

Sunday - 24 August 2025

11:30 AM - 12:00 PM	Registration and light lunch	
12:00 PM - 12:05 PM	Welcome and Opening - Hamish McLauchlan, NZ Branch Chair	
	Plenary 1: Environment / Water	Chair: Paul Weber
12:05 PM - 12:20 PM	Pragmatic groundwater management at mine sites: a case study from Snowy River Mine	Ryan Burgess - Hydro Geochem Group Ltd
12:20 PM - 12:35 PM	From predictions to reality: unveiling the hydrological and water quality impacts of mineral sand mining	Zeb Etheridge - Komanawa Solutions Ltd
12:35 PM - 12:50 PM	Responding to increased climate risk	Jim Griffiths - Hydro Geochem Group Ltd
12:50 PM - 01:05 PM	Fractured aquifers under stress: assessing sinkhole impacts through regional groundwater modeling	Rodrigo Zamorano - Sephira Environmental Ltd
01:05 PM - 01:20 PM	The special challenges of water disappearing underground	Jens Rekker - Komanawa Solutions Ltd
01:20 PM - 01:35 PM	Quarry Backfill – How much contamination is too much?	Helen Mongillo - Sephira Environmental Ltd
01:35 PM - 01:50 PM	Alternatives to water quality defaults for managing ecological recovery	Duncan Gray - Instream Consulting
01:50 PM - 02:00 PM	Short Break	
	Plenary 2: Geochemistry	Chair: Ryan Burgess
02:00 PM - 02:15 PM	Snowy River Mine geochemistry studies	Simone Hoodhills - Mine Waste Management Ltd
02:15 PM - 02:20 PM	Precision in prediction: The role of Manganese Carbonates in modelling AMD	Alex Blair* - University of Canterbury
02:20 PM - 02:35 PM	Water quality modelling of backfilled pits	Leonardo Navarro-Valdivia – Mine Waste Management Ltd
02:35 PM - 02:40 PM	Overburden weathering trials; Stockton Coal Mine (20 Year of Data)	Monique Weber* - Student representing Bathurst
02:40 PM - 02:55 PM	Passive treatment in New Zealand - an overview of how far we have come in the field	Dave Trumm - Verum Group
02:55 PM - 03:25 PM	Afternoon Tea	
	Plenary 3: Geology / Exploration	Chair: Leroy Crawford-Flett
03:25 PM - 03:40 PM	Pluton Map characterisation for intrusion-related mineral exploration	Mark Rattenbury - Earth Sciences Institute
03:40 PM - 03:50 PM	Geological occurrence and characterisation of mineral fibers in New Zealand soils	Satendra Kumar* - University of Auckland
03:50 PM - 04:05 PM	Zircon trace element indicators for porphyry-style deposit fertility of New Zealand plutons	Matt Sagar - New Zealand Institute For Earth Science
04:05 PM - 04:10 PM	High-resolution techniques for assessing pounamu quality	Natalia Seliutina* - University of Otago
04:10 PM - 04:20 PM	Insights into the hard rock sources of alluvial monazite and xenotime placer mineralisation within the Paparoa Ranges provided by Sm-Nd, Rb-Sr and U-Pb isotopes	Marshall Palmer* - University of Otago and Hardie Pacific
04:20 PM - 04:25 PM	Mount Horrible decoded: new perspectives from geological mapping	Ashleigh Prichard* - University of Otago
04:25 PM - 04:40 PM	Rua Gold presents update on the Reefton gold-antimony prospects West Coast, NZ	Jamie Cudby - Reefton Gold Ltd
04:40 PM - 04:45 PM	Gold along the faulted Reefton Group – Greenland Group contact, Crushington, Reefton, NZ	Sike Li* - University of Otago
04:45 PM - 05:00 PM	Rua Gold presents an update on the Glamorgan Epithermal gold prospect Hauraki, NZ	Soenke Stern - Reefton Gold Ltd
05:00 PM - 05:05 PM	Research project - heavy minerals from Taieri River Mouth	Kate Wignell* - University of Otago
05:05 PM - 05:20 PM	Project update Otagold - UVRE (Otagold a NZ subsidiary of UVRE)	Peter Zitnan - Otagold Ltd
06:00 pm - 10:00 pm	Welcome Function (including dinner) (Exhibition Area)	Sponsored by Terra Cat 

