



# CALL FOR ABSTRACTS

**1<sup>st</sup> International Conference on Smart Mining  
and Environmental Stewardship  
(ICSMES-1) in Africa**

***“Navigating the Innovation - Commercialization  
- Environmental Stewardship Nexus”***

## 09-13

**February 2026**

**The Mulungushi International Conference Centre (MICC)  
Lusaka, Zambia**



## About the Conference

The O. R. Tambo Research Chair Initiative (ORTARCHI) on Environment and Development at The Copperbelt University (CBU), in partnership with MINTEK (South Africa), invites submissions for the 1st International Conference on Smart Mining and Environmental Stewardship (ICSMES-1) 2026. This premier conference brings together academics, industry experts, researchers, policymakers, and entrepreneurs to deliberate on emerging technologies and strategies that promote sustainable, innovative, and environmentally responsible mining in Africa.

Through plenary sessions, oral and poster presentations, exhibitions, and interactive panels, the conference aims to bridge the gap between innovation, commercialization, and environmental stewardship towards a smarter and responsible, greener mining future.

## Conference Objectives

- To foster collaboration among academia, government, and industry in sustainable mining.
- To promote innovation and commercialization of environmentally sound technologies.
- To strengthen responsible mining through ESG-aligned approaches.
- To enhance digital transformation and smart technologies in mining operations.
- To promote circular-economy solutions and mine-closure best practices.

The ICSMES-1 2026 Conference invites oral and poster submissions under, but not limited to, the thematic areas below:

## Broad Themes and Sub-themes

1. Emerging Technologies and Smart Mining
  - Digital Transformation and Smart Mining Innovations
  - Role of Nanotechnology in Mining
  - Role of Mining in Energy Transition
  - Best Practices in Engineering Design and Construction

2. Mineral Extraction, Commercialization and Mine Waste Management
  - Mineral Extraction and the Circular Economy
  - Efficient Mineral Recovery and Energy Management
  - Critical Minerals Resources and Extraction
  - Commercialisation for Sustainable Impact
3. Responsible Mining: Environmental & Social Impacts, Remediation, and Rehabilitation
  - Mining and Environmental Remediation Strategies
  - Environmental, Social and Governance (ESG) Practices
  - Mine Closure and Rehabilitation Strategies
  - Ecosystem Services and Mining
4. Transdisciplinary Issues on Smart Mining and Environmental Stewardship
  - Big Data and Cloud Computing in Mining and Environmental Management
  - Policy, Governance and Ethical Considerations on Digital Transformation in the Mining Sector
  - Sustainable Value Addition and Beneficiation Pathways for Minerals in Africa.

## Submission Guidelines

- Abstracts should be 200 - 250 words in length, 1.5 spacing, Times New Roman font, size 12.
- Include the title, author(s) names and institutional affiliation(s), and e-mail address of the corresponding author.
- Provide up to five (5) keywords relevant to the abstract.
- Abstracts must be submitted online via the conference website (link to be provided once available).

## Submission Guidelines

- 31 Oct 2025** Abstract submission invited  
**15 Nov 2025** Early Bird registration closes  
**28 Nov 2025** Abstract submission deadline  
**05 Dec 2025** Notification of abstract acceptance

## Registration Fees

| Category                                    | Cost (ZMW [€])          |                         |
|---------------------------------------------|-------------------------|-------------------------|
|                                             | Early Registration      | Late Registration       |
| Registration                                | On or before 30.11.2025 | On or before 01.12.2025 |
| Industry Participants                       | 13,822 [500]            | 16,586 [600]            |
| Non-Government/ Academia                    | 5,946 [228]             | 8,476 [325]             |
| Students (SADC)                             | 3,000 [115]             | 4,000 [154]             |
| Students (International)                    | 5,000 [192]             | 6,000 [230]             |
| Accompanying Person                         | 7,511 [288]             | 9,754 [374]             |
| Lusaka National Park and Munali Coffee Farm | 2,977 [108]             |                         |
| Nickel Mine Mazabuka                        | 2,977 [108]             |                         |

Fees include the welcome reception, conference materials, refreshments, and lunches. Proof of student ID will be required for student category registration. Excursion costs are separate.

## Publication of Papers

Accepted abstracts will be published in the Conference Proceedings. Selected papers will be considered for publication in peer-reviewed journals.

## Exhibition and Sponsorship

A technical exhibition will accompany the conference, showcasing advanced developments and solutions in smart mining and sustainability. Sponsorship packages are available under Platinum, Gold, and Silver categories. Visit the Conference website for more information.

## Contacts and Further Information

Conference Secretariat – ORTARChI, Copperbelt University, Zambia

E-mail: [ortarchi@cbu.ac.zm](mailto:ortarchi@cbu.ac.zm)

Tel: +260 571 379512 (Abstract submission enquiries); +260 968 483187 (Conference enquiries)

For more information, visit the Conference website: (link to be provided)

## Conference Chairs:

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