

AGS Sydney Symposium 2026

Call for Abstracts

Friday 13 November 2026

Australian National Maritime Museum
2 Murray Street, Sydney NSW



**AUSTRALIAN
GEOMECHANICS
SOCIETY**

Geotechnical Forensics: Lessons from Instability, Investigation and Insight

The symposium will explore lessons learnt from geotechnical instability, near-misses, and complex project experiences across excavation, underground works, and foundation systems. Through case histories and investigative insights, it will examine how unexpected ground behaviour, groundwater influences, soil–structure interaction, and the interpretation of site data and monitoring can shape project performance.

The event will highlight how early warning signs are recognised, how observational methods inform decision-making, and how technical judgement, risk management, and clear communication with non-geotechnical stakeholders contribute to better project outcomes and improved professional practice.

The organising committee welcomes submissions of papers covering all aspects of geomechanics and geotechnical engineering from both practitioners and researchers.

The symposium presents an opportunity for professional engineers, researchers, specialist contractors, regulators, educators and students to meet and share their knowledge and experiences in geotechnical engineering.

SUGGESTED TOPICS

The following are some suggested topics for this symposium:

- Case histories of geotechnical instability and near-misses
- Unexpected ground behaviour and project lessons
- Early warning signs of instability and their recognition
- Forensic interpretation of site data and investigation approaches
- Excavation, shoring and temporary works failures
- Misinterpretation of soil and rock behaviour in practice
- Basement construction and groundwater management lessons
- Ground movements and subsidence associated with tunneling and underground works
- Impacts on neighbouring assets and infrastructure
- Instrumentation, monitoring, and observational methods
- Soil-structure interaction in instability cases
- Risk management and communicating uncertainty to non-geotechnical stakeholders
- The influence of groundwater on stability and performance

Diversity in ideas and experiences is valued, contributing to the richness of the community. Should the work fall outside the specified topics, submission is still encouraged. Unique perspectives and insights are vital to the vibrant exchange of knowledge within the field.

Abstract submissions must be made through the website before Friday 15 May 2026, 11:59PM

📅 SYMPOSIUM DATE & TIME
Friday 13 November 2026
8:00 am - 6:00 pm

📍 LOCATION
Australian National
Maritime Museum
2 Murray St, Sydney NSW

🕒 ABSTRACT SUBMISSIONS DUE
Friday 15 May, 11:59PM

🕒 FULL PAPERS DUE
Tuesday 30 June, 11:59PM

🔗 SUBMISSION LINK
geomechanics.org.au/syd/

