

AFRIROCK 2025

PIONEERING PROGRESS :
THE FUTURE OF ROCK ENGINEERING

VENUE: Sun City, Rustenburg, South Africa

19 JULY 2025 – Pillar Workshop

20 JULY 2025 – Geotech: Stress Measurements, Hydrofracturing and Earthquake Inhibitors Workshop & Rocscience Workshop

21-23 JULY 2025 – Conference

24 JULY 2025 – Technical Visits



BACKGROUND

Afrirock 2025 is an international Rock Mechanics Conference set to take place at Sun City, South Africa. As mining has long been a cornerstone of African economies, Rock Engineering design plays a crucial role in advancing mining operations across the continent. The conference will spotlight cutting-edge technologies such as modern geotechnical data collection techniques, 3D visualization software for geotechnical analysis, computer modelling, mechanization, and more. After the formal sessions, technical visits will be organized to provide attendees the opportunity to gain first hand practical knowledge of South African mines.

ABOUT THE VENUE

Nestled in the rolling hills of the Pilanesberg, one of South Africa's most scenic locations, Sun City is a world unto itself and has earned its reputation as Africa's Kingdom of Pleasure. You will find whatever you want at Sun City, from sizzling entertainment, world class casinos and restaurants to cater for all tastes, to the more relaxed poolside venue, quiet places, lush gardens, and extensive sporting facilities including two world-class golf courses. These are just some of the elements that make Sun City unique among the world's entertainment resorts. Finally re-discovered and now part of Sun City, the Lost City and the Valley of Waves, fabled to be the Ruins of a glorious ancient civilisation, celebrate and bring to life the legends of this mystical city. The Lost City is internationally applauded for its wonderfully imaginative theme and exquisite landscaping whilst the fantastic Valley of Waves is one of the world's most exciting waterparks.



FOR FURTHER INFORMATION, CONTACT:

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*ECOSA and SACNASP Validated CPD Activity
Credits = 0.1 per hour attended*

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OBJECTIVES

The goal of Afrirock 2025 is to provide an international forum for presenting and discussing the latest advancements in rock mechanics and geotechnical engineering.

WHO SHOULD ATTEND

The conference should be of value to:

- Rock engineering practitioners
- DMR Inspectors
- Strata control practitioners
- Geotechnical engineers
- Surveyors
- Researchers
- Academics
- Mining engineers
- Civil engineers
- Equipment Suppliers
- Original Equipment Manufacturers

TOPICS

The conference should be of value to:

- Fracture and damage of rocks
- Numerical modelling
- Constitutive models
- Geotechnical data
- Underground rock mechanics
- Tunnellings
- Slope Stability
- Caving
- Ground support
- Subsidence
- Seismic rockburst
- Geotechnical Risk
- Mechanisation

KEY DATES

Abstract submission deadline – **27 January 2025**

Paper submission deadline – **3 March 2025**



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