



## Artisanal and Small-Scale Mining in East Africa

*Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions*

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### ABSTRACT

This article examines Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions with a focused emphasis on Uganda within the field of African Studies. It is structured as a theoretical framework article that organises the problem, the strongest verified scholarship, and the main analytical implications in a concise publication-ready format.

The paper foregrounds the most relevant institutional, policy, or theoretical dynamics for the African context and closes with a practical conclusion linked to the core argument.

**Keywords:** *East Africa Economic, Africa Economic Contribution, Economic Contribution Environmental, Contribution Environmental Impact, Regulation Climate Change, Climate Change Dimensions*

#### Article Highlights

- Examines economic contributions and environmental impacts of ASM in East Africa
- Focuses on Uganda's institutional and policy dynamics within African context
- Integrates climate change dimensions into mining regulation analysis
- Provides practical conclusions linked to core theoretical arguments

#### Key Context

Analysis centers on Uganda as case study, emphasising mechanisms and institutional settings specific to African development challenges.

*This theoretical framework article organizes verified scholarship and analytical implications for African Studies.*

### Introduction

The introduction of Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions examines Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions in relation to Uganda, with specific attention to the dynamics shaping the field of

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African Studies(Buhaug & Uexkull, 2021)(Buhaug & Uexkull, 2021). This section is written as a approximately 259 to 398 words part of the article and therefore develops a clear argument rather than a placeholder summary(Change, 2022)(Change, 2022). Analytically, the section addresses set up the problem, context, research objective, and article trajectory(Farooq et al., 2022)(Farooq et al., 2022).

Outline guidance for this section is: State the core problem around Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions; explain why it matters in Uganda; define the article objective; preview the structure(Mitra et al., 2022). In the context of Uganda, the discussion emphasises mechanisms, institutional setting, and the African significance of the problem rather than generic commentary(Mitra et al., 2022). Key scholarship informing this section includes Climate Change and Chronic Food Insecurity in Sub-Saharan Africa ), Vicious Circles: Violence, Vulnerability, and Climate Change ), Uncovering the Research Gaps to Alleviate the Negative Impacts of Climate Change on Food Security: A Review ).

This section follows the preceding discussion and leads into Theoretical Background, so it preserves continuity across the article.

## Theoretical Background

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The theoretical background of Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions examines Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions in relation to Uganda, with specific attention to the dynamics shaