

SLOPE STABILITY '26

2-DAY EVENT AGENDA

Exploring the Disconnects Behind Major Slope Failures

10 – 11 SEPTEMBER 2026

The Garden Venue & Boutique Hotel · Forest Hall · Northriding, Johannesburg

CONFERENCE AND EXPO

OUR 2026 PARTNERS



PRODUCED BY OPEN BUSINESS GROUP



BEFORE MORNING TEA

07:30 – 10:30

SSX26

10 – 11 SEPT 2026

DAY 1 · 10 SEPT

07:30–08:30

Arrival Coffee & Networking

08:30 – 09:00



Dr. Amu Manyike-Modau

Chief HSE & ESG Officer, Vedanta Zinc International

Opening Address: ESG & HSE in Mining — Redefining Risk Ownership in Geotechnical Operations

09:00 – 09:30



Patronella Molutsi

Manager: Engineering, Exxaro Resources

Opening Keynote: From Compliance to Culture — Redefining Safety Leadership in Modern Mining

09:30 – 10:00



Madidimalo Aubrey Phoko

Principal Engineer: Strategic Mine Planning & Design, Exxaro Resources

Mine Planning for Slope Stability: Bridging Strategic Design and Ground Reality

10:00–10:30

Morning Tea & Networking

DAY 2 · 11 SEPT

07:30–08:30

Arrival Coffee & Networking

08:30 – 09:00

PARTNER



Stewart Chaperon & Angkrish Gujral

Stewart Business Development Engineer, TANDM.
Angkrish Director & Head of Business Development, Encardio Rite Monitoring Solutions (ERMS)

Reading the Signs Early: From Geotechnical Monitoring to Data-Driven Failure Prediction"

09:00 – 09:30



Christine Thikusho Pr.Sci.Nat

Senior Geotechnical Geologist, Swakop Uranium, Namibia

Monitoring & Assessing Pit Wall Stability: Integrating Radar, Prisms, InSAR & Field Investigations

09:30 – 10:00



Nyeleti Masole (MSc Eng)

Chief Rock Engineer, Foskor

Key Considerations for Effective Slope Performance Monitoring: A Case Study

10:00–10:30

Morning Tea & Networking

The ground always talks first. Most failures aren't sudden — they're just unheard.



MID-DAY SESSIONS

10:30 – 13:00

SSX26

10 – 11 SEPT 2026

DAY 1 · 10 SEPT

10:30 – 11:20



Lehana Bulane

Geotechnical Engineer, Letšeng Diamond Mine, Lesotho

Exploring Structural Influence in Slope Stability Analysis

11:20 – 12:10

TECHNOLOGY PARTNER



Pieter Botha

Director, Bakgoni Geotechnical Engineering

Eyes in the Sky: Drone Technology for Smarter Slope Investigation

12:10 – 13:00

TECHNICAL PARTNER



Khomotso Moleke

Chief Executive Steward, M84 Geotech

Sponsored: How Do You Design Rockfall Protection Systems That Actually Perform in the Field?

DAY 2 · 11 SEPT

10:30 – 11:45



Thabang Matlala

Senior Mine Planning Engineer, Menar Group; Vice Chairman, IMSSA

Who Watches the Ground After Closure? A Rock Engineering Perspective on Rehabilitation Success

11:45 – 12:15

SPEAKER PARTNER



Schalk Prinsloo

Operations Manager: Hydrology & Geohydrology, Terra Monitoring (A GeoGroup SA Co.)

From Monitoring to Early Warning: Leveraging Instrumentation, Telemetry and Real-Time Data for Proactive Slope Risk Management

12:15 – 13:00

HEADLINE PARTNER



Leon Oosthuysen

Managing Director: Africa, Lichenry & JOB SA Engineering & Mgmt

Getting Ground Support Right: Correct Installation & Testing of Products for Mining and Civils

A slope doesn't fail because nature changed the rules. It fails because someone assumed it wouldn't.



