



**ISSMGE FOUNDATION  
REPORT ON CONFERENCE ATTENDENCE**

<p><b>Your Name:</b> Amarnath Hegde</p>	<p><b>Your Organization:</b> Indian Institute of Technology Patna, India</p>	<p><b>Date of report:</b> 28<sup>th</sup> September, 2017</p>
<p><b>Conference Title:</b> 19th International Conference on Soil Mechanics and Geotechnical Engineering (19th ICSMGE)</p>	<p><b>Location of Conference:</b> Seoul, Republic of Korea</p>	<p><b>Dates of Conference:</b> 17 – 22 September, 2017</p>
<p><b>What you learned:</b></p> <p>The participation in the conference provided me the insight into ongoing research activities in the field of geotechnical engineering. I presented the paper entitled “Probabilistic seismic slope stability analyses of rock fill tailing dams: A case study” under TC210 (Dams and Embankments) in the conference. Through my presentation, I got a chance to display my research work to the experts from all over the world and receive their feedback. The discussions with the experts helped me to broaden my knowledge and deepen my understandings into the subject. I have received very good research inputs from the researchers working in the same area.</p> <p>In addition, all the papers presented at the conference were very informative and of the highest quality. The keynote lectures delivered by the experts were very informative. I got an opportunity to interact with the researches, academicians and practicing engineers from various countries. Through this interaction, I have made many friends from different countries. It will help me in the near future to exchange the ideas leading to the research collaborations. Apart from the technical gains, I have also got a chance to experience and enjoy the uniqueness of the Korean culture.</p>		
<p><b>People you met:</b></p> <p>The conference gave a platform to meet and interact with many professional leaders from industry and academia. Very few of them are listed below.</p> <ol style="list-style-type: none"> <li>1. Prof. Kerry Rowe (Queen's University, Canada)</li> <li>2. Prof. Mark Randolph (The University of Western Australia)</li> <li>3. Prof. Roger Frank (Immediate Past President, ISSMGE)</li> <li>4. Prof. Buddhima Indraratna (University of Wollongong, Australia)</li> <li>5. Prof. Anand Puppala (University of Texas Arlington, USA)</li> <li>6. Mr. Ming Lai (Senior Design Engineer, Keller Pty Ltd, Australia)</li> </ol>		
<p><b>Main features of conference:</b></p> <p>International Conference on Soil Mechanics and Geotechnical Engineering (ICSMGE) takes place once in four years. The main objective of the ICSMGE is to showcase the recent developments and advances and offer an international forum to discuss and debate on the future directions for geotechnical engineering. This year's edition was the 19<sup>th</sup> of the ICSMGE series. The 4-days of the conference consisted of 15 distinguished keynote lectures, 53 technical</p>		



sessions, 30 workshops, 1 poster session, and a large exhibition. More than 750 papers were presented in the conference, covering various aspects of the geotechnical engineering. Indeed, the conference was a technical feast for all the participants.

***Your comments on the conference:***

My appreciations and heartfelt thanks to the organizing committee of 19ICSMGE for organizing such a wonderful event. The conference was very well planned and organized by the organizing team in all respects. The quality of the papers presented at the conference was very high. I encourage my friends and colleagues to attend the 20<sup>th</sup> ICSMGE in Sydney.

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

**19th International Conference on Soil Mechanics and Geotechnical Engineering (19th ICSMGE)**

*17<sup>th</sup> -22<sup>th</sup> September, 2017, Seoul, Republic of Korea*

The 19<sup>th</sup> ICSMGE was organized by the Korean Geotechnical Society at COEX convention Centre in Seoul. The theme of the conference was “Unearth the Future, Connect Beyond [ ]”. It is about bridging the gaps between past and future, between young and senior engineers, and between developing and developed nations, among others. The conference consisted of various programs, including the plenary sessions, parallel sessions, ISSMGE honor lectures, iYGEC, Technical visits, and exhibitions.

The conference started on 18th September, 2017 with a beautiful opening ceremony. The opening ceremony was followed by “Terzaghi Oration” delivered by Prof. Peter Day, University of Stellenbosch, South Africa. He spoke on the topic of Challenges and Shortcomings in Geotechnical Engineering Practice in the Context of a Developing Country. It was followed by series of inspiring lectures from Prof. David Muir Wood (Bishop Lecture), Dr. John Powell (James K. Mitchell Lecture), Prof. Yeon-Soo Jang (Heritage Lecture), Prof. Mark Randolph (Schofield Lecture), Prof. Delwyn G. Fredlund (Geoffrey Blight Lecture) and Prof. Antonio Gomes Correia (Proctor Lecture).

On 19th September, the morning session had five distinguished keynote lectures. The keynote speakers were Prof. Sivakumar Babu GL, Prof. Myoung Mo Kim, Prof. Jonathan Donald Bray, Dr. Chris Haberfield and Prof. Buddhima Indraratna. All the keynote lectures were very informative and educational. The post - lunch session had four special honors lectures. These lectures were delivered by Dr. Young-Do Park, Prof. Mario Manassero and Prof. Carlo Viggiani and Dr. Farrokh Nadim.

On 20th September, plenary sessions pertaining to various technical committees were held. I have presented my paper entitled “Probabilistic seismic slope stability analyses of rock fill tailing dams: A case study” in the session TC210 (dams and embankments). Parallel to the plenary sessions, various workshops were organized. The workshop on “MSE walls and Reinforced slopes” was very interesting.

On 21<sup>st</sup> September, different plenary sessions and workshops were organized. The Indo-Korean joint workshop on “ Geotechnical Challenge for Megacities” was very informative.

In overall, the conference gave me a right platform to learn and understand the different aspects of geotechnical engineering and gave me an opportunity to extend knowledge in my area of research. I would like to express my sincere thanks to ISSMGE Foundation for providing financial support for participating in the conference.

***Photographs from Conference:***



***With Prof. Roger Frank (Immediate Past President, ISSMGE)***



***With Prof. Dong-Soo KIM  
Chair, 19th ICSMGE Organizing Committee***



*With Prof. Mark Randolph (The University of Western Australia)*



*With Prof. M.R. Madhav (Past Vice-President ISSMGE)*