cape Town (17<sup>th</sup> African Regional CSMGE). To cope with this deadline, TC officers are kindly asked to fill it on line by **1<sup>st</sup> May 2019***

*Many thanks to TC officers for their contribution to the ISSMGE's technical activities and objectives!*

Name of the Technical Committee:	TC207
Chair:	Michael Lisyuk
Vice-Chair (if any):	Vladimir Ulitsky
Secretary:	Deepankar Choudhury
Form filled by:	Deepankar Choudhury
Number of TC members:	68
Number of chair nominated members	1
Website:	tc207ssi.org
Date of last website update:	12 December 2018

	<b>Query</b>	<b>Yes Please provide details</b>	<b>No Why?</b>
1	Are you happy with the Terms of Reference of your TC in the ISSMGE website?	Yes.  Present Terms of Reference for TC 207 are fine and complete.  Members have not expressed any additional negative view, hence it can be considered that all are happy with it.	
2	Is your List of Members satisfactory?	Yes. List of Members is satisfactory and updated.	
3	Do you have an Honour lecture? If yes, where and when has it been given last time?	Yes. Gregory Tschebotarioff Lecture. 2 <sup>nd</sup> Gregory Tschebotarioff Lecture Lecture was given by Dr. Chris Haberfield, Golder Associates Pty Ltd, Australia on 19 <sup>th</sup> Sept. 2017 at 19 <sup>th</sup> ICSMGE, Seoul, Korea.	
4	Did you or do you plan to select Bright Spark lecturers during your TC Conferences? see <a href="https://www.issmge.org/filemanager/article/48/Criteria_Bright_Spark_Lecture.pdf">https://www.issmge.org/filemanager/article/48/Criteria_Bright_Spark_Lecture.pdf</a>	Yes. If ISSMGE provide facilities, TC 207 can plan for it as applicable.	
5	Did you hold TC administrative meetings during the period? If yes, please give details (date, location, participation,...)	Yes. At St. Petersburg on 20 Sept. 2018.	

6	Do you plan to organise a TC administrative meeting or Workshop during a forthcoming SMGE Regional Conference or at another occasion?	<p>Yes.  Either at 16th ARC, Taiwan in Oct 2019 or at ECSMGE 2019, Iceland in Sept 2019.  Also at TC207 International Geotechnical Conference on “Construction in historical cities: problems and solutions” is going to be organized on 6-7 June 2019 at Saint Petersburg, Russia.</p>	
7	If any, have you been happy with your contribution to the organisation of a Discussion session on your topic for the 19 <sup>th</sup> ICSMGE in Seoul?	<p>Yes.  TC 207 had two technical sessions and one workshop during 19th ICSMGE in Seoul.</p>	
8	Did you organise a TC workshop on your topic during the Seoul 2017 ICSMGE?	<p>Yes.  Title of Workshop: [TC207]  Recent Advances in Soil-Structure Interaction and design of Retaining Walls.  Schedule / Location: Sep. 20, 2017; 15:30-17:00 / Hall E2.  Chair Person: Dr. Michael Lisyuk, Director, Georeconstruction Engineering Co, Russia.  Secretary General: Prof. Deepankar Choudhury, Professor, IIT Bombay, Mumbai, India.  Description:  The classical topic of research and application in the domain of soil-structure interaction and retaining walls is getting more attention to the geotechnical engineers in recent past due to the vast infrastructure development works all over the world. This workshop of TC 207 aims to find out and discuss the recent advances in area of soil-structure interaction and design of retaining walls internationally. Speakers will provide the insight of fundamental to practical research applications of soil-structure interactions for various geotechnical structures like pile foundations, combined pile-raft foundation, slope, embankment, anchors etc. Various case studies will be discussed to highlight the complexities involved in the field application of soil-structure interaction problems. To conclude, a discussion session will take place with recommendations for future research and applications in this area with a possibility to bring out international design guideline for handling complex soil-structure interaction problems which will be beneficial for the society.</p>	

