

ESGS CONFERENCE 2026

CLIMATE CHANGE IN MINING:

Risks, Governance, Sustainability,
and Environmental Management

DATE: 26-27 AUGUST 2026
VENUE: GLENBURN LODGE,
MULDERSDRIFT

ECSA AND SACNASP VALIDATED CPD ACTIVITY CREDITS = 0.1 PER HOUR ATTENDED

Building on the success of the inaugural 2024 event, the second ESGS Conference in 2026 will focus on the overarching theme of Climate Change in Mining. The conference will bring together mining leaders, policymakers, financiers, and sustainability experts to explore how the industry can adapt, innovate, and thrive in the face of climate challenges.

ESG CONFERENCE 2026 PROGRAMME CLIMATE CHANGE IN MINING

Keynote – 30 mins (Including Q & A)

Speaker –20 mins (Including Q & A)

Conference Day 1 - Wednesday, 26 August 2026

Plenary Session- Royal Clansman

- 08:00-09:00 Registration and Early Morning Refreshments
- 09:00-09:05 Safety Briefing
Venue Official
- 09:05-09:10 Welcome and Opening
G.Smith, Conference Chairperson
- 09:10-09:25 SAIMM Presidential Address
G. Lane, Vuuma
- 09:25-09:55 Opening Keynote: Integration and collaborate effort in addressing climate change
S.Harrington, Minerals Council South Africa
- 09:55-10:40 Panel/Fireside Discussion Moderator: G.Smith, Letoto, South Africa,
Panellists: G.Lane, Vuuma, South Africa, S.Harrington, Minerals Council South Africa.
A.Maritz, Ivanhoe Mines, South Africa, G.Montmasson-Clair, SouthernTransition, South Africa, J.Abrahams, Ivanhoe Mines, South Africa
- 10:40-11:00 Mid Morning Refreshments

PILLAR 1 – Risk

PILLAR 2 – Governance and Finance

Session 1 Technical Presentations - Royal Clansman

Session 2 Panel/ Roundtable Carbon Trust - Marrabou

- 11:00-11:05 Session introduction and scene setting- P Burmeister, SRK Consulting, South Africa
- 11:05-11:25 Beyond the design storm: From compliance metrics to adaptive operations for consecutive minor events in dams
A.M.Cassa, F.W.van Zyl, Knight Piésold (Pty) Ltd, South Africa
- 11:25-11:55 Developing climate-adjusted projected rainfall records to support mine water risk assessment and adaptation planning
J.Cahi, SRK Consulting, South Africa
- 11:55-12:15 Bridging the gap from EIA to corporate risk
M.Rommelspacher, B.Woythal, S.Schoeman, Digby Wells Environmental, South Africa
- 12:15-12:35 Advancing enterprise risk management in mining: Integrating physical climate change risk intelligence and risk velocity for enhanced organisational resilience - the valterra platinum approach
C.J.van Zyl, I.C.Pernusch, Valterra Platinum, South Africa
- 12:35-12:55 How regional water stewardship can mitigate water stress in mining communities
C.Hudson, MineCare Evolution (Pty) Ltd, South Africa
- 12:55-13:55 Lunch
- 11:00-12:55 Establishing a junior and small-scale mining support (JSMS) initiative in South Africa

PILLAR 1 – Sustainability

PILLAR 2 – Adaptation

Session 3 Technical Presentations - Royal Clansman

Session 4 Panel/ Roundtable SRK Consulting and OTT Advisory- Marrabou

- 13:55-14:15 Session introduction and scene setting- J.Browne, CNES, South Africa
- 14:15-14:35 Land use change accounting and its implications for the mining sector
R.Lyth, Carbon Trust, South Africa
- 14:35-14:55 The role of carbon offsets in decarbonisation strategy development
D. van Wyk, S. Thakurdin, S. Gangl, Hatch, South Africa, Hatch, Canada
- 14:55-15:15 Beyond the mine gate: Making scope 3 decarbonisation actionable in mining
C.Humphrey, Carbon Trust, South Africa
- 15:15-15:35 Technology innovation for sustainable mining: Using digital tools to drive esg performance
P. de Kock, IsoMetrix, South Africa
- 15:35 Day 1 Conference Close
- 15:45-17:30 Networking Cocktail Function
- 13:55-15:45 Adaptation through nature

