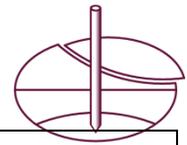




**ISSMGE FOUNDATION
REPORT ON CONFERENCE ATTENDANCE**

Your Name: Chung Man Yui	Your Organization: Hong Kong Geotechnical Society (HKGES)	Date of report: 1 October 2017
Conference Title: 19 th International Conference on Soil Mechanics and Geotechnical Engineering (ICSMGE) and 6 th International Young Geotechnical Engineers' Conference (iYGEC)	Location of Conference: Seoul, Republic of Korea	Dates of Conference: 16 to 22 September 2017
What you learned: <u>6th iYGEC</u> I have met young researchers and engineers from different countries in iYGEC and learnt the latest development of geotechnical engineering from their presentations and papers. I have presented my paper about prediction of ground settlement of deep excavation works in Hong Kong in iYGEC. I have learnt how to share my ideas with people from different parts of the world. I also received valuable comments and queries from other young engineers which is useful for future work of my project. <u>19th ICSMGE</u> The programme of first two days is mainly Honours Lectures and Special Lectures, the lectures include different topics, from theory to practice, from fundamentals to application. One special lecture is about recent development of vertical drains and vacuum preloading for ground improvement. Vacuum Preloading is not common in my home town. I have learnt the vacuum consolidation theory in this lecture. I hope I could apply it in my future projects. The third and fourth day is mainly discussion sessions and workshops on different topics, including ground investigation, soil testing, foundation, underground construction, slopes, ground improvement, etc. The workshop TC205 – 304 Discussion of statistical / reliability methods for Eurocodes inspired me a lot. The workshop was about reliability methods in design, how sufficient robustness can be ensured in geotechnical design. It is well known that there is always uncertainty in the design, unforeseen events/actions, and variations of parameters/actions. It is important that our design can cater these uncertainties but not overdesigned. Reliability based design would provide a framework to consider the risks and uncertainties in systematic way. I have learnt the value of reliability-based design in this workshop.		

***People you met:***

I have met academia, industrial professionals and young engineers in the conference. A few of them are listed below:

Professor Roger Frank – President of ISSMGE

Professor Charles Ng – Hong Kong University of Science and Technology

Professor Yu-Hsing Wang – Hong Kong University of Science and Technology

Brian Simpson – Arup

Main features of conference:**6th IYGEC**

The 6th International Young Geotechnical Engineers' Conference was held on 16 to 17 September 2017 in GECE, Seoul National University, Seoul. The conference consists of 2 keynote lectures, 16 parallel discussion sessions. Young engineers over the world presented their projects, researches in the conference, comments and queries were raised in the discussion after each presentation. In addition, we had a dinner on 16 September with all participants and board members of ISSMGE, which was a great chance to exchange ideas with senior professionals in the industry.

19th ICSMGE

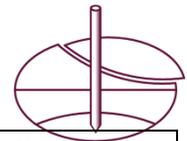
The 19th International Conference on Soil Mechanics and Geotechnical Engineering was held on 18 to 21 September 2017 in Coex Convention Centre, Seoul. The main theme of conference is “Unearth the Future, Connect Beyond []”, which is about bridging the gaps between past and future, young and senior.

The conference consists of 16 Honours Lectures and Special Lectures, and discussion sessions and workshops cover different topics on geotechnical engineering, from fundamentals, e.g. in-situ testing, laboratory testing, to applications, e.g. deep foundation, underground construction, ground improvement.

Your comments on the conference:

iYGEC is a great platform for young engineers to share and discuss the current research and projects over the world. I am very glad that I have a chance to join the conference and meet with young professionals and learnt from them. I know the connection will not end in the conference but the young engineers I met in the conference would be my good colleagues in my career.

19th ICSMGE was very well organized. All the lectures and discussions sessions are very inspiring. The conference is a very good platform for professionals from different countries to share their researches and thoughts.



Please attach short report (maximum 400 words) suitable for publication in the ISSMGE Bulletin:

6th International Young Geotechnical Engineers' Conference (iYGEC6) was held on 16 to 17 September 2017 in Seoul. iYGEC is a platform for young engineers to share and discuss the current research and projects over the world. The conference consists of two keynote lectures and sixteen parallel discussion sessions.

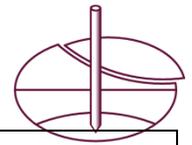
First keynote lecture is about application of GIS in earthquake hazard assessment provided by Professor Choong-Ki Chung while the second keynote lecture is Ethics and Leadership provided by Za-Chieh Moh. The keynote lectures cover from application of new technology to code of conduct of an engineer.

The presentations of the delegates were categorized in different topics, including in-situ investigation and characterization, foundation, excavation, ground improvement, etc. Thanks to the organizing committee offering an opportunity to present the in conference on my paper "Prediction of ground settlement of deep excavation works adjacent to operating railway tracks in Hong Kong". I am glad to share my knowledge and lesson learnt in my deep excavation project in Hong Kong and get feedback from other young engineers. Their comments and queries bring me new ideas for future work of the project.

The 19th International Conference on Soil Mechanics and Geotechnical Engineering was held on 18 to 21 September 2017 in Coex Convention Centre, Seoul. The main theme of the conference is "Unearth the Future, Connect Beyond []". The conference consists welcome reception, opening ceremony, Honours and Special Lectures, and parallel discussion sessions and workshops organized by technical committees.

One of the most inspiring lectures is Challenges and shortcomings in geotechnical engineering practice in the context of developing country provided by Professor Peter Day. Professor Peter Day has mentioned one of the challenges is how to apply available knowledge in practice, and the gap between theory and practice. He discussed the process of transferring of new knowledge to industry, and collaboration between academics and practitioners which is an important topic in our industry. Effort from both academia and industry professionals are required to bridge the gap. The lecture made me think how I can contribute to applying knowledge to practice.

I would like to thank ISSMGE Foundation to support my participation in both conferences.



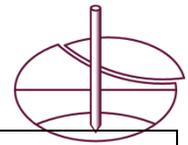
Photographs from Conference: Insert here or attach to email



My presentation in 6th iYGE



Opening Ceremony of 19th ICSMGE



1952 participants in 19th ICSMGE and they are all over the world



Participants from Hong Kong and China