NEW ZEALAND
Society on Large Dams

Sponsored by DAMSAFETY intelligence

NZSOLD SYMPOSIUM 2026 PROGRAMME

DAY 2: Managing Legacy Risk- Turning Insight into Action

Time	Morning	
9.00 AM 9.15 AM	Day 2 Welcome ***Dewi Knappstein,** Tonkin & Taylor*	Room: Batten Room
9.15 AM 9.20 AM	Day 2 Sponsor ***Dan Forster,** Dam Safety Intelligence*	
9.20 AM 10.05 AM	Keynote Presentation Ten Tenets of Legacy Risk Reduction: Resilience through Prioritisation ***Chris Topham,** GHD*	
10.05 AM 10.35 AM	**Morning Tea**	
10.35 AM 11.45 AM	**Concurrent session 2a: Risk-Informed Decision-Making** Room: Batten Room	**Concurrent session 2b: Broader considerations for legacy risk - governance, contractual, and infrastructure** Room: Rutherford Room
10.35 AM 10.55 AM	New South Wales Risk Assessment Process - a tool for managing legacy risk in NZ? ***Joanna Petheram,** Beca*	Maintenance Matters. Reducing Legacy Risk by Selecting the Right Consulting, Maintenance, and Operational Measures ***Steve O'Dea,** Anderson Lloyd*
11.00 AM 11.20 AM	Managing Legacy Spillway Gate Risk: A System-Level Functional Safety Approach to Prioritising Safety Upgrades ***Chris Bonner,** Mercury*	Legacy Infrastructure and Compliance: Navigating Building Consent Requirements ***Danielle Hooper,** Waikato Regional Council*
11.25 AM 11.45 AM	Seeing the Whole Picture: From Legacy Risk to a Prioritised Plan ***Peter Fox,** Meridian*	Towards a Unified Language for Risk: From Description to Breach, and into the Dam Safety Management System ***Miguel Rocha,** Dam Safety Intelligence*
11.45 AM 1.00 PM	**Lunch**	

Time	Afternoon	
1.00 PM 2.35 PM	**Concurrent session 3a: Rehabilitation and upgrade projects** Room: Batten Room	**Concurrent session 3b: Compliance with the Building (Dam Safety) Regulations 2022 for legacy assets** Room: Rutherford Room
1.00 PM 1.20 PM	Karapiro Dam Intake Gate Replacement - Go to Whoa ***Joselito Villena & Bede Geoghegan,** Mercury*	Inherited Risk, Deliberate Action: Lessons from Managing a Legacy Dam Portfolio at Scale ***Kevin Ng, Xavier Bradley,** Tonkin & Taylor* ***Jessan Revalde,** Auckland Council*
1.25 PM 1.45 PM	Evaluation of Jet Grouting Trials for Pre-treating Erodible Sediments at Arapuni Dam: ***Etaoin Friel,** Damwatch Engineering,* ***Tom Newson,** Mercury*	Speed, Rigour and Scale: Implementing and Managing Dam Safety Programmes Across a Diverse Portfolio of Dams at Tiaki Wai ***Alexi Duque,** Tiaki Wai, **Tung Hoang,** Tonkin & Taylor*
1.50 PM 2.10 PM	Understanding and Managing Legacy Risk for a Resilient Future ***Kurt Davies,** Engineering Geology*	Implementing the Building (Dam Safety) Regulations 2022: Dual Perspectives from Practice and Ownership ***Rebecca Polvere,** Damwatch Engineering &* ***Brendan Sheehan,** Mt Arum Engineering*
2.15 PM 2.35 PM	Managing Legacy Risk in an Ageing Dam Appurtenant Structure ***Sanath Gunasena***	Beyond Compliance: How Gisborne District Council are Managing Legacy Risk Through the Dam Safety Regulatory Journey for the Mangapoike Dams ***Rebecca Polvere,** Damwatch Engineering &* ***Judith Robertson,** Gisborne District Council*
2.35 PM 3.05 PM	**Afternoon Tea**	
3.05 PM 3.25 PM	Large Scale Laboratory Testing of Cobb Dam materials. Reducing Uncertainties in the Performance Assessment of a 75-year-old Dam ***Don Tate,** Riley Consultants & **Kaley Crawford Flett***	Room: Batten Room
3.25 PM 3.45 PM	Managing Legacy Risk through People: Growing the Pipeline of Capability for our Future ***Katy Cottingham,** Dam Safety Intelligence*	
3.45 PM 4.30 PM	Panel discussion: Building the next generation of dam engineers Facilitator: ***Katy Cottingham,** Dam Safety Intelligence*	
4.30 PM 4.45 PM	**Reflection, summary of the day, and closing**	
4.45 PM 6.00 PM	**Network - drinks and nibbles**	