

Hazard, Risk and Reliability in Geotechnical Practice

(55th Rankine Lecture)



Dr Suzanne Lacasse

*Technical Director at the Norwegian
Geotechnical Institute (NGI)*



Date: *25 July 2024*

Time: *5:30 – 7:30 pm*

Venue: *Treasury Casino and Hotel Brisbane*

Register at: [HERE](#)

Queensland Tailings Group



Dr Suzanne Lacasse is Canadian and lives in Norway. She is Technical Director at the Norwegian Geotechnical Institute (NGI). She was Managing Director of NGI from 1991 to 2011. Dr Lacasse first focused her work on laboratory techniques, in-situ investigation methods and soil behaviour modelling studies. She then worked on foundation engineering and design, slope stability and the development of calculation procedures for offshore structures. She concentrated on combining mathematical and numerical analyses with practical geotechnical engineering design methods. She then developed and applied probability, reliability and risk concepts to assist in foundation design and decision-making. She gave invited keynote lectures in over 30 countries, and she is author or co-author of 300 papers. She gave ASCE's 37th Terzaghi Lecture on Offshore Geotechnics (2001) and ISSMGE's 8th Terzaghi Oration on Slope Stability (2013). Dr Lacasse received many awards, including PhDs Honoris Causa from the University of Dundee and from the Norwegian University of Science and Technology. She was elected Foreign Member of the US National Academy of Engineers (2001) for "enlightened direction of NGI and advancements in foundation engineering for offshore structures". She received the Legget Award of the Canadian Geotechnical Society and the first Effective Teaching Award in Civil Engineering at MIT. She is member of the Royal Society of Canada, the Canadian Academy of Engineers, l'Académie des Sciences Technologies (France), and the Academy of Engineering and Sciences and the Academy of Sciences and Letters in Norway. She is Honorary Professor at Zhejiang University in China.

5:30 – 6:00 pm	Welcome Drinks and Networking
6:00 – 7:00 pm	Suzanne's Presentation
7:00 – 7:30 pm	Q&A, Drinks and Networking

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