VULNERABILITY ASSESSMENT OF MINING CONFLICTS IN PERU USING AHP

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ABSTRACT

Mining is essential to Peru's economy but frequently generates conflicts due to its environmental and social impacts. This study uses the Analytic Hierarchy Process (AHP) to evaluate the vulnerability of mining projects by analyzing economic, social, and environmental factors. The evaluation of three major mining projects in Peru highlights key elements that increase the likelihood of conflict and provides insights into the interconnected nature of these factors.

By applying a hierarchical analysis model, the study systematically assesses the interplay between opportunities, challenges, and pressures within mining activities. This approach not only identifies the main drivers of conflict but also offers a practical framework for anticipating vulnerabilities and fostering more sustainable relationships between mining operations and affected communities.

Keywords: mining conflicts, AHP, economic, social, environmental.

1. Key References

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