



15 February 2014

President's Report

It is my pleasure to report the work of the Society on behalf of the Committee.

This report covers the period from 1 January 2013 to 31 December 2013.

The Management Committee of SRMEG consists of the following committee members:

Zhao Zhiye, President
Cai Jun Gang, Vice President
Wong Ngai Yuen, Louis, Hon. Secretary
Ong Huei Luen, Hon. Treasurer
Cheng Ying Ngong, Andrew, Member
Li Guojun, Member
Ong Perng Fey, Member
Teo Tiong Yong, Member
Zhou Yingxin, Member

Membership

At the end of December 2013, the SRMEG had 68 Ordinary members, nine (9) Student members, seven (7) Corporation members, and two (2) Honorary members.

The two honorary members are: Prof ZHAO Jian, Ecole Polytechnique Fédérale de Lausanne (EPFL) & Dr SHI Gen-hua, the DDA Company, USA

The seven corporate members are:

Asia Tunnelling & Construction Pte Ltd
Bekaert Singapore Pte Ltd
Kajima Corporation
Knights Synergy (S) Pte Ltd
Monolithic Pte Ltd
SK E&C (Singapore Branch)
Tritech Consultants Pte Ltd

Short Courses and Seminars

In 2013, the Society organised the following main short courses and workshops.

Geological Investigations Short Course, 30-31 January 2013

This two-day short course was organised by Society for Rock Mechanics & Engineering Geology in collaboration with the Graz University of Technology, Austria. The course dealt with rock

engineering problems for underground structures. Prof. Wulf Schubert and Prof. Kurt Klima conducted the course at the Nanyang Technological University. It was attended by 33 participants.

Safe and Efficient Blasting (SEB) Course for Underground Tunnelling and Applications, 7-8 March 2013

This two-day short course was organised by SRMEG with the support of Housing and Development Board, Singapore. The objective of this course was to provide participants with a greater understanding of the requirements of drilling and blasting in an underground environment. It was held at the HDB Centre of Building Research and conducted by 4 speakers from Orica Singapore – Mr. Martin Adam, Mr. Ajay Chaplot, Mr. Nathaniel Labuson and Mr. Rohan Stevens; and Mr. Willie San Pedro from Asia Tunnelling & Construction Pte Ltd. The total attendance was 50.

Workshop on Engineering Geology, 28 May 2013

This one-day workshop was organised by SRMEG with the support of the Geotechnical Society of Singapore, and developed as a follow-up to our popular Workshop on Singapore Geology held in 2010, 2011 & 2012. It was held at NUSS Kent Ridge Guild House. The speakers were Dr. Zhou Yingxin and Dr. Cai Jun Gang. It was attended by 31 participants.

Seminars

The following is a list of the seminars co-organised by NCUS (Nanyang Centre for Underground Space, NTU) and SRMEG:

- NCUS-SRMEG Short Course on The Universal Distinct Element Code (UDEC) version 5 and its application to the analysis of various problems in rock mechanics by Prof. Carlos Carranza-Torres (University of Minnesota Duluth), 24-25 July 2013.
- NCUS-SRMEG Seminar on Realistic Failure Process Analysis by Prof. Chun'an Tang (Center for Rock Instability and Seismicity Research, Dalian University of Technology) on 21 October 2013.
- NCUS-SRMEG Seminar on Hydro-mechanically Coupled Processes in Rainfall-induced Landslide Modelling by Prof. Lyesse Laloui (Ecole Polytechnique Fédérale de Lausanne, EPFL) on 2 December 2013.

ISRM Activities

Our committee member, Dr. Zhou Yingxin, who is the Vice President for Asia in the International Society for Rock Mechanics (ISRM), attended the 2nd Indonesian National Geomechanics Workshop and Seminar held in Bandung, Indonesia (August 2013), and the ISRM Council Meeting 2013 and EUROCK 2013 held in Wroclaw, Poland (September 2013).

Dr He Lei (NTU) attended Eurock 2013, where he received the first runner-up prize for ISRM Rocha Medal for his work based on his PhD thesis "Three dimensional numerical manifold method and rock engineering applications".

IAEG Activities

Our Honorary Secretary, Prof. Louis Wong, represented SRMEG at the International Symposium & 9th Asian Regional Conference of IAEG and the 2013 Council Meeting held in Beijing, China (September 2013).

Concluding Remarks

Space is one of the key constraints against Singapore's drive towards an effective economic and social development. There is now a national push on the creation of usable space, including underground space. I hope our society can continue to play an active role in promoting technical and professional development in the area of deep underground space development.

Looking forward, our society would like to work more closely with other relevant organisations both locally and internationally, so to bring maximum benefit to our members. In January 2014, SRMEG organised the Seminar on Eurocode 7 with support from BCA and GeoSS, and co-organised a one-day workshop on Tunnelling and Underground Space Use with the Norwegian Tunnelling Society. We also organised SRMEG's first Networking Night, attended by our members, as well as representatives from TUCSS, Geoss, MGS, SSSS, and LTA.

I would like to take this opportunity to thank all the committee members for their hard work and all individual and corporate members for their continuous support and contribution.

I wish all of you a prosperous year 2014, and a productive year for our community of rock mechanics and engineering geology.

Zhao Zhiye, President
On Behalf of the SRMEG Committee