

Date: 20 February 2025

Time: 5:30 – 8:00 pm

Venue: UQBC, 308 Queen Street Brisbane QLD 4000



Hybrid
Event

Credible Failure Modes: Considerations for Assessment and Application



Angela G. Küpper

*Ph.D., P.Eng.(AB, BC, NTNU), FEIC
Director, Principal Geotechnical
Engineer at BGC Engineering*

Angela Küpper, Ph.D., P.Eng., F.E.I.C., has over 40 years of experience with earthfill dams, including tailings and water retention dams, across the Americas, Africa, and Asia. She has served as a designer, EoR, expert consultant, and independent reviewer in the mining industry.

In the past 20 years, Angela has been an independent reviewer for large dams and tailings facilities and contributed to the Canadian Dam Safety Guidelines and the Global Industry Standard on Tailings Management (GISTM). She has been recognised as a Distinguished Lecturer and was inducted as a Fellow of the Engineering Institute of Canada in 2021 for her exceptional contributions to engineering.

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The GISTM requires minimising risk for all credible failure modes throughout a TSF’s lifecycle. Proper identification and management of these failure modes are crucial for developing robust risk management systems and maintaining the safety and reliability of tailings and mine waste facilities.

Event Program

5:30-6:00 pm	Welcome Drinks and Networking
6:00-7:00 pm	Dr Angela G. Küpper Presentation
7:00-8:00 pm	Q&A, Drinks and Networking

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