

## **Minutes for 7<sup>th</sup> ISSMGE TC304 Meeting 24 May 2012 (APSSRA 2012)**

**Date:** 24 May 2012  
**Time:** 4PM – 5 PM  
**Venue:** VIP Room, Level 3, Hotel Furama Riverfront, Singapore  
**Attendees:** Kok-Kwang Phoon (Chair), Jianye Ching, Anthony Goh, Hongwei Huang, Bak Kong Low, Shin-ichi Nishimura, Yu Wang, Limin Zhang  
**Guests:** Robert Gilbert, Yusuke Honjo, Jinsong Huang, Hyunki Kim, Gil Lim Yoon, Jie Zhang, Lulu Zhang

### **1. Introduction**

The meeting started at 4:05PM. Members and guests introduced themselves.

### **2. Confirmation of minutes (6<sup>th</sup> ISSMGE TC304 minutes, 5-9 March 2012)**

The minutes of March 2012 email meeting were confirmed. KK Phoon mentioned that this email meeting was well received and it is a good complement to physical meetings because all members can participate in an email meeting. KK Phoon said that more email meetings would be held in the future.

For the benefit of guests and members, KK Phoon briefly reviewed the goals of the various TC304 task forces.

### **3. Updates and matters arising from previous meeting**

- ISO2394 Annex D (KK Phoon)

KK Phoon briefly introduced ISO2394 “General principles on reliability of structures” which was first published in 1998. This international standard is currently undergoing revision. The secretariat of the ISO 2394 revision committee is comprised of Johan Retief, Nishijima Kazuyoshi and Michael Havbro Faber (chair). KK Phoon was invited to prepare a draft of Annex D “Reliability of geotechnical structures”.

The working group for Annex D includes TC304 members: KK Phoon, Jianye Ching, Yu Wang, Limin Zhang, Timo Schweckendiek and other non-TC304 members: Johan Retief and Mahongo Dithinde.

A draft has been circulated to TC304 members for comments and it is currently under consideration by the ISO 2394 revision committee.

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

KK Phoon updated progress of TF2 on behalf of Vaughan. Vaughan & Gordon has led the development of a list of references “TC304 Guidelines, Information, and Technical Resources”, which is currently available at:

[http://140.112.12.21/issmge/TC304\\_refs\\_v4.html](http://140.112.12.21/issmge/TC304_refs_v4.html)

KK Phoon mentioned that Vaughan welcomed submission of more entries to this list. BK Low mentioned that it would be useful to compile references providing practical guidelines on soil statistics such as typical coefficients of variation, scales of fluctuations and also practical guidelines for determining these statistics based on test results. KK Phoon requested BK Low to submit these useful references to Vaughan directly.

- TF4: Communication/dissemination (Jianye Ching)

- Geoworld website

Jianye mentioned that a TC304 page has been established in Geoworld: <http://www.mygeoworld.info/pg/groups/948/engineering-practice-of-risk-assessment-and-management-tc304/> The main operational difference between the official TC304 webpage and Geoworld-TC304 is that anyone can post information or photographs in Geoworld directly without going through a webmaster. Hence, Geoworld which functions like a Facebook page is more interactive and it is meant to be a bottom-up initiative with contributions from all members (not restricted to official TC304 members).

- Liaison with TC205

Jianye Ching said an ETC10 example with a proposed reliability solution has been submitted to Brian Simpson and Trevor Orr for consideration and discussion. The purpose of this initiative is to share with TC205 on best practice for reliability analysis and to illustrate the benefits/limitations of reliability analysis using a concrete design example that is already familiar to TC205 because Eurocode 7 design solutions have been worked out for all ETC10 examples. Jianye would continue to stay in touch with Brian and Trevor on this TC304-TC205 initiative. Yu Wang and Yusuke Honjo mentioned that they can contribute reliability solutions to more ETC10 examples.

- TF5: Conference coordination (Ken Ho)

KK Phoon mentioned that 3 big events were held last year: Georisk 2011 in Atlanta, 3ISGSR in Munich, and ICASP11 in Zurich. Hence, no events are held this year. KK Phoon invited Hongwei Huang and Limin Zhang to present upcoming events:

- (Oct 18-20, 2012, Beijing, China) The 2nd National Symposium on Engineering Risk & Insurance Research: <http://www.erib-2nd.com>

Hongwei Huang is the symposium chair. He mentioned that he will be organizing a special session for TC304. He welcomed participation from TC304 members. KK Phoon encouraged TC304 members to contact Hongwei Huang for more details.

- Limin Zhang mentioned that a Wilson Tang Memorial Symposium will be held in Hong Kong in Dec 2012. This symposium consists of 10 invited lectures.
- Limin Zhang mentioned that he has been appointed as the chair of 4ISGSR, which is scheduled to be held in Hong Kong next year. Yu Wang is part of the organizing committee. The symposium dates and first flyer will be released shortly.

- TF6: Software (Lars Olsson)

KK Phoon updated TF6 on behalf of Lars Olsson. Lars has developed a simple web form for submission of information on useful software tools related to risk. <https://sites.google.com/site/tc304rms/>

Lars would like to invite members to participate in TF6 by submitting entries to this software directory.

#### 4. Other business

- Jie Zhang mentioned that some former students of Professor Wilson Tang including himself are working on a ASCE Geotechnical Special Publication (GSP) in his honour. The theme of the GSP is still under discussion. KK Phoon mentioned that he is currently editing a similar GSP in honour of Professor Fred Kulhawy and he could provide advice on this GSP project.
- KK Phoon mentioned that a useful glossary of risk terms was developed by the past TC304 led by Farrokh Nadim. This glossary has been expanded and translated to both simplified and traditional Chinese through the hard work of an ad-hoc working group consisting of Jianye Ching, Hongwei Huang, Hsein Juang, Dianqing Li, Yu Wang, Jie Zhang, and Limin Zhang. KK Phoon thanked the working group for their efforts. The glossary is currently in the process of being translated to Spanish. The Spanish working group consists of Rafael Jimenez and Zenon Medina-Cetina.
- The meeting adjourned at 5:10PM.



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Back row (left to right): Hyunki Kim, Robert Gilbert, Bak Kong Low, Gil Lim Yoon, Jinsong Huang, Shin-ichi Nishimura, Yu Wang, Anthony Goh, Limin Zhang, Lulu Zhang

Front row (left to right): Jianye Ching, Kok-Kwang Phoon, Hongwei Huang, Yusuke Honjo