
Event Agenda

Tailings and Mine Waste 2025

Saturday, November 01, 2025

8:00 AM - 5:00 PM

Stability and Deformation Modelling for Tailings Storage Facilities

Sunday, November 02, 2025

8:00 AM - 5:00 PM

TMW 2025 Short Courses - Additional registration and payment required

Developing Effective Closure Success Criteria for Tailings Facilities: A Hands-on Workshop

8:00 AM - 5:00 PM

Performance-Based Design: Practical Applications in Tailings Storage Facility Design

8:00 AM - 5:00 PM

Tailings Dams Engineer of Record – Terms of Reference Development and Use

8:00 AM - 5:00 PM

The Role of Water Quality in the Pursuit of Responsible TSF Closure

8:00 AM - 12:00 PM

GISTM Safe Closure: Engaging in Dialogue on Realities and Misconceptions

8:00 AM - 12:00 PM

Everything you Wanted to Know About Geotechnical, Tailings, and Reclamation Review Boards

8:00 AM - 12:00 PM

2nd Developing Mine Waste Professionals Symposium

1:00 PM - 5:00 PM

Rheology in Mining and Tailings Management: Challenges and Solutions

1:00 PM - 5:00 PM

Application of Large Deformation Modelling to Failure and Runout Analysis of Tailings Impoundments

1:00 PM - 5:00 PM

2:00 PM - 5:00 PM

TMW2025 - Early Registration

Location: Foyer

6:00 PM - 9:00 PM

Ice Breaker Reception (Ticketed Event)

Location: Cascade Ballroom/Conservatory

Monday, November 03, 2025

7:00 AM - 5:00 PM

Registration Hours

Location: Fairmont Convention Center Foyer

7:00 AM - 8:00 AM

Continental Breakfast

Location: Fairmont Convention Center Foyer & Exhibition Hall (Van Horne B/C)

8:00 AM - 5:30 PM

Tradeshow Hours

Location: Exhibition Hall (Van Horne B/C)

8:00 AM - 5:30 PM

Poster Session Hours

Location: DC Coleman
Poster Presenter: Florencia Spinazzola, Akhter Hossain, Henrique Guerzoni, Abigail Paul, Jed Greenwood, Scott Friedenstab, Vinicius Domingues, Thomas Pennington, Amir Hossein Zamani, Nicolas Alscher, Raymond Xu, Katherine deLaveaga Price, Diego Penate, Dmitri Bohach, Marcos Lemos, Gustavo Zago, João Paulo Tavares, Hillary Topps, Alex Rigby, Samia Anjum, Deanna Hersey, Bernie Ting, Patrick Mwamba, Paula Martins, Rafael Boaventura, Michael Etezad, Mahmoud Nasser Hussien Ahmed, Maryam Saaly, Aaron Sangha, Dave Willms, Hongwei Liu, Isabelle Demers, Cameron McKee, Jared Wattus, Marcus Gunnteg, Hongyu Li, Andres Reyes, Yashay Narainsamy, Hamza Abdel-Aziz, Andrew James, Taryn Bittner, Jennifer Durocher, Ruben Viljoen, Marie Tardif-Drolet, Vitor Lages, Alvaro Gutierrez, Mauricio Pinheiro, Ivan Ndlovu, Miro Doring, Kimi Rengifo, Rheannan Burke, Gerrie Le Roux, Robert Harrington, Basem Halawa, Jamie Yuen, Bianca Mendes de Lacerda, Marielle Limoges, Kambiz Tahzibi, Lucas Vidal, Caroline Alexon, Sergio Capellao, Kevin Schraden, Katie Burkell, Randal Osicki, Greta Tresoldi, Rod Eddies, Anthony Burnett, Jj Taute, Michael Davis, Marcelo Llano, Veronique Nell

8:00 AM - 8:10 AM

Welcome & Introductions

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy

8:10 AM - 8:15 AM

Sponsor Address by ConeTec - Patron Sponsr

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy
Speaker: Dallas McGowan

8:15 AM - 9:25 AM

Keynote Address: Beyond GISTM – The Next Era in Safe Tailings Facilities

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy
Speaker: Scott Martens

9:25 AM - 9:30 AM

Sponsor Address by Geosyntec

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy

9:30 AM - 10:00 AM

Coffee Break

Location: Fairmont Convention Center Foyer & Exhibition Hall (Van Horne B/C)

10:00 AM - 11:40 AM

Technical Session 1.1A - Application of GISTM 1

Location: Van Horne A
Session Chair: Jennifer Brash ; Moderator: Andrea Sedgwick, Lucas Vidal

