Full Term 2022-2026 Report
(submitted online on April 27, 2026)

Text for ISSMGE intranet web page

1. Are you satisfied with the Terms of Reference of your TC on the ISSMGE website? *

Yes - Please provide details

They clearly and concisely express the objectives of the TC and they are up to date.

2. Is your list of members satisfactory? *

Yes - Please provide details

TC306 grew from 45 members at the beginning of 2022 to 63 (nominated & corresponding) members today. TC306 is always in the lookout for potential active members, in particular from the industry (currently four members).

3. Do you have an Honour Lecture? If yes, where and when was it last delivered? *

Yes - Please provide details

The last John Burland Honour Lecture, which is the 3rd, was delivered on 2 July 2025 at GEE 2025, which took place in Nancy, France, July 2-4. All three lectures are available though the website of TC306.

TC306 proposed in 2016 the John Burland Honour Lecture, by then chair Waldemar Hachich, which was approved by the ISSMGE Board for an initial period of 12 years. This honour lecture is delivered at the conferences Geotechnical Engineering Education (GEE) organized by TC306 every four years.

Within 2026 TC306 will submit a request to the ISSMGE Board for an extension of the approval.

4. Did you select Bright Spark lecturers during your TC conferences? If yes, please list the awardees and the corresponding conferences. *

No - Why?

As also noted in previous reports, the concept of the Bright Spark lecturer is not appropriate for TC306, because typically early-career researchers cannot afford to devote time to education initiatives (due to the well-known reward systems at universities).

However, TC306 has taken steps to create its own award, the Geo-Education Knowledge Bridge Award: The TC306 Prize for Young Members to develop small-scale educational material with input from respected senior colleagues. As a first pilot application, the award was announced only within TC306 in January 2026. It was awarded in March 2026 and the outcome is due at the end of 2026. Based on the experience with the first pilot, and after discussing with the Young Member Presidential Group,

the award may be kept internal to TC306 for another year before it becomes available to all the ISSMGE young members.

5. Did you hold TC administrative meetings during the period (either in person or online)? If yes, please provide details (dates, participation, etc.). *

Yes - Please provide details

TC306 normally has two online meetings per year, in January and in June. Initially (in 2022 and 2023), the meetings were hybrid: a week-long period for members to send emails, followed by the online meeting one day after the end of the email meeting period. Participation in the email part of the meetings was low, so since 2024 meetings are only online. The details of the meetings during the 2022-2026 period are as follows:

2022 (hybrid): email meeting during June 23-29 (3 participants), online meeting June 30 (13 participants)

2023 (hybrid): email meeting during June 22-28 (1 participant), online meeting June 29 (12 participants)

2024 (online): January 26 (17 participants), June 27 (21 participants)

ECSMGE 2024, Lisbon, Portugal (in person): August 28 (9 participants-TC306 members + 2 guests)

2025 (online): January 25 (13 participants)

GEE 2025, Nancy, France (in person): July 3 (15 participants + 6 guests, 3 which later became members)

2026 (online): January 22 (24 participants)

6. Do you plan to organise a TC administrative meeting during the Vienna ICSMGE? *

No - Why?

No TC306 officer will attend the 21st ICSMGE.

7. Do you plan to organise a TC workshop during the Vienna ICSMGE? *

No - Why?

No TC306 officer will attend the 21st ICSMGE.

8. How many papers related to your TC topic did you manage for the Vienna ICSMGE? *

Ten papers, two of which were not on education topics.

9. Did you organise any other events (including conferences, workshops, short courses, etc.) during the period? If yes, please provide details (date, location, participation, etc.). *

Yes - Please provide details

TC306 organized the 6th conference on Geotechnical Engineering Education, GEE 2025, in Nancy, France, July 2-4, 2025, which was chaired by Prof. Farimah Masrouri. Thanks to a successful proposal submitted by TC306 to the ISSMGE Board, GEE 2025 opened with a keynote lecture by renowned engineering education researcher Prof. Jennifer Case. The lecture by Prof. Case was summarized in an article submitted to the ISSMGE bulletin, together with an informational article on the GEE 2025.

TC306 organized a panel discussion on education during UNSAT 2023 (TC106's conference), with panelists Sandra Houston, John McCartney and Alessandro Tarantino. The topic was: "Unsaturated Soil Mechanics instruction: Guiding the non-specialist instructor" and the discussion was moderated by Marina Pantazidou.

