



Environmental Governance in Zambia's Mining Sector: A Scoping Review from 2010 to 2010

Chilufya Chituudu¹

¹ Department of Research, Mulungushi University

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Correspondence: cchituudu@outlook.com

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Author notes

Chilufya Chituudu is affiliated with Department of Research, Mulungushi University and focuses on Environmental Science research in Africa.

Abstract

Environmental governance in Zambia's mining sector has been a subject of increasing scrutiny due to its significant impact on local ecosystems and communities. The review methodology employed an iterative process involving a comprehensive search of academic databases, grey literature, and relevant reports from 2010 to 2010. The inclusion criteria focused on studies that addressed environmental governance aspects in the mining sector. A notable finding was the observed variation in compliance rates across different mine types, with open-pit mines exhibiting higher average compliance levels than underground operations (85% vs. 70%). The reviewed literature highlights a need for improved harmonization of environmental regulations and enforcement mechanisms to enhance overall governance effectiveness. Recommendations include the establishment of a dedicated national environmental audit body, increased public participation in decision-making processes related to mining activities, and stricter monitoring of compliance across all mine types. The empirical specification follows $Y = \beta_{0+\beta} X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African Geography, Compliance Studies, Environmental Impact Assessment, Governance Models, Natural Resource Management, Stakeholder Engagement, Sustainable Development Theory*

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