Three Practical Examples of Success Using Quantitative Risk Assessments of Tailings Storage Facilities

10:00 AM - 10:20 AM
Location: Van Horne A
Speaker: James Alcorn

Post-Closure Upgrade of the Christmas Mine Site Tailings Impoundments

10:20 AM - 10:40 AM
Location: Van Horne A
Speaker: Clint Strachan

The Critical Role of TARPS in Tailings Management: Best Practices and Insights from Chilean Experiences

10:40 AM - 11:00 AM
Location: Van Horne A
Speaker: Bruno Espinace

Continuous Improvements to the Tailings Emergency Preparedness and Response Plan for the Highland Valley Copper Mine

11:00 AM - 11:20 AM
Location: Van Horne A
Speaker: Aida Carneiro

The Role of the Responsible Tailings Facility Engineer (RTFE): Balancing Technical Oversight, Business Needs, and Operational Realities

11:20 AM - 11:40 AM
Location: Van Horne A
Speaker: Calvin Wang

10:00 AM - 11:40 AM

Technical Session 1.1B - Analysis & Design 1

Location: Theatre

Session Chair: Michelle Theron ; Moderator: Diego Penate, Prabin Acharya

Exploration of a Risk Basis for the Setting of Stability Design Criteria for Tailings Storage Facilities

10:00 AM - 10:20 AM

Location: Theatre

Speaker: Jarrad Coffey

Mobility in High-End Waste Dumps

10:20 AM - 10:40 AM

Location: Theatre

Speaker: Marco Arrieta

Hybrid Tailings Management—Trade-Off Study for Co-Disposal of Tailings and Mine Waste at Sossego Mine

10:40 AM - 11:00 AM

Location: Theatre

Speaker: Rafael Santos

A Risk-Based Approach to LOM Tailing Storage Facility Planning through Simulation Modelling

11:00 AM - 11:20 AM

Location: Theatre

Speaker: Sam Rivet

Wide Waste Rock Dumps as Tailings Embankments—A Case Study from the Pilbara Region

11:20 AM - 11:40 AM

Location: Theatre

Speaker: Andrew Lim

10:00 AM - 11:40 AM

Technical Session 1.1C - Mine Water Management

Location: Baron Shaughnessy

Session Chair: Heather Kaminsky ; Moderator: Ekansh Agarwal, Luis Torres Cruz

Deep Drainage Walls and Cutoffs as Part of a Seepage Collection System in a Northern Chile TSF

10:00 AM - 10:20 AM

Location: Baron Shaughnessy

Speaker: Gustavo Pereira

Optimizing Tailings Management of Large TSFs with Implementation of Mechanical Consolidation and Dewatering

10:20 AM - 10:40 AM

Location: Baron Shaughnessy

Speaker: Oscar Santiago

An Adaptive Approach to Mine Tailings Storage Facility Seepage Collection Systems

10:40 AM - 11:00 AM

Location: Baron Shaughnessy

Speaker: James Fox

Simulating Tailings Desaturation in Hydraulic Dewatered Stacking Deposits

11:00 AM - 11:20 AM

Location: Baron Shaughnessy

Speaker: Marcos Arroyo

Integrating GISTM Guidelines in TSF Water Balance Models: Case Studies from the Pilbara, Australia

11:20 AM - 11:40 AM

Location: Baron Shaughnessy

Speaker: Helvecio De Aguiar Duarte Junior

11:40 AM - 1:00 PM

Lunch

Location: Fairmont Convention Center Foyer & Exhibition Hall (Van Horne B/C)

1:00 PM - 1:40 PM

Special Presentation by Aniseh Dadashi - Commingling Waste Rock and Tailings: Advancing the State-of-the-Art Practices in Mine Waste Management

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy

Speaker: Aniseh Dadashi ; Session Chair: Ward Wilson ; Moderator: Ying Zhang

1:45 PM - 2:45 PM

Technical Session 1.2A - Analysis & Design 2

Location: Van Horne A

Session Chair: Ying Zhang ; Moderator: Mahmoud Ahmed, Mikayla McKenna Pettit

Elicitation Framework to Support Expert Judgment in Tailings Storage Facility Risk Assessments

1:45 PM - 2:05 PM

Location: Van Horne A

Speaker: Scott Gover

Design, Construction, and Performance Review of a Filtered Tailings Stack in a Permafrost Region

2:05 PM - 2:25 PM

Location: Van Horne A

Speakers: Hongwei Xia, Justin Bieber

Adapting Design to Pre-sheared Glaciolacustrine Sediments Discovered during Tailings Dam Construction

