

Minutes for 11th ISSMGE TC304 Meeting 5 December 2013 (ISGSR 2013)

Date: 5 December 2013

Time: 17:30 – 18:40 (Hong Kong local time), 5 December 2013

Venue: Room 3574, HKUST

(This minutes was drafted by Yu Wang and reviewed by Jianye Ching)

Present:

Jianye Ching (acting chair), Yu Wang (acting secretary), Ken Ho, Dianqing Li, Farrokh Nadim, Hongwei Huang, Jie Zhang, Jinsong Huang, Limin Zhang, Martin van Staveren, Paul Cools, Shin-ichi Nishimura, Timo Schweckendiek, Vaughan Griffiths, Lulu Zhang, Ryan Yan, Daniel Straub, Armin Stuedlein, Yusuke Honjo, Sam Paikowsky, T. Hara, Dongmei Zhang, Zijun Cao

1. Welcome and introduction

On behalf of KK, Jianye Ching convened the meeting at 17:30.

Members and guests introduced themselves.

Yu Wang served as the acting secretary for recording the minutes.

Jianye Ching thanked Limin Zhang for organizing the ISGSR2014.

2. Confirmation of minutes (10th ISSMGE TC304 minutes, 4 Sep 2013)

Minutes of the 10th meeting were confirmed.

Jianye Ching asked all members to check with their country societies on their member status in TC304.

All are welcome to be corresponding members.

3. Updates and matters arising from previous meeting

3.1. Updates on past and ongoing activities

- Jianye Ching reported that Annex D of ISO2394 has been voted and passed, and shall be released next year. A monograph is currently planned to supplement the Annex D (edited by KK).
- Jianye Ching reported on the progress on the CRC Book “Risk and Reliability in Geotechnical Engineering”: This book serves as an update for the 2008 book “Reliability-based Design in Geotechnical Engineering: Computations & Applications” (edited by KK & Jianye). 14 chapters were confirmed.

TF2: Compilation of guidelines and other technical resources (Vaughan Griffiths)

Vaughan Griffiths reported that he and Gordon Fenton have been compiled a database on TC304 Guidelines, Information, and Technical Resources. All members were invited to send email to them for including additional materials.

- Updated TC304 Guidelines, Information, and Technical Resources (ver 7)
http://140.112.12.21/issmge/TC304_refs_v7.html
- TC304 Glossary
<http://140.112.12.21/issmge/Chinese.%20Spanish.%20German.%20French.%20Persian.%20and%20Japanese%20terms%20for%20geotechnical%20risk%20and%20reliability.pdf>

Recent contributors:

Persian: Ali Nourzad

Japanese: Shin-ichi Nishimura & Makoto Suzuki

Korean: Hyunki Kim (in progress)

Greek: Dimitrios Zekkos (in progress)

Portuguese: Laura Caldera (in progress)

TF3: Coordination with broader risk community (Martin van Staveren)

Martin reported that the TF3 international state of the art report was successfully completed. The report was submitted to Jianye Ching during the meeting and will be available to free download from TC304 website.

- TC304-TF3 International State of the Art Report on Integration of GeoRM and ProjectRM is finalized on 1 December 2013, will be presented during ISGSR2013 in Hong Kong and is by then ready for worldwide distribution;
- Currently, the Dutch guide on implementing geotechnical risk management is in the process of translation into English. Planned to be ready in December 2013 or January 2014. The target is to realize free dissipation of the e-book version of the guide.
- Currently, all Dutch results of the GeoImpuls Programme for reducing geotechnical failure are in the process of translation in English by the US Army Corps of Engineers. The target is to realize as much as possible free dissipation of these translated results.
- The Executive Board of the European Federation of Foundation Contractors (EFFC) agreed to support publication / dissipation the TC304-TF3 International State of the Art Report to Clients, Consultants, Federations in the European construction industry, because of the relevance of the topic. A detailed plan has to be drafted for defining the appropriate actions for which the TC304-TF3 members will be consulted.
- In addition, all TC304-TF3 members will be consulted in November – December 2013 for next step actions for further coordination of GeoRM with the broader risk community
- Preparation for ISGSR2015 in the Netherlands have been started, to be decided upon during ISGSR2013 in Hong Kong. During ISGSR 2015 there can be close cooperation with the Dutch National RISNET network for developing and applying ProjectRM in the construction industry.

