



TAILINGS DAM OPERATORS FORUM 2025

TOWNSVILLE
QUEENSLAND
21-23 OCTOBER

Thank you to our Platinum Partner



RYDGES - 23 Palmer St, South Townsville

TUESDAY 21 OCTOBER (ADD ON TSF TRAINING)

TSF OPERATION AND SURVEILLANCE TRAINING



7:30	8:30	Registration	Rydges, Townsville
8:30	13:00	TSF Operation and Surveillance Training	Derrick McKenzie Tailcon Director
13:00	14:00	Lunch	
14:00	17:00	TSF Training Tour – Ross River Dam	Derrick McKenzie Tailcon Director
17:30	19:30	Debrief and Networking Drinks	Bridgewater Q

WEDNESDAY 22 OCTOBER (FORUM DAY 1)

7:30	8:30	Registration	Rydges, Townsville
8:30	8:37	Welcome to Tailings 2025 Acknowledgement to Country	Kate Brand <i>Forum</i> <i>Convenor</i>
8:37	8:45	ANCOLD Executive Welcome	Sam Banzi Banzi Consulting Services
8:45	8:55	Ice Breaker Activity	Jack Moorhead BHP

TOPIC 1: EVOLUTION OF THE OPERATOR'S ROLE IN TAILINGS MANAGEMENT: OBSERVED CHANGES AND LOOKING FORWARD

Chair: Jack Moorehead BHP



8:55	9:20	KEYNOTE Experience over the past 20 years and how the role has changed	Tim Bell Evolution, North Parks NSW
9:20	10:00	PANEL DISCUSSION How has the role of operations changed in tailings management, and what could it look like in the future?	Jack Moorhead BHP

10:00 10:30 MORNING REFRESHMENTS

10:30 10:40 Platinum Sponsor Talk



TOPIC 2: 101 DAM STABILITY AND PERFORMANCE

Chair: Ina Prinsloo South 32



10:40	11:10	KEYNOTE 101 of Dam Stability Concepts - critical information for a site operations team	Derrick McKenzie Tailcon, WA
11:10	11:25	Presentation 1.1 Operational changes that can introduce stability risks	Anjan Kundu GHD, QLD



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11:25	11:40	Presentation 1.2 Improving Tailings Dam Monitoring with GNSS-IoT Sensors: Ensuring Accuracy, Consistency, Availability, Latency, and Reliability	Mark Wallace Kurloo, QLD
11:40	11:55	Presentation 1.3 A Ground Improvement Approach to Tailings Dam Safety and Stability Solutions	Tierney Boulter Menard, QLD
11:55	12:05	Group Q&A	Ina Prinsloo South 32
12:05	13:05	LUNCH	 
TOPIC 3: TAILINGS DAM MONITORING - MONITORING METHODS FOR KEY FAILURE MODES, TOOLS AND THE CHALLENGES IN IMPLEMENTING Chair: Naren Ramachandran Glencore			
13:05	13:20	Re-focus activity – Failure modes vs monitoring	Naren Ramachandran Glencore, Mt Isa
13:20	13:35	Presentation 2.1 Dam Inspections – Tying observations to failure modes and design intent, and what could be missed?	Danielle O'Toole SLR Consulting, Townsville
13:35	13:50	Presentation 2.2 New approaches to monitoring and how it is changing inspections	Jack Moorhead BHP, QLD
13:50	14:05	Presentation 2.3 From Data to Action: Establishing Trigger Levels for Tailings Dams	Hugo Brandao Klohn Crippen Berger, QLD
14:05	14:15	Group Q&A	
14:15	15:00	GROUP ACTIVITY: WICKED PROBLEM A roundtable brainstorming exercise to discuss monitoring challenges. What has and hasn't worked, and how badly has it failed?	Nick Thomas-Kinsella GHD
15:00	15:10	Scenario wrap-up	
15:10	15:40	AFTERNOON REFRESHMENTS	
TOPIC 4: TARPS – FROM TRIGGER TO RESPONSE: CASE STUDY AND WORKSHOP ACTIVITIES Chair: Kate Brand			
15:40	15:55	Presentation 3.1 Critical control management in a world of different standards	Charles Rose REE, WA
15:55	16:10	Presentation 3.2 Recent Experiences in developing and reviewing TARPs for Tailings Dams	John Van Der Merwe IMBR- Mines Rescue NSW
16:10	17:10	KEYNOTE Taking the learnings from the morning and sharing how these can be applied in practice, working through real-world problems, and considering the barriers to activating TARPs	Stu Henderson Rio Tinto, Qld
17:10	17:20	Group Feedback	Kate Brand
17:20	17:25	SITE VIST – WHAT TO EXPECT	
17:25	17:30	FORUM WRAP-UP	Kate Brand <i>Forum Convenor</i>
18:30	22:30	FORUM DINNER A Touch of Salt	 



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THURSDAY 23 OCTOBER (FORUM DAY 2)

07:00 Tailings Forum Geological Discovery Tour – Group 1



08:30 Tailings Forum Geological Discovery Tour – Group 2

12:15 13:45 Lunch at Peppers - Magnetic Island

13:00 13:45 Keynote address

John Eckersley

15:00 Return to Rydges Townsville Group 1 (option to extend stay on Magnetic Island)

16:15 Return to Rydges Townsville Group 2

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