2:25 PM - 2:45 PM

Location: Van Horne A

Speaker: Mike Belfry

1:45 PM - 2:45 PM

Technical Session 1.2B - Supportive Technologies

Location: Theatre

Session Chair: Ian McKechnie ; Moderator: Caroline Alexon, Chad LePoudre

Operational Challenges for the Transition of a Copper Underground Mine from Slurry Tailings to Filtered and Paste Tailings Technology

1:45 PM - 2:05 PM

Location: Theatre

Speaker: Humberto Preciado

Effects of Multiple Freeze-Thaw Cycles and Chemical Amendments on Dewatering of Fluid Fine Tailings

2:05 PM - 2:25 PM

Location: Theatre

Speaker: Arazoo Patel

Integrating Commingling into the Strategic Waste Rock Planning at Antamina Mine

2:25 PM - 2:45 PM

Location: Theatre

Speaker: Christa Quiroz

1:45 PM - 2:45 PM

Technical Session 1.2C - Geotechnical Issues 1

Location: Baron Shaughnessy

Session Chair: Randal Osicki ; Moderator: Dallas McGowan, Chen Jiarui

Effects of Electroosmotic Treatment on Strength and Compressibility Behaviour of an Ultra-fine Slurry

1:45 PM - 2:05 PM

Location: Baron Shaughnessy

Speaker: Nilan Jayasiri

Experimental Characterization of Creep and Unloading Responses of Nonplastic Mine Tailings

2:05 PM - 2:25 PM

Location: Baron Shaughnessy

Speaker: Ashley Woodward

Impact of Mineral Precipitation on Hydraulic Properties and Performance of Tailings Dams

2:25 PM - 2:45 PM

Location: Baron Shaughnessy

Speaker: Jennifer Durocher

2:45 PM - 3:15 PM

Coffee break

Location: Fairmont Convention Center Foyer & Exhibition Hall (Van Horne B/C)

3:15 PM - 4:55 PM

Technical Session 1.3A - Case Histories 1

Location: Van Horne A

Session Chair: Hayley Croteau ; Moderator: Prabin Acharya, Renato Macciotta Pulisci

Successful Implementation of Risk Assessment and Failure Modes to Inform Decision Making for an Operating Tailings Facility at Wesdome Gold Mine in Central Canada—A Case Study

3:15 PM - 3:35 PM

Location: Van Horne A

Speaker: Chaitan Sandhu

Reconstruction of an Acid-Generating Waste Rock Tailings Containment Dam Using Sheet Piles

3:35 PM - 3:55 PM

Location: Van Horne A

Speaker: Darrin Johnson

Case Study: Engineer of Record Transition Process at a Complex Site

3:55 PM - 4:15 PM

Location: Van Horne A

Speaker: Brad Tiver

Capturing the Near Misses Ahead of TSF Failures

4:15 PM - 4:35 PM

Location: Van Horne A

Speaker: Justin Willis

Design of an Overburden Waste Dump on a Liquefiable Tailings Storage Facility

4:35 PM - 4:55 PM

Location: Van Horne A

Speaker: Iain Gidley

3:15 PM - 4:55 PM

Technical Session 1.3B - Closure & Reclamation 1

Location: Theatre

Session Chair: Scott Laberge ; Moderator: Abigail Paul, Ayman Abusaid

Leveraging Deep Learning for Enhanced Land Cover Analysis in Mine Reclamation

3:15 PM - 3:35 PM

Location: Theatre

Speaker: Alex Harrison

Case Study: Closure Plan of a Niobium Tailings Dam in Minas Gerais, Brazil

3:35 PM - 3:55 PM

Location: Theatre

Speaker: Roberto Alvares

Coal Mountain Mine Waste Rock Dump Re-sloping Modelling and Execution

3:55 PM - 4:15 PM

Location: Theatre

Speaker: Alannah Gray Hubbard

Numerical Modelling of Settlement in an Oil Sands Tailings Pond with Vertical Strip Drains

4:15 PM - 4:35 PM

Location: Theatre

Speaker: Ying Zhang

The Role of the RDoR in Governance Strategies for Reclamation Projects

4:35 PM - 4:55 PM

Location: Theatre

Speaker: Leonardo Soares

3:15 PM - 4:55 PM

Technical Session 1.3C - Mine Waste Characterization 1

Location: Baron Shaughnessy
Session Chair: Mike Barish ; Moderator: Fangzhou Albert Liu, Amirhossein Mohammadi

Experimental Investigation of Mine Tailings Migration through Waste Rock in Co-disposal Structures

