



# MINE PLANNING AND DESIGN COLLOQUIUM

5-6 SEPTEMBER 2024  
ONLINE VIA ZOOM

ECOSA Validated CPD Activity,  
Credits = 0.1 points per hour  
attended.

## BACKGROUND

The Southern African Institute of Mining and Metallurgy (SAIMM) Mine Planning colloquiums have consistently highlighted deficiencies in mine planning skills over the years. The colloquium held in 2012, 2014, 2017 and 2019 all emphasized the need for developing skill-sets with various mine planning tools within the context of multiple mining methods.

Newer tools and skills for the future of mining discussed in the 2019 colloquium suggests an acknowledgment of the evolving nature of the industry. This likely includes advancements in technology, such as automation, artificial intelligence, and data analytics, which are increasingly becoming integral to modern mine planning and operations.

By addressing these deficiencies and adapting to newer tools and skills, the mining industry can better meet the challenges and opportunities presented by evolving technologies, and changing market demands.

## REVIEW TOPICS

- Understand strategic plans and their impact to tactical and operational planning
- The importance of mineral resource estimation process and its influence of mine planning and design
- Minerals Processing
- The planning process design criteria – the starting point to good mine planning
- Optimizing the mine plan

- Equipment selection
- Mine access – haul roads and declines – the neglected area of mining
- Financial technical evaluations and its importance to the mine planner.
- New technologies – Are they appropriate in mine planning.

## CALL FOR PRESENTATIONS

Submit an abstract to be considered as presentations only at the colloquium.

Prospective presenters are invited to submit titles and abstracts of their presentations in English.

Only in-person presentations will be considered for this colloquium.

Abstracts should be no longer than 500 words and should be submitted to: Camielah Jardine, Head of Conferencing and Events, E-mail: [camielah@saimm.co.za](mailto:camielah@saimm.co.za)

The complete Proceedings volume will be made available on the internet for public access after the colloquium.

## KEY DATES

- 1 May 2024 - Submission of Abstracts
- 1 August 2024 - Submission of Presentation

No marketing presentations will be considered. All presentations must include case studies of actual work implementation.

## FOR FURTHER INFORMATION, CONTACT:

Camielah Jardine,  
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Events

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