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ESG CONFERENCE 2026 PROGRAMME CLIMATE CHANGE IN MINING

Conference Day 2 - Thursday, 27 August 2026

Plenary Session - Royal Clansman

- 08:0-08:30Registration and Early Morning Refreshments
- 08:30-08:35Safety Briefing:
Venue Official
- 08:35-08:40Welcome and Opening
G.Smith, Conference Chairperson
- 08:40-09:10Opening Keynote: Changing the narrative: Economic transition from mining dependency to a sustainable post-mining economy
M.Solomon, University of Cape Town, South Africa

PILLAR 4 - Adaptation

Session 5 – Technical Presentations- Royal Clansman

- 09:15-09:20Session introduction and scene setting- P Burmeister, SRK Consulting, South Africa
- 09:20-09:40Remote sensing and ai for climate-resilient mine water stewardship: A framework for scalable environmental monitoring in the witwatersrand
M.B.Smith, University of the Witwatersrand, South Africa
- 09:40-10:00Water for a just transition: Water allocations, efficiency and governance in South Africa's coal regions
M.J Cole^{1,2}, ¹University of Cape Town, South Africa, ²University of the Witwatersrand, Johannesburg, South Africa
- 10:00-10:20Soil Macrofauna as bioindicators of ecological recovery in a tailings storage facility in the Zambian Copperbelt: Implications for mine wasteland restoration
M. Kasimbo¹, T. Johnson¹, T.M. Mwamba^{1,2}, S. Syampungani^{1,3}, ¹Copperbelt University, Zambia, ²University of Lubumbashi, Democratic Republic of the Congo, ³University of Pretoria, South Africa
- 10:20-10:40A survey of tailings disposal practices at independent chrome processing facilities in South Africa
S.Naidoo, Mineral Exco (Pty) Ltd, South Africa
- 10:40-11:10Mid Morning Refreshments

PILLAR 2 -Sustainability

Session 6 Panel/Roundtable Carbon Trust, CNES and MineCare - Marrabou

- 09:15-10:40Collaborative platforms for improved ESG action and outcomes in mineral regions/clusters throughout life of mine

PILLAR 2 - Governance and Finance

Session 7 – Technical Papers - Royal Clansman

- 11:10-11:20Session introduction and scene setting- R. Arp, Carbon Trust, South Africa
- 11:20-11:40Conditional formalisation in artisanal mining: Using competitive ESG aggregator models to direct capital flows towards environmental compliance in Zimbabwe
H.T.Muchemedzi, Magaya Mining, Zimbabwe
- 11:40-12:00Sustainable finance as a catalyst for mining decarbonisation
I.Ramaipato, Carbon Trust, South Africa
- 12:00-12:20De-risking mining investments for a low-carbon future: Climate finance strategies in emerging markets
O.T.Sentsho, Morton Energy Partners, South Africa
- 12:20-12:40ASPASA on our environmental compliance audit and a ASPASA member on the practical application
L.van den Berg, S Mbali, ASPASA, South Africa
- 12:40-14:00Lunch
- 14:00-14:30Keynote Address: Capital at the crossroads: How south african financial institutions are shaping the governance of climate-related investment in the mining sector
D. Mminele, Nedbank, South Africa
- 14:30-15:00Climate-resilient mining: Building inclusive leadership, innovation and human capability for the mine of the future
M.Seabela , WiMSA, South Africa
- 15:00-15:10Day 2 Conference Close (Intergration of the pillars, gaps and future plans)
- 15:10 - 15:30Afternoon Refreshments

PILLAR 1 - Risk

Session 8 Panel/ Roundtable SRK Consulting - Marrabou

- 11:10-12:40Addressing the risk of tailings through meeting climate change requirements of the GISTM from Design to Closure