* Student presentations

Monday - 25 August 2025

08:00 AM - 08:20 AM	Powhiri (Welcome)	
08:20 AM - 08:30 AM	Chris Carr FAusIMM(CP), AusIMM President and Hamish McLauchlan FAusIMM, NZ Branch Chair	Welcome and opening address.
Plenary 4: Geology Tech		Chair: Ayrton Hamilton
08:30 AM - 08:45 AM	Enhancing exploration opportunities: development of GNS Science's new critical minerals website and web map Atlas Resources.	Matthew Hill - Earth Sciences New Zealand
08:45 AM - 09:00 AM	Hardie Pacific Group - Projects overview	Tom Ritchie - Hardie Pacific
09:00 AM - 09:15 AM	Visible Geology - training the next generation in geology	Aaron Dutton - Seequent
09:15 AM - 09:30 AM	The M1 Pit extension at Maramarua Mine: geology, structure, and development	Mohamed Hassan - BT Mining
09:30 AM - 09:45 AM	Profiling rock hardness to enhance mining efficiency: Equotip 550-D testing of exploration drill core at Macraes Gold Mine	Campbell Ryland - OceanaGold Corporation
09:45 AM - 10:00 AM	Beyond the inferred classification in seabed nodule deposit estimation: Establishing the short-range variability	Sean Aldrich - RSC Consulting Limited
10:00 AM - 10:15 AM	How cloud based modelling solutions empower mining businesses to thrive amidst increasing deposit complexity	Henry Dillon - Maptek Pty Ltd
10:15 AM - 10:45 AM	Morning Tea (Exhibition Area)	
Plenary 5: Mining / Metallurgy		Chair: Paul Weber
10:45 AM - 11:00 AM	Maximising Machinery Performance: The Power of Fluid Analysis	Laura Hendry - Terra Cat
11:00 AM - 11:15 AM	Developing new clean metallurgical processes for the production of DRI and vanadium from NZ ironsand	Morgan Lowther - Robinson Research Institute
11:15 AM - 11:30 AM	Snowy River: Concept to development: A return to the golden days	Marius Phillips - Pitch Black Group
11:30 AM - 11:45 AM	Ericsson and Newmont: 5G and the safer, smarter mine	Ian Ross - Ericsson Enterprise Wireless Solutions
11:45 AM - 12:00 PM	Recruitment of Mining Engineers to drive the future of mining and resource development in New Zealand	Inali Kurumbi - OceanaGold Corporation
12:00 PM - 12:15 PM	Extractive metallurgy of NZ mineral ores	Chris Bumbly - Robinson Research Institute
12:15 PM - 01:15 PM	Lunch (Exhibition Area)	
Plenary 6: Health and Safety Workshop		Chair: Paul Miles
01:15 PM - 01:30 PM	From reactive to resilience: Early insights from establishing a critical risk management system	Karen Belousoff - Belousoff Consulting
01:30 PM - 01:45 PM	Developing a best-in-class contractor management program with the emergence of leading indicators and SIFs	Chris Barto - ISN
01:45 PM - 02:00 PM	An update from WorkSafe	Dave Bellett - Deputy Chief Inspector, WorkSafe
02:00 PM - 02:15 PM	Hydraulic hose test program	Richard Hay - Hydraulink
02:15 PM - 02:30 PM	Lessons learnt from staging large scale underground emergency exercises	Paul Miles- Santana Minerals Ltd
02:30 PM - 03:00 PM	Afternoon Tea (Exhibition Area)	
Workshop 7: Geotechnical		Chair: Luke Matheson
03:00 PM - 03:15 PM	Portal and decline numerical model verification at Poboya River Reef, Indonesia	Alex Phillips - MineGeotech Pty Ltd
03:15 PM - 03:30 PM	Stress strain regime changes around the Mt Willian fault and its implications for highwall stability	Ben Hyde - Bathurst Resources Limited
03:30 PM - 03:45 PM	An innovative approach to ground support application at Mt Messenger	Scott Turton - Normet
03:45 PM - 04:00 PM	Open pit slope stability	Luke Matheson - Pattle Delamore Partners
04:00 PM - 04:15 PM	Automation of monitoring sensors	Paul Burton - Geotechnics / Cirro
04:15 PM - 04:30 PM	Beyond safety factors: A dual approach to slope stability assessment	Jason Grieve - Pattle Delamore Partners
04:30 PM - 04:45 PM	Mine Closure in New Zealand	Marcel Smith - Tonkin + Taylor
04:45 PM - 05:30 PM	AusIMM NZ General Meeting	
06:00 PM - 07:00 PM	Pre Dinner Drinks (Exhibition Area)	
07:00 PM - 10:00 PM	Annual Conference Dinner	Sponsored by Sandvik  SANDVIK