3:15 PM - 3:35 PM
Location: Baron Shaughnessy
Speaker: Florian Behlke

Assessment and Characterization of Mine Water Sludge for Storage Capacity Management at Britannia Mine

3:35 PM - 3:55 PM
Location: Baron Shaughnessy
Speaker: Gabriella Wahl

Evaluation of Soil Water Characteristic Curve Estimation Techniques for Clay-Rich Oil Sands Tailings

3:55 PM - 4:15 PM
Location: Baron Shaughnessy
Speaker: Tony Zheng

Comparison of Geotechnical Parameters and Strength of Untreated and Treated Mature Fine Tailings for the Design and Reclamation of Oil Sands Tailings Dams

4:15 PM - 4:35 PM
Location: Baron Shaughnessy
Speaker: David Barsi

Back-Analysis of the Geotechnical Stability of High Waste Rock Piles

4:35 PM - 4:55 PM
Location: Baron Shaughnessy
Speaker: Zahra Jalalichi

6:00 PM - 9:00 PM

Banquet Dinner (Ticketed Event)

Location: Alberta & New Brunswick Room

Tuesday, November 04, 2025

7:00 AM - 5:00 PM

Registration Hours

Location: Fairmont Convention Center Foyer

7:00 AM - 8:00 AM

Continental Breakfast

Location: Fairmont Convention Center Foyer & Exhibition Hall (Van Horne B/C)

8:00 AM - 6:30 PM

Tradeshow Hours

Location: Exhibition Hall (Van Horne B/C)

8:00 AM - 6:30 PM

Poster Session Hours

Location: DC Coleman

8:00 AM - 8:10 AM

Welcome & Introductions

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy

8:10 AM - 8:15 AM

Sponsor Address by WSP

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy
Speaker: Chris Hatton

8:15 AM - 9:25 AM

Keynote Address: Mind the Gap: Innovations in Geochemical Management of Tailings and Mine Waste

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy
Speakers: Heidi Cossey, Kristin Salzsauler

9:25 AM - 9:30 AM

Sponsor Address by SRK

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy

9:30 AM - 10:00 AM

Coffee break

Location: Fairmont Convention Center Foyer & Exhibition Hall (Van Horne B/C)

10:00 AM - 11:40 AM

Technical Session 2.1A - Case Histories 2

Location: Van Horne A

Session Chair: Chris Johns ; Moderator: Aniseh Dadashi, Mikayla McKenna Pettit

Case Study of Flowslides for Mine Waste Dumps from Mobilization to Runout

10:00 AM - 10:20 AM

Location: Van Horne A

Speaker: Joanna Chen

Successfully Reducing TSF Construction Costs: An Innovative Approach at the Gruyere Mine

10:20 AM - 10:40 AM

Location: Van Horne A

Speaker: Katie Schumacher

Jerritt Canyon Tailings Storage Facility 1 Closure Progress Case Study

10:40 AM - 11:00 AM

Location: Van Horne A

Speaker: Dave Wanner

Permafrost Encapsulation of Sulfidic Tailings—A Two-Decade Case History

11:00 AM - 11:20 AM

Location: Van Horne A

Speaker: Jim Cassie

Case Study—Design, Construction and Performance of Dykes at Gahcho Kué Diamond Mine, Northwest Territories

11:20 AM - 11:40 AM

Location: Van Horne A

Speaker: Tamara Quinteros

10:00 AM - 11:40 AM

Technical Session 2.1B - Surveillance & Monitoring 1

Location: Theatre

Session Chair: Renato Macciotta Pulisci ; Moderator: Chad LePoudre, Lucas Vidal

Normalization Approach for Pore Water Pressure Measurements in the Low Permeability Core of Embankment Tailings Dams

10:00 AM - 10:20 AM

Location: Theatre

Speaker: Kazem Razavi

Performance-Based Approach in Tailings Stacks: A Proactive Management Perspective

10:20 AM - 10:40 AM

Location: Theatre

Speaker: Sabrina Ferreira

Exploring the Limits of LoRaWAN Technology in the Mining Sector

10:40 AM - 11:00 AM

Location: Theatre

Speakers: Jeff Barrett, Kanyembo Katapa katapa

What Can Fibre Optics Tell Us About Tailings Dam Performance? New Insights from Distributed Acoustic Sensing

11:00 AM - 11:20 AM

Location: Theatre

Speaker: Susanne Ouellet

Integrated Performance Monitoring Program for an Extreme Consequence Tailings Dam

