

# Minutes of 45th ISSMGE TC304 Meeting (online)

**Date:** 10/12/2024

**Time:** 09:00 – 10:30 BST

**Location:** Teams Link emailed

## 1. Announcements

- a. Timo Schweckendiek introduced changes to the Eurocode pertaining to geotechnical reliability and a guideline report titled “Reliability based verification of limit states for geotechnical structures”.
- b. Marco Uzielli announced the “Third Workshop on the Future of Machine Learning in Geotechnics”; Oct 15-17 2025, Florence, Italy. Abstract submission in January, deadline April, call for technical sessions open.
- c. KK Phoon has a new TC relevant Elsevier journal “Geodata and AI”; submissions welcome.
- d. The TC Short Course on reliability was delivered at ECSMGE XVIII, Lisbon, and was well received.

## 2. Approval of the 44th TC304 meeting minutes (online meeting)

Minutes approved.

## 3. Michael Hicks gave an update on the TC304 working group on recommendations and guidance on “Homogenisation of ground properties”

Contact Timo Schweckendiek if interested in joining, at [Timo.Schweckendiek@deltares.nl](mailto:Timo.Schweckendiek@deltares.nl)

## 4. Zhongqiang Liu gave an update on ISGSR 2025 preparations.

They have received 380 abstract submissions; draft manuscripts due by December 31<sup>st</sup>. Venue has been moved from OsloMet to Radisson Blu Scandinavia Hotel to accommodate larger numbers. There will be two short courses, Gordon Fenton and Timo Schweckendiek will give one of the courses on behalf of TC304. Symposium dates: August 25<sup>th</sup> – 28<sup>th</sup>. There are associated special issues in Georisk, Geomechanics and Geoengineering, and Computers and Geotechnics (by invitation). Registration is now open.

## 5. TC304 pre-symposium short course to be delivered by Gordon Fenton and Timo Schweckendiek at ISGSR 2025 in Oslo on “Reliability-Based Geotechnical Design”.

## 6. Cormac Reale reported on the TC304 4th online forum which was held on November 26<sup>th</sup> on “Quantitative Risk Assessment of Geohazards” . A recording of the event can be found here: [The 4th TC304 Georisk Forum \(part 1\)](#) . Talks were given by Jinsong Huang, Xin Liu, Liang Gao, Zhongqiang Liu, Michael Hicks and Jie Zhang.

## 7. Discussion on proposal for a TC304 Symposium/Workshop (Michael Hicks)

An in-person TC304 Symposium/Workshop is being considered. The aim would be to provide a forum for TC304 members (and others) to meet and exchange research experiences and ideas, as well as to stimulate and facilitate focus (e.g. working) group activities. This would be over a 2-day period, with the first symposium/workshop being in 2026.

Iason recommended avoiding clashing with FOMLIG dates. Suggestions included trying to hold it before or after the ISSMGE event in Vienna, and considering a venue outside Europe.

**8. TC304 Record of Activity**

Please send any activities of note to Cormac Reale at [cr760@bath.ac.uk](mailto:cr760@bath.ac.uk)

**9. Any Other Business**

**10. Next Meeting**