AFTER LUNCH

13:00 – 16:00

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10 – 11 SEPT 2026

DAY 1 · 10 SEPT

13:00–14:30

Lunch & Expo Networking (Extended)

14:30 – 15:00

EMERGING SOLUTIONS



Blaise Trevyn Jacob

Head of Department: Central & Southern Africa,
Maccaferri Africa

*Rockfall Mitigation Solutions: Innovative Systems for Slope
Stabilization, Hazard Protection and Infrastructure
Resilience*

15:00 – 15:30

Moses Skosana Pr.Sci.Nat

Geometallurgist & Geotechnical Engineer, Anglo
American

*Soil Characterisation Keynote: From Field to Failure —
How Soil Characterisation Quality Determines Slope
Performance*

15:30–16:00

Mid-Afternoon Tea & Networking

DAY 2 · 11 SEPT

13:00–14:30

Lunch & Expo Networking (Extended)

14:30 – 14:50

OPEN



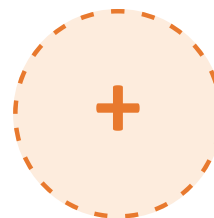
Ayanda Njothini

Solution Specialist – Mine Measurement, Maptek
South Africa

*Early warnings: Unlocking the Full Potential of LiDAR Data
for MRM Integration, Performance and Safety
Improvement, Compliance Enforcement and Movement
Detection.*

14:50 – 15:10

OPEN

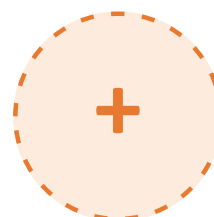


Sponsored Presentation

Topic & speaker to be announced

15:10 – 15:30

OPEN



Sponsored Presentation

Topic & speaker to be announced

15:30–16:00

Mid-Afternoon Tea & Networking

Compliance on paper has never stopped a wall from moving. Only engineering does that.



CLOSING & NETWORKING

16:00 – 19:00

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DAY 1 · 10 SEPT

16:00 – 16:30



Johan Du Plessis

Host · Technical Consultant & Structural Engineer,
Prokon SA

*Panel: Post-Construction Regulations & Enforcement —
Regulators | Operators | Engineers*

16:30–16:40

Closing Remarks — End of Day 1

17:30–19:00

Welcome Cocktail & Strategic Networking

DAY 2 · 11 SEPT

16:00 – 16:30



Host to be announced

*Expert Panel: Exploring Emerging Slope Stability
Technologies for Safer Mining Outcomes*

16:30–16:40

Closing Remarks — End of Day 2

17:30–19:00

Farewell Cocktail & Strategic Networking

Southern Africa doesn't have a shortage of geotechnical disasters. It has a shortage of rooms where the **engineers** who prevent them are actually talking to each other. SSX26 is that room.

Every collapse has an origin story written in the ground months, sometimes years, before anyone reads it



THE 5 THEMES OF SSX26

Geotechnical rigour, applied end to end

SSX26

10 – 11 SEPT 2026

Across five connected themes, SSX26 traces the full life of a slope — showing how disciplined geotechnical inputs translate directly into safer mines, stronger economic performance, and a lasting culture of sustainable safety across Southern Africa's mining and infrastructure sectors.

01

Investigation & Site Characterisation

Reliable ground data is where safety begins — turning subsurface uncertainty into the evidence that safer designs are built on.

02

Design & Planning

Resilient designs that hold up against rainfall, seismic activity and complex geology, sharpened by modelling, digital twins and AI-assisted prediction.

03

Construction & Execution

Translating design intent into safe, on-schedule delivery — protecting people and infrastructure when ground conditions get tough.

04

Monitoring & Operations

Radar, InSAR and real-time sensor networks that catch early warning signs before small shifts become major failures.

05

Risk & Governance

Stronger regulation, policy and community partnership that turn sound engineering into lasting, industry-wide protection.

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