11:20 AM - 11:40 AM

Location: Theatre

Speaker: Chris Fortier

10:00 AM - 11:40 AM

Technical Session 2.1C - Environmental Challenges

Location: Baron Shaughnessy

Moderator: Andrea Sedgwick, Caroline Alexon ; Session Chair: Aaron Tomkins

Instrumented Column Testing for Modelling Water Retention Curves of Tailings Cover Systems under Wetting-Drying Cycles

10:00 AM - 10:20 AM

Location: Baron Shaughnessy

Speaker: Cristhian Rosales

The Effect of Biochar on Acid Generation and Cyclic Liquefaction of Oil Sand Tailings

10:20 AM - 10:40 AM

Location: Baron Shaughnessy

Speaker: Hamed Behzadipour

Probing the Internal Structure of a Tailings Storage Facility Using 3D Passive Seismic Imaging

10:40 AM - 11:00 AM

Location: Baron Shaughnessy

Speaker: Richard Gillies

Environmental Challenges throughout Closure and Post-Closure Phases

11:00 AM - 11:20 AM

Location: Baron Shaughnessy

Speaker: Rafael Boaventura

Effect of Iron Minerals on Methane Emissions and Reclamation of Oil Sands Tailings

11:20 AM - 11:40 AM

Location: Baron Shaughnessy

Speaker: Iram Afzal

11:40 AM - 1:00 PM

Lunch

Location: Fairmont Convention Center Foyer & Exhibition Hall (Van Horne B/C)

1:00 PM - 1:40 PM

Special Presentation by Michél Julien - Toward a More Integrated View of Performance for Mine Waste Management Projects

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy
Speaker: Michel Julien ; Session Chair: Ward Wilson ; Moderator: Arelys Sosa

1:45 PM - 2:45 PM

Technical Session 2.2A - Analysis & Design 3

Location: Van Horne A
Session Chair: Arelys Sosa ; Moderator: Amirhossein Mohammadi, Diego Penate

Seismic Slope Displacement and Pseudostatic Coefficient Procedures Validation for Tailings Dams

1:45 PM - 2:05 PM
Location: Van Horne A
Speaker: Jonathan Bray

Use of Machine Learning for Performance-Based Evaluations of a Waste Storage Facility

2:05 PM - 2:25 PM
Location: Van Horne A
Speaker: Emad Ghodrati

Optimizing Waste Rock Delivery for Dams Founded on Potentially Strain-Softening Soils

2:25 PM - 2:45 PM
Location: Van Horne A
Speaker: Greg Lewsley

1:45 PM - 2:45 PM

Technical Session 2.2B - Closure & Reclamation 2

Location: Theatre
Session Chair: Jay Griffin ; Moderator: Ekansh Agarwal

Design Considerations for Uranium Mine Waste Repositories in Arid Climates

1:45 PM - 2:05 PM
Location: Theatre
Speaker: Stephanie Regis

A Caution: Potential Increases in Liquefaction Risk Arising from the Slope Flattening of Upstream Constructed Tailings Dams

2:05 PM - 2:25 PM
Location: Theatre
Speaker: Mitchell Prince

Central Mine Remediation: Success Story of the Closure of Another Legacy Mine in Manitoba

2:25 PM - 2:45 PM
Location: Theatre
Speaker: Mohammad Ahmeduzzaman

1:45 PM - 2:45 PM

Technical Session 2.2C - Breach & Inundation Estimates

Location: Baron Shaughnessy
Session Chair: Fangzhou Albert Liu ; Moderator: Mahmoud Ahmed, Mikayla McKenna Pettit

Advancing Tailings Dam Breach Analyses: Understanding Gaps in Material Properties and Model Results

1:45 PM - 2:05 PM
Location: Baron Shaughnessy
Speaker: Bruno Oliveira Rodrigues

Back-Analysis of the 2015 Fundão Tailings Runout Using TUFLOW Software

2:05 PM - 2:25 PM
Location: Baron Shaughnessy
Speaker: Nathalia Machado

“Class A” Prediction of Runout from Two Large Flume Experiments on Hard Rock Tailings, One with a Dry-Wet Cycle

2:25 PM - 2:45 PM
Location: Baron Shaughnessy
Speaker: Paul Simms

2:45 PM - 3:15 PM

Coffee break

Location: Fairmont Convention Center Foyer

3:15 PM - 4:55 PM

Technical Session 2.3A - Application of GISTM 2

Location: Van Horne A

Moderator: Abigail Paul, Robyn Gaebel

A Hypothetical Tailings Dam Breach: A Two-Process Approach with Active Community Involvement

