

CONFERENCE & EXPO

Exploring the disconnects behind major slope failures — a first-of-its-kind gathering following the full slope stability lifecycle, from the first borehole to the boardroom.



10 – 11 September 2026

TheGardenVenue · Northriding,
Johannesburg South Africa

Over two intensive days, SSX26 brings together the chief geologists, rock engineers, tailings specialists, mine planners, ESG leaders and regulators who carry responsibility for ground stability across the mining, infrastructure and energy sectors. This is not a trade show — it is a working session for an industry that cannot afford to get this wrong.

"The smallest disconnects can escalate into serious risks. Strengthen your ability to make the right decisions at every stage of slope stability projects."

— SSX26 CONFERENCE VISION

150K+

Engineers & leaders
reached via Engineering
News & MiningWeekly

2

Days of keynotes,
technical sessions &
executive panels

5

Themes spanning the full
slope stability lifecycle

1st

Event of its kind uniting
the full geotechnical
value chain

JULY EARLY-BIRD · VALID UNTIL 31 JULY 2026

R 3,999 pp ex. VAT

In-person · Full 2-day access

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Four Nomads



SSX26 is the first conference of its kind in Southern Africa to bring the entire slope stability lifecycle onto a single stage — from investigation and site characterisation, through design, construction and monitoring, to the governance decisions made in the boardroom. Slope failures rarely happen because of one mistake; they happen in the disconnects between phases, disciplines, and the people who should be talking to each other and aren't. Every unsuccessful slope stability project shares a common thread: a gap in data, in

communication, in governance, or in the handover between one project phase and the next. These gaps are rarely visible until they fail, and by then the cost is measured in downtime, environmental damage and lives. SSX26 exists to close them — uniting the full lifecycle, advancing the science, and connecting regulators with the practitioners whose daily decisions their frameworks are meant to protect.

THE FIVE THEMES

01

Investigation & Site Characterisation
Field investigations, lab testing, geophysical surveys and data interpretation — building certainty before design begins.

02

Design & Planning
Advanced geotechnical software, numerical modelling, digital twins and real-time monitoring reshaping adaptive slope design.

03

Construction & Execution
Practical strategies for retaining walls, rockfall barriers and reinforced embankments — bridging design intent and site reality.

04

Monitoring & Operations
Slope stability radar, InSAR, automated prisms, piezometers, drone-based LiDAR and AI-driven predictive monitoring.

05

Risk & Governance
Compliance leaders, policymakers and industry voices strengthening oversight to keep operations and communities safer.

WHO IS IN THE ROOM



PANEL OF SENIOR ENGINEERS



Dr. Amu Manyike-Modau
Chief HSE & ESG Officer | Vedanta Zinc International South Africa



Patronella Molutsi
Manager Engineering | Exxaro Resources South Africa



Aubrey Phoko
Principal Engineer, Exxaro Resources South Africa



Moses Skosana
Geotechnical Engineer | Anglo American South Africa



Lehana Bulane
Geotechnical Engineer | Letseng Diamond Mine Lesotho



Christine Thikusho
Sr. Geotechnical Geologist | Swakop Uranium Namibia



Nyeleti Masole
Chief Rock Engineer | Foskor South Africa



Khormotso Moleke
Chief Executive Steward | M84 Geotech South Africa



Johan Du Plessis
Technical Manager | PROKON Software Limited South Africa



Thabang Matlala
Senior Mine Planning Engineer | Menar Group and Vice Chairman Institute of Mine Surveyors Southern Africa Mpumalanga

The Two-Day Programme

From ground understanding to engineering reality — and from data to decisions

EARLY-BIRD ENDS 31 JUL
R 3,999 pp
ex. VAT · full 2-day access

Investigation → Design → Execution

"From Ground Understanding to Engineering Reality"

07:30–08:30	Arrival Coffee & Networking
08:30–08:45	Opening Address: ESG & HSE in Mining — Redefining Risk Ownership Dr. Amu Manyike-Modau, Vedanta Zinc International
08:45–09:15	Opening Keynote: From Compliance to Culture Patronella Molutsi, Exxaro Resources
09:15–09:45	Mine Planning for Slope Stability Aubrey Phoko, Exxaro Resources
09:45–10:15	Topic & speaker to be announced
10:15–10:45	Morning Tea & Networking
10:45–11:15	Exploring Structural Influence in Slope Stability Analysis Lehana Bulane, Letšeng Diamond Mine
11:15–11:45	Topic & speaker to be announced
11:45–12:15	Sponsored: Designing Rockfall Protection Systems That Perform Khomotso Moleke, M84 Geotech Solutions
12:15–13:00	Keynote: From Field to Failure — Soil Characterisation Quality Moses Skosana, Anglo American
13:00–14:00	Lunch & Networking
14:00–15:00	Topic & speaker to be announced (x2 sessions)
15:00–15:30	Mid-Afternoon Tea & Networking
15:30–16:00	Topic & speaker to be announced
16:00–16:30	Panel: Post-Construction Regulations & Enforcement Host: Johan Du Plessis, Prokon SA
16:30–16:40	Closing Remarks — End of Day 1
17:30–19:00	Welcome Cocktail & Strategic Networking

DAY 2 - FRIDAY, 11 SEPTEMBER 2026

Monitoring → Performance → Future
"From Data to Decisions in Slope Stability"

07:30–08:30	Arrival Coffee & Networking
08:30–09:15	Topic & speaker to be announced (x2 sessions)
09:15–09:45	Monitoring & Assessing Pit Wall Stability: Radar, Prisms, InSAR Christine Thikusho, Swakop Uranium
09:45–10:15	Key Considerations for Effective Slope Performance Monitoring Nyeleti Masole, Foskor
10:15–10:45	Morning Tea & Networking
10:45–11:45	Who Watches the Ground After Closure? A Rock Engineering Perspective on Rehabilitation Success. Thabang Matlala, MenarGroup & Vice Chairman, IMSSA
11:45–13:00	Topic & speaker to be announced (x2 sessions)
13:00–14:00	Lunch & Networking
14:00–15:00	Topic & speaker to be announced (x2 sessions)
15:00–15:30	Mid-Afternoon Tea & Networking
15:30–16:30	Topic & speaker to be announced
16:30–16:40	Closing Remarks — End of Day 2
17:30–19:00	Farewell Cocktail & Strategic Networking

Register · Speak · Sponsor · Exhibit

SSX26 is the founding moment of a long-term movement for slope stability practice across Africa. This is where the industry's disconnects get named — and closed.

RESERVE YOUR SEAT →

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+5 additional confirmed speakers to be announced soon · Produced by Open Business Group · Official Media Partners: Engineering News & Mining Weekly