9	<p>Did you organise any other event (including conference, workshop, short course,...) during the period? If yes, please give details (date, location, participation,...)</p>	<p>Yes.</p> <p><b>Event 1: At Saint Petersburg, Russia on 19-21 September 2018:</b></p> <p>International Conference on “Urban Planning Below the Ground Level: Architecture and Geotechnics” was held during September 19 – 21, 2018 at Saint Petersburg, Russia. The Intended Subject Areas had been considered in the conference were Underground Master-Planning in a Megacity, Underground Development and Preservation of Historic City Sites, Architectural Features of Underground Cities, Geotechnologies in Development of Underground Space, Soil-Structure Interaction and Monitoring in Underground Construction.</p> <p>In the conference, Scientific Committee included Prof. M. Jamiolkowski (Italia), Prof. O. Bilgin (USA), Prof. V. Bilfinger (Brazil), Prof. J.-L. Briaud (USA), Prof. W. Van Impe (Belgium), Prof. R.E. Dashko (Russia), Prof. R. Katzenbach (Germany), Prof. Deepankar Choudhury (India), Prof. H. Brandl (Austria), Prof. I. Sokolic (Croatia), Prof. Ch. Haberfield (Australia), Prof. H. Hazarika (Japan), Prof. Fang Liu (India), Prof. M. Latha (India), Prof. K.G. Shashkin (Russia) and Prof. Yasser Al-Mossalami (Egypt).</p> <p>The main objective of the conference was exchanging of ideas between architects, restoration and preservation specialists and geotechnical engineers on a range of subjects related to development of underground space in megacities. The purpose of this Conference is to further interdisciplinary exchange of professionals representing different fields. The Conference was expected to enjoy participation of researchers and practitioners from Russia, the CIS, Europe, Asia, America and Australia. Professionals were invited in the fields of Architecture, Geotechnical Engineering, Engineering Geology and Underground Construction to take part in the Conference and present their papers.</p>	
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Picture 1 Delegates in TC207  
International Geotechnical  
Conference, 2018

**Event 2: At Bangalore, India on 12  
December 2018:**

ISSMGE TC-207 Workshop on “Recent Advances in Retaining Walls and Soil-Structure Interaction” was organized jointly by ISSMGE, Indian Geotechnical Society and IGS Bangalore Chapter as a pre-conference workshop of IGC-2018 in the B K Ramiah Hall of National Science Complex of Indian Institute of Science on 12<sup>th</sup> December 2018. About 100 delegates participated in this workshop.

The workshop was inaugurated by the ISSMGE Vice-President (Asia), Prof. E.C. Shin, President of IGS, Prof. G. L. Sivakumar Babu, Honorary Secretary of IGS, Prof. J. T. Shahu, Secretary, ISSMGE TC-207 Prof. Deepankar Choudhury, Chairman of IGC-2018, Prof. P. V. Sivapullaiah and Vice-chair IGC-2018 and member of ISSMGE TC—207, Prof. G. Madhavi Latha. Prof. E.C. Shin presented an Introductory overview of ISSMGE activities and the significance of TC-207 team.

Prof. Deepankar Choudhury, Secretary of TC 207 and Prof. G. Madhavi Latha, Member of TC 207 were the Conveners and Organizers of this event.

There were 8 lectures delivered in three technical sessions of the workshop. Speakers include ISSMGE TC-207 members Prof. Hemanta Hazarika (Japan), Prof. N. K. Samadhiya, Dr. V. Balakumar, Dr. Anindya Pain and invited speakers Prof. M. R. Madhav, Prof. S. P. Gopal Madabhushi (UK), Prof. Gokhan

		<p>Baykal (Turkey) and Prof. Ayse Edincliler (Turkey).</p> <p>The delegates of the workshop are from a cross section of academicians, researchers, industrialists and students from different public and private institutes and organizations. Various aspects of soil-structure interaction and recent innovations and developments in retaining wall technologies were discussed through well documented laboratory model studies and field case studies.</p>  <p>Picture 2 ISSMGE TC-207 Members during the workshop, 2018</p>	
10	Were the proceedings of your events published in Open Access?	<p>Yes.</p> <p><a href="http://tc207ssi.org/proceedings.html">http://tc207ssi.org/proceedings.html</a></p>	
11	Did you assign some tasks to TC members or Task force group? If yes, what has been produced?	<p>Yes.</p> <p>Outcomes are expected to come at the end of the year, 2019</p>	
12	Did you produce any deliverable (State of the art report, State of practice report, Guidelines,...) ?	<p>Yes.</p> <p>Some of the documents came out in the proceedings</p> <p>(<a href="http://tc207ssi.org/proceedings.html">http://tc207ssi.org/proceedings.html</a>)</p>	
13	Did you have any interactions with other TCs? If yes, which TC?	<p>Yes.</p> <p>TC 203, Earthquake Geotechnical Engineering and Associated Problems (Sub group: Dynamic Soil-structure Interaction) Prof. Hemanta Hazarika – Convener.</p>	
14	Are there any future activities being considered?	<p>Yes,</p> <p>TC207 International Geotechnical Conference on “Construction in historical cities: problems and solutions” is going to be organized on 6-7 June 2019 at Saint Petersburg, Russia</p>	
15	Did you or do you plan to have some contributions to any of the ISSMGE President's initiatives? (see list below)	<p>Yes.</p> <p>Sure, anything related to TC 207 as per ISSMGE President's initiatives will be taken up.</p>	
16	Do you plan to provide a case study for the ISSMGE Case Histories Journal? (cf e-mail D. Zekkos, 11/02/2019)	<p>Yes.</p> <p>In near future.</p>	
17	Any further comment		