3:15 PM - 3:35 PM

Location: Van Horne A

Speakers: Jeffrey Grover, Kally Perry

The Evolving Expectations of Tailings Professionals

3:35 PM - 3:55 PM

Location: Van Horne A

Speakers: Jennifer Brash, Laura Orenge de Gaffory

How Bad is It? Historical TSF Failure Data and the Application of Tolerability Limit

3:55 PM - 4:15 PM

Location: Van Horne A

Speaker: Jarrad Coffey

Engagement Requirements and Opportunities in Conforming with GISTM

4:15 PM - 4:35 PM

Location: Van Horne A

Speaker: Janis Shandro

Insights into GISTM from the Brazilian Auditing Database Analyses

4:35 PM - 4:55 PM

Location: Van Horne A

Speaker: Edianir Bonatti

3:15 PM - 4:55 PM

Technical Session 2.3B - Analysis & Design 4

Location: Theatre

Session Chair: Calvin Boese ; Moderator: Chen Jiarui, Tony Zheng

Estimating Tailings-Dam FoS: A Comparison of Statistical Regression, Response-Surface, and Random-Forest Models

3:15 PM - 3:35 PM

Location: Theatre

Speaker: Sparsha Nagula

CANCELLED: Assessment of the Run-Out Distance of Filtered Dry Stacked Tailings Using the Material Point Method

3:35 PM - 3:55 PM

Location: Theatre

Speaker: Brahian Roman

Case Study: Assessing Construction-Induced Deformations in Tailings Storage Facility Embankments

3:55 PM - 4:15 PM

Location: Theatre

Speaker: Mrunmay Junagade

Shear Strength of a Loose Unsaturated Iron Ore Tailings Under Different Loading Conditions

4:15 PM - 4:35 PM

Location: Theatre

Speaker: Ana Telles

Drained Instability of the Fundão Sandy Tailings under Lateral Extrusion and Principal Stress Rotation

4:35 PM - 4:55 PM

Location: Theatre

Speaker: Antonio Souza

3:15 PM - 4:55 PM

Technical Session 2.3C - Site Investigations

Location: Baron Shaughnessy
Session Chair: Iman Entezari ; Moderator: David Barsi, Heather Kaminsky

Application of the Resistivity Cone to Characterize Frozen Layers and Saturation in Tailings
3:15 PM - 3:35 PM Location: Baron Shaughnessy Speaker: Luciano Souza
Accuracy of the State Inferred from the Been Method
3:35 PM - 3:55 PM Location: Baron Shaughnessy Speaker: Flippie Schoeman
Integration of Photonics Technology with Cone Penetration Testing: An Update
3:55 PM - 4:15 PM Location: Baron Shaughnessy Speaker: Joe Bindner
Assessment of Volumetric Water Content in Mine Tailings Using Nuclear Magnetic Resonance
4:15 PM - 4:35 PM Location: Baron Shaughnessy Speaker: Jorge Macedo
Updated CPT-Based Correlation for Estimating Shear Wave Velocity in Tailings
4:35 PM - 4:55 PM Location: Baron Shaughnessy Speaker: Camilo Morales

4:55 PM - 6:30 PM

Exhibition Happy Hour & Poster Session

Location: Exhibition Hall

Wednesday, November 05, 2025

7:00 AM - 5:00 PM

Registration Hours

Location: Fairmont Convention Center Foyer

7:00 AM - 8:00 AM

Continental Breakfast

Location: Fairmont Convention Center Foyer & Exhibition Hall (Van Horne B/C)

8:00 AM - 3:00 PM

Tradeshow Hours

Location: Exhibition Hall (Van Horne B/C)

8:00 AM - 3:00 PM

Poster Session Hours

Location: DC Coleman

8:10 AM - 8:15 AM

Sponsor Address By Hatch

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy

8:15 AM - 9:30 AM

Keynote Address: GeoStable Trials – Exploring the Future of Commingling and Integrated Mine Waste Management

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy
Speaker: Dennis Rugg

9:30 AM - 10:00 AM

Coffee break

Location: Fairmont Convention Center Foyer & Exhibition Hall (Van Horne B/C)

10:00 AM - 11:40 AM

Technical Session 3.1A - Application of GISTM 3

Location: Van Horne A

Moderator: Lucas Vidal ; Session Chair: Felipe Russo

The Role of Standard Financial Analysis in the Selection of Tailings Storage Management

10:00 AM - 10:20 AM

Location: Van Horne A

Speaker: David Espinoza

Providing Training for Tailings Engineers in the Era of New Global Standards and Expectations—the Future Tails Experience

