

ESG Climate Change Webinar Series 2026

Date: 26 February 2026 | **Time:** 12:00-13:00 | **Online Webinar**

Topic:

“Tools and approaches to modelling climatic changes”

BACKGROUND

Climate change poses significant risks to communities, businesses and industries worldwide, but particularly to mining. It necessitates robust risk assessments and transparent financial disclosures. This webinar will introduce Climate Risk Assessment for the mining sector. Financial disclosure requirements are increasingly stringent, driven by frameworks such as the Task Force on Climate-related Financial Disclosures (TCFD), the Carbon Disclosure Project (CDP) and the International Sustainability Standards Board (ISSB) IFRS S2 Climate-related Disclosures, and emerging national regulations.

These frameworks emphasize transparency in reporting climate-related risks and opportunities, requiring organisations to disclose governance structures, risk management strategies, and financial implications of climate change. The webinar will cover the requirements and introduce the concept of physical, transitional, and liability risks associated with changing environmental conditions. This as an introduction to the remainder of the webinar series that will explore methodologies for quantifying these risks, including scenario analysis, risk mapping, and integration of climate data into baseline risk assessments and financial models.

It will also introduce insights into building resilience, achieving compliance, improving investor confidence, and contributing to sustainable business practices in the face of climate change challenges that will be unpacked further during the series.



MODERATOR

David Viljoen

Director and Chief Sustainability Officer
C-NESC-NES

David Viljoen is a Director and Chief Sustainability Officer of C-NES. He specializes in integrating responsible environmental and socio-economic imperatives into the mining value chain, with particular expertise in concurrent economic diversification for post-mine economies.

He is currently implementing a high-integrity carbon credit programme in Guinea Conakry using clean cookstove technologies. David remains committed to ensuring that mining activities create shared and lasting benefits for all stakeholders, particularly the most marginalized.



SPEAKER

Justin Muhl

Analyst
TMP

Transition Minerals Lead, TMP

Justin Muhl is an Analyst at TMP, where he leads the organisation's work on transition minerals and supports its work on energy. Since joining TMP in 2020, his work has focused on the impacts and opportunities across mining, renewable energy, and emerging markets. Justin is passionate about enabling the global energy transition and, in recent years, has concentrated on strengthening resilience across transition mineral supply chains. Prior to TMP, Justin worked in the environmental department of a renewable energy company in South Africa. He holds a Postgraduate Diploma in Sustainable Development from Stellenbosch University and a Bachelor's degree in Environmental & Geographical Sciences and Sociology from the University of Cape Town. He is based in Cape Town.

FOR FURTHER INFORMATION, CONTACT:

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