TF5: Conference coordination (Ken Ho)

- Technical Session "Role of Probabilistic Methods in Geotechnical Sustainability" in ASCE GeoCongress 2014, Feb 23-26 2014, Atlanta, USA (Stuedlein, Rodriguez-Marek, Zhang, and Griffiths): 9 papers (6 oral and 3 posters)
- Mini-symposium "Modelling Spatial Variability in Geotechnical Engineering" in the 14th International Conference of the International Association for Computer Methods and Advances in Geomechanics (14 IACMAG), Sep 22-25 2014, Kyoto, Japan (Jinsong & Vaughan)

<http://www.14iacmag.org/>

The submission deadline of abstract is December 31 2013.

Shin-ichi Nishimura will help with this MS.

- Special session on “Soil Variability in Engineering Applications” in the European Geosciences Union General Assembly 2014 (EGU 2014) , April 27-May 2 2014, Vienna, Austria (G Vessia, W Pula, KK Phoon, J Pieczynska)
The submission of abstract/s is now open, up to 16 January 2014.
<http://www.egu2014.eu/home.html>
- TC304 Special session in the International Symposium on Reliability Engineering and Risk Management (ISRERM 2014), May 20-24, 2014, Taipei, Taiwan (Jieru Chen & Wen-Chao Huang)
<http://www.isrerm2014.ntust.edu.tw/index.html>
The submission deadline of abstract is Dec 31 2013.
- Mini-symposium on “Geotechnical Risk, Uncertainty & Decision Making” in the 2nd International Conference on Vulnerability and Risk Analysis and Management (ICVRAM) and the 6th International Symposium on Uncertainty Modeling and Analysis (ISUMA), July 13-16 2014, Liverpool, UK (Jianye Ching & Yu Wang), 16 full papers received.
Mini-symposium on “Monte Carlo Methods and Engineering Applications” (Yu Wang, Z Cao & Ivan Au), 9 full papers received.
Mini Symposium on “Risk Assessment and Management of Infrastructure Projects” (Hongwei Huang & Martin van Staveren)
<http://www.icvram2014.org/>

4. Future activities in 2014

- Martin reported that a short course on “Geotechnical Risk Management” will be held on Dec 9, 2013, in Taipei, taught by Martin.
- Vaughan Griffiths reported that a short course on “Risk Assessment in Geotechnical Engineering” will be held during Feb 23-26 2014, ASCE GeoCongress 2014, Atlanta, USA, taught by Vaughan Griffiths and Gordon Fenton.
<http://content.asce.org/conferences/geo-congress2014/index.html>
- Call for participation from the 16th European Conference on Soil Mechanics and Geotechnical Engineering (XVI ECSMGE 2015), Sep 13-17 2015, Edinburg, UK.
<http://xvi-ecsmge-2015.org.uk/>. Jianye Ching will further discuss with KK on the special session.
- Hongwei Huang reported that the 3rd China National symposium on Engineering Risk and Insurance, Three Georges University, Yichang, Hubei Province. Maybe a TC304 special session will be organized.
- Shin-ichi Nishimura reported that a TC304 special session in the 15th ISSMGE Asian Regional Conference (15 ARC), 2015, Kyushu, Japan, will be organized, with a possibility of being jointly organized by TC304 and TC205.
- Paul Cools reported that, it has been decided that ISGSR 2015 will be held during 13-16 October 2015, in Rotterdam, the Netherlands.

The meeting adjourns at 18:40



From left to right:
Timo Schweckendiek, Yu Wang, Shin-ichi Nishimura, Martin van Staveren, Hongwei Huang,
Jianye Ching, Farrokh Nadim, Jinsong Huang, T. Hara, Yusuke Honjo, Ryan Yan, Dianqing Li,
Jie Zhang, Paul Cools, Limin Zhang, Dongmei Zhang, Daniel Straub, Lulu Zhang
(Photo by Zijun Cao)