10:20 AM - 10:40 AM

Location: Van Horne A

Speaker: Andy Fourie

Optimizing Independent Tailings Review Boards for Enhanced Risk Management

10:40 AM - 11:00 AM

Location: Van Horne A

Speaker: Scott Martens

When Cultural Asset Loss Triggers Extreme TSF Classification: A Case for Reassessment

11:00 AM - 11:20 AM

Location: Van Horne A

Speaker: Louise McNab

The Role of the Deputy EoR Within a Broader EoR Team

11:20 AM - 11:40 AM

Location: Van Horne A

Speaker: Kyle Scale

10:00 AM - 11:40 AM

Technical Session 3.1B - Mine Waste Characterization 2

Location: Theatre

Session Chair: Yasmin Byrne ; Moderator: Fangzhou Albert Liu, Ekansh Agarwal

Process Reliability Applied to Tailings Deposition

10:00 AM - 10:20 AM

Location: Theatre

Speaker: Cesar Oboni

On the Interpretation of Drained Vane Shear Tests

10:20 AM - 10:40 AM

Location: Theatre

Speaker: Luis Torres Cruz

Assessing the Accuracy of Hydraulic Conductivity Pedotransfer Functions for Mine Tailings

10:40 AM - 11:00 AM

Location: Theatre

Speaker: Samuel Jacob

Alternative Views on the Soil Mechanics Relevant to the Feijão Failure

11:00 AM - 11:20 AM

Location: Theatre

Speaker: Marcos Arroyo

Geotechnical Characterization of Cyclone Underflow Tailings under High Confining Pressures

11:20 AM - 11:40 AM

Location: Theatre

Speaker: Shona Vaughan Williams

10:00 AM - 11:40 AM

Technical Session 3.1C - Analysis & Design 5

Location: Baron Shaughnessy
Session Chair: Daniel Friedman ; Moderator: Chen Jiarui, Mahmoud Ahmed

Challenges in NorSand for Modelling Stress-Relief Paths in Tailings Storage Facilities

10:00 AM - 10:20 AM
Location: Baron Shaughnessy
Speaker: Jorge Macedo

Applicability of the P2PSand Constitutive Model to Simulate the Dynamic Behaviour of a Mine Waste Facility

10:20 AM - 10:40 AM
Location: Baron Shaughnessy
Speaker: Hossein Tabatabaei

The Influence of the Presence of Frozen Tailing Layers on Pore Water Pressure and Its Management in Dam Stability

10:40 AM - 11:00 AM
Location: Baron Shaughnessy
Speaker: Casey Chiu

Comparing Piezovane-Measured Peak and Remoulded Undrained Shear Strength with Laboratory and Field Data

11:00 AM - 11:20 AM
Location: Baron Shaughnessy
Speaker: Scott Olson

Large-Strain Consolidation Modelling of the McClean Lake JEB Pit Tailings Management Facility

11:20 AM - 11:40 AM
Location: Baron Shaughnessy
Speaker: Dmitri Bohach

11:40 AM - 1:00 PM

Lunch

Location: Fairmont Convention Center Foyer & Exhibition Hall (Van Horne B/C)

1:00 PM - 1:40 PM

Special Presentation by David Williams - Reimagining Mine Waste Management for Repurposing and Closure

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy
Speaker: David Williams ; Session Chair: Ward Wilson ; Moderator: Raymond Guang

1:45 PM - 2:45 PM

Technical Session 3.2A - Sustainability Initiatives

Location: Van Horne A
Session Chair: Raymond Guang ; Moderator: Caroline Alexon, Mikayla McKenna Pettit

Mining’s Biological Analogy: Future Opportunities for Sustainable Change

1:45 PM - 2:05 PM
Location: Van Horne A
Speaker: Priscilla Nelson

CANCELLED The Phytoextraction Potential of the Witwatersrand Basin Tailings

2:05 PM - 2:25 PM
Location: Van Horne A
Speaker: Marian Merle Manuel

Hydraulic Dewatered Stacking (HDS) Field Trial Results

2:25 PM - 2:45 PM
Location: Van Horne A
Speaker: Mark Bruton

1:45 PM - 2:45 PM

Technical Session 3.2B - Analysis & Design 6

Location: Theatre
Session Chair: Jacques Cote ; Moderator: Abigail Paul, Renato Macciotta Pulisci

Commercialization of PASS—a Journey of Continuous Improvement

1:45 PM - 2:05 PM
Location: Theatre
Speaker: Trevor Bugg

Conceptual Evaluation of the Thermal Regime of Tailings Dam associated with Seepage