Tuesday - 26 August 2025

08:25 AM - 08:30 AM	Kick off Day 2 - Hamish McLauchlan	
Plenary 8: Policy		Chair: Kit Wilson
08:30 AM - 08:45 AM	ESG Capability - Who needs it?	Narelle Wolfe - AusIMM
08:45 AM - 09:00 AM	MBIE Resource Markets 2025 update	Katherine MacNeill - New Zealand Petroleum and Minerals
09:00 AM - 09:30 AM	Ministers Address	Hon Shane Jones - Resources Minister
09:30 AM - 09:45 AM	Fast Track learning 1 year on	Kit Wilson (on behalf of Alison Paul) - OceanaGold NZ
09:45 AM - 10:00 AM	Offsetting and compensation – opportunities for future generations through mining projects	Joshua Leckie - Lane Neave Lawyers
10:00 AM - 10:30 AM	RMA Reform	Simon Court MP Parliamentary Under-Secretary to the Minister Responsible for RMA Reform
10:30 AM - 11:00 AM	Morning Tea (Exhibition Area)	
Plenary 9: Corporate updates		Chair: Hamish McLauchlan
11:00 AM - 11:15 AM	OceanaGold update	James Isles - OceanaGold Macraes Operation
11:15 AM - 11:30 AM	New Zealand minerals growth strategy update	Ray Mudgway - WMS
11:30 AM - 11:45 AM	Bathurst update	Richard Tacon - Bathurst Resources Ltd
11:45 AM - 12:00 PM	Santana Minerals update	Damian Spring - Santana Minerals Ltd
12:00 PM - 12:15 PM	TTR Taranaki VTM Project - In the Fast Track	Alan E Eggers - TTR Global Limited
12:15 PM - 12:30 PM	Federation update	Simon Delander - Federation Mining
12:30 PM - 01:30 PM	Lunch (Exhibition Area)	
Plenary 10: Environmental		Chair: Bridget Johnson
01:30 PM - 01:45 PM	Beyond the Black Gold - unlocking New Zealand's economic potential using the scientific method	Peter Gunn - Coal Marketing International Limited
01:45 PM - 02:00 PM	ANZECC 2000: a silver anniversary	Dr Mike Fitzpatrick - ecoLogical Solutions Ltd
02:00 PM - 02:15 PM	Risk based approach to revegetation of challenging post mine landforms	Dr Bridget Johnson - Okane Consultants
02:15 PM - 02:30 PM	Environmental data management that works for you	Nerena Rhodes and Petra Wedlake - Pattle Delamore Partners
02:30 PM - 02:45 PM	Beyond Compliance: Integrating environmental awareness into responsible mining operations at Stockton Mine	Hilary Cameron - BT Mining
02:45 PM - 03:00 PM	Managing effects of sand mining on birds at Barrytown	Dr Gary Bramley - ecoLogical Solutions Ltd
03:00 PM - 03:15 PM	Recent developments in understanding and assessing the adverse effects, mitigation and monitoring of dust.	Jeff Bluett - Pattle Delamore Partners
03:15 PM - 03:30 PM	Diversion of the Mangakotukutuku Stream - Post diversion update	Shanae Talbot - Bathurst Resources
03:30 PM - 05:30 PM	Closing Drinks (The Club Bar)	



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