

**ISSMGE TC304  
ENGINEERING PRACTICE OF RISK ASSESSMENT AND MANAGEMENT  
MINUTES OF 3<sup>RD</sup> TC304 MEETING  
HELD ON**

Friday, June 3, 2011

10:45 – 11:40 am

R700, Oskar von Miller Forum, TU München, Munich, Germany

Present:

Kok-Kwang Phoon (chair), Jianye Ching (secretary), Paul Cools, Leena Korkiala-Tantt, Nick Sartan, Bernd Schuppener, Timo Schweckendiek, Limin Zhang

Guests:

Kevin Foye ([kfoye@cticompanies.com](mailto:kfoye@cticompanies.com)), Maximilian Huber ([maximilian.huber@igs.uni-stuttgart.de](mailto:maximilian.huber@igs.uni-stuttgart.de)), Axel Moellmann ([esslingen@dr-spang.de](mailto:esslingen@dr-spang.de)), Brian Simpson ([Brian.Simpson@arup.com](mailto:Brian.Simpson@arup.com)), Jianfeng Xue ([jianfeng.xue@monash.edu](mailto:jianfeng.xue@monash.edu))

**1. Welcome and introduction**

KK convened the meeting at 1045 am. Members and guests introduced themselves.

**2. Confirmation of minutes (3<sup>rd</sup> ISSMGE TC304 minutes, dated 25 May 2011)**

KK mentioned that the minutes for 3<sup>rd</sup> TC304 meeting has been emailed to members.

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

KK shortly introduced TC304, including the website, the executive members, and the six task forces (TFs). He highlighted that ISSMGE rules only permit 2 members to be nominated by each country society. He encouraged countries with no representation in TC304 to nominate members to join TC304. Those who are unable to join because of the 2-member quota can join as corresponding members to stay in touch with TC304 activities.

He also mentioned there are three TC304 meetings this year in three conferences, including 14ARC in Hong Kong (May 25 2011), 3<sup>rd</sup> ISGSR in Germany (June 3 2011), and Georisk 2011 in USA (June 26 2011).

Lars (TF6) cannot attend the meeting, but he updated his progress in a document attached in an email, see Annex A.

KK opined that raising awareness of the existence of TC304 and its activities is critical given that the majority of ISSMGE members are not involved in TC activities. He mentioned that the unifying theme of the task forces is to reach out to practitioners with the primary aim in mind to lower the learning barrier for adoption of useful risk assessment and management techniques in practice. Examples would include a list of short courses (TF1), a list of useful references (TF2), and a list of softwares (TF6).

He encouraged members to actively submit information to the task force leaders for compilation and he emphasized that non-English resources can be listed as well, because they will be of interest to non-English speaking communities.

Matters arising from the 14ARC meeting would be discussed in item 4 below.

#### **4. Future activities**

Paul mentioned that he has a list of relevant short courses that directed at practitioners. KK asked Paul to send the list of short courses to Jianye. Jianye will post the information on the TC304 website. KK reminded Jianye to update the list of short courses conducted thus far this year, including the one conducted by him during 3ISGSR.

Nick mentioned it is essential to broadcast the activities carried out by TC304 to practicing engineers. He also indicated that holding several similar conferences (e.g. ISGSR and Georisk) together in the same year may dilute the participation from engineering community. TC304 should coordinate the conference dates to avoid such conflicts. KK replied that he has received this feedback from other members and ideally such a situation should indeed be avoided. He noted that holding ISGSR and Georisk within less than one month apart is an unusual coincidence that is unlikely to be repeated in the future. Georisk is not a regular conference. The last Geo-Institute specialty conference on this topic was Uncertainty 1996, which was held more than 15 years ago. KK further opined that a task force led by Ken Ho (TF5) is in charge of conference coordination, but there is a limit to what TF5 can do because some conferences such as Georisk are not affiliated to ISSMGE.

KK mentioned that Ken Ho proposed in the 14ARC meeting that TC304 can organize its own workshop, inviting experts to write state-of-the-art reports and papers. Attending members are generally receptive to such a proposal. KK mentioned that no one volunteered in the 14ARC meeting to organize this workshop. He asked if anyone would be interested to organize this workshop.

KK mentioned the possibility of presenting design examples (e.g. ETC10 examples) in such a workshop. Bernd agreed that promoting the ETC10 examples outside TC205 would benefit practicing engineers worldwide. Rather than holding a workshop, Brian mentioned that TC205 prefers to hold phone meetings rather than physical meetings. However, he also noted that it was necessary for him to hold the same meeting twice to cater for the differences in time zones. Leena mentioned that Skype and group conferencing over internet are available. Nick said he would prefer internet meetings as well.

Axel and Leena mentioned they are interested to provide solutions on the ETC10 examples. KK mentioned that Jianye will email the examples to the entire TC304 members, including the corresponding members. Members can send their solutions to Jianye for posting. KK felt that providing solutions to ETC10 examples is one specific activity that is fully in line with the mission of TC304 and at the same time could be carried out without physical meetings. He said he would raise this up at the Georisk meeting in Atlanta as well to encourage participation.

Brian mentioned that the following workshop in Athens:

Date: 11 September 2011, 2:00-3:30 pm

Workshop title: Limit state design, Eurocode 7 and numerical methods

Hosting committees: ETC7 & TC205

Brian mentioned the design calculations and design codes only form one aspect of risk management. ETC10 examples are focused on design calculations. Research on risk management beyond design calculations would be important. Bernd noted that risk registers are being studied with the aim in mind of implementing them in design codes.

Paul would like to know if templates are being prepared to standardize the submission of information to various task forces. KK replied that Lars is preparing a template for submission of information on softwares.

KK mentioned that he would like to encourage collaborations with other ISSMGE TCs. Paul suggested that TC304 collaborates with TC302 (Forensic Geotechnical Engineering) as there are overlapping interests.

## 5. Any other business

KK reminded members present that TC304 will meet again in Georisk, Atlanta, 26 June 2011. The meeting adjourned at 1140 am.