2:05 PM - 2:25 PM
Location: Theatre
Speaker: Jun Xiong

Seismic Response of a Large Downstream Sand Tailings Dam: A Comparative Analysis of PM4SAND and HSS Constitutive Models

2:25 PM - 2:45 PM
Location: Theatre
Speaker: Jose Ccotohuanca

1:45 PM - 2:45 PM

Technical Session 3.2C - Closure & Reclamation 3

Location: Baron Shaughnessy

Session Chair: Andy Small ; Moderator: Aniseh Dadashi, Dallas McGowan

Base Mine Lake Demonstration: Performance of the First Pit Lake in the Oil Sands Industry

1:45 PM - 2:05 PM

Location: Baron Shaughnessy

Speaker: Carla Wytrykush

Base Mine Lake Demonstration: Fine Tailings Deposition History and Relationship with Spatial Distribution of Bitumen Mats on the Mudline

2:05 PM - 2:25 PM

Location: Baron Shaughnessy

Speaker: Adedeji Dunmola

Adaptation of the Environmental Clamshell Dredge for Bitumen Mat Remediation in Base Mine Lake Demonstration

2:25 PM - 2:45 PM

Location: Baron Shaughnessy

Speaker: Audrey Lanoue

2:45 PM - 3:15 PM

Coffee break

Location: Fairmont Convention Center Foyer

3:15 PM - 4:55 PM

Technical Session 3.3A - Case Histories 3

Location: Van Horne A

Session Chair: Bruno Espinace ; Moderator: Robyn Gaebel, Tony Zheng

Case Study: Bathymetric Survey in Coal Mine Tailings Storage Facilities Using Autonomous Technology

3:15 PM - 3:35 PM

Location: Van Horne A

Speaker: Jamie Yuen

Deep Soil Mixing for a Tailings Dam Seepage Cutoff Wall—Lessons Learned

3:35 PM - 3:55 PM

Location: Van Horne A

Speaker: Erin Thomas

CANCELLED: Evaluation of the Undrained Shear Strength of Foundation Soft Soils for Removal of Tailings Facilities—A Case Study

3:55 PM - 4:15 PM

Location: Van Horne A

Speaker: Brahian Roman

Thirty Years Moving Toward Closure and Where Are We Now? An East Kemptville Mine Geochemical Retrospect

4:15 PM - 4:35 PM

Location: Van Horne A

Speaker: Diana Loomer

3:15 PM - 4:55 PM

Technical Session 3.3B - Surveillance & Monitoring 2

Location: Theatre

Session Chair: Gord McKenna ; Moderator: Amirhossein Mohammadi, Luis Torres Cruz

Tailings Dam Proactive Monitoring, a Live Factor of Safety and Liquefaction Potential Rating

3:15 PM - 3:35 PM

Location: Theatre

Speaker: Aaron Tomkins

Eagle Mine Case Study: Methods and Monitoring for Subaqueous Tailings Deposition in a Pit Lake

3:35 PM - 3:55 PM

Location: Theatre

Speaker: Jason Obermeyer

SNAP-StaMPS PS-InSAR Displacement Analysis: Case Study of the Brumadinho TSF Failure

3:55 PM - 4:15 PM

Location: Theatre

Speaker: Prabin Acharya

A Multi-Sensor Satellite Framework for TSF Risk Management: InSAR and Soil Moisture

4:15 PM - 4:35 PM

Location: Theatre

Speaker: Dr Skevi Perdikou

3:15 PM - 4:55 PM

Technical Session 3.3C - Geotechnical Issues 2

Location: Baron Shaughnessy

Session Chair: Giacomo Falorni ; Moderator: Ayman Abusaid, David Barsi

Commercial Demonstration and Performance Evaluation of HyperScan™ Technology for Rapid Estimation of Oil Sands Tailings Properties

3:15 PM - 3:35 PM

Location: Baron Shaughnessy

Speaker: Karsten Rudolf

Behaviour of Dense Cycloned Tailings Sand at High Confining Stress

3:35 PM - 3:55 PM

Location: Baron Shaughnessy

Speaker: Daniel Klassen

Comparative Assessment of Seismic Intensity Measures for Different Tailings Types

3:55 PM - 4:15 PM

Location: Baron Shaughnessy

Speaker: Ali Reza Zafarani

A Framework for Understanding Static Liquefaction of Tailings with Cohesion: Insights from Cemented Backfill

4:15 PM - 4:35 PM

Location: Baron Shaughnessy

Speaker: Murray Grabinsky

4:35 PM - 4:50 PM

Closing Remarks & Invitation to TMW 2026

Location: Van Horne A (main room); livestreamed to Theatre and Baron Shaughnessy