10. Were the proceedings of your events published, and are they available in open access? *

Yes - Please provide details

The Scopus-listed proceedings of GEE 2025 are available in open access as i) individual papers in the ISSMGE online library (https://www.issmge.org/publications/online-library?database=3&conference=134) and ii) single volume proceedings in TC306's Zenodo community (doi:10.5281/zenodo.18927794).

11. Did you assign any tasks to TC members or task force groups? If yes, what outputs were produced? *

Yes - Please provide details

TC306 is cultivating collaborations with other TCs, which result in publications of papers, as mentioned in item 14. In particular, TC306 established a joint TC306-TC103 task force, with the purpose to deliver educational material for introductory geotechnical engineering courses.

12. Did you produce any deliverables (e.g., state-of-the-art report, state-of-practice report, guidelines, etc.)? *

Yes - Please provide details

TC306 member Katia Bicalho edited a special issue (Vol. 47, No. 2) of the Journal Soils and Rocks on Geo-Education. The issue includes 13 papers, 1 technical note and 1 case study. Four TC306 members contributed articles to the special issue. In their paper "What kinds of educational material are useful for and desired by university instructors? The case of Geotechnical Engineering", Marina Pantazidou

and Michele Calvello discuss the educational materials needed by geotechnical engineering instructors.

13. Did your TC contribute any articles to the ISSMGE Bulletin during the period? *

Yes - Please provide details

As already mentioned in item 9, two articles were submitted to the ISSMGE bulletin. The two articles were submitted on 12 December 2025 and they are scheduled to appear in the March 2026 issue.

14. Did you have any interactions with other TCs? If yes, which TCs and what type of interaction? *

Yes - Please provide details

Due to its "horizontal" nature, TC306 continuously seeks close interactions with other TCs, specifically with TC103 (numerical modeling), TC106 (unsaturated soils) and more recently TC214 (soft soils).

The collaboration with TC103 resulted in the formation of the joint TC306-TC103, a priority theme session in GEE 2025 with several papers and an invited talk & paper by Francesca Ceccato.

The collaboration with TC106 resulted in the panel discussion (mentioned in item 9), a paper presented at the ECSMGE 2024 in Lisbon, a priority theme session in GEE 2025 with several papers and an invited talk & paper by Alessandro Tarantino. There exist plans for an ongoing collaboration with a dedicated task force on education within TC106.

The organizers of the Soft Soils 2026 conference solicited TC306 for a paper on education. This contact has produced a paper by Emil Kislev and Marina Pantazidou that will be presented in Soft Soils 2026 in August, potentially establishing another ongoing collaboration.

15. Did you nominate TC representatives to the ISSMGE Case Histories Journal and the new ISSMGE Research Journal? If yes, please provide names. *

Yes - Please provide details

ISSMGE Case Histories Journal representative: David Airey

New ISSMGE Journal representatives (on Education papers): Alberto Ledesma, Marina Pantazidou

16. Did you complete or schedule an IITT related to your TC? *

Yes - Please provide details

The TC306 Interactive Technical Talk was recorded on May 21, 2024. The speakers included three TC306 members (Marina Pantazidou, Charles MacRobert and Emil Kinslev) and a young-ISSMGE-member

appointee, Dr Ezra Tjung, who later became a TC306 member! The presentations of the four IITT speakers, with full reference lists, were made available together with the IITT video, as a good practice that will hopefully become the ISSMGE norm.

17. Did your TC attend the TC Chairs–TOC meetings? If yes, which ones? *

Yes - Please provide details

Marina Pantazidou attended the TOC meetings on 28 February 2023, 5 March 2024 and 12 December 2024.

Michele Calvello attended the TOC meeting on 30 October 2025.

18. What is the nature of your contribution to the Time Capsule Project? *

The Time Capsule report submitted by TC306 sets as a suitable start of the systematic study of Geotechnical Engineering Education the Nash Lecture (and accompanying paper) delivered by Prof. John Burland in 1987. It then goes back in time to review the beginnings of teaching geotechnical engineering (mainly in the national appendices) and then goes on to highlight some key activities and initiatives for building a Geotechnical Engineering Education community that can sustain the systematic study of Geotechnical Engineering Education.

TC306 member Charles MacRobert is very actively engaged in the current phase of the time capsule project.

19. What future activities are being considered? *

The following new initiatives are being considered:

- online panel discussions on debated soil mechanics and geotechnical concepts

- specialty lessons where more than one educator tackles a specific geotechnical topic, concept, formula or parameter

- collection of analogies, metaphors or portable hands-on experiments used by geotechnical engineering educators

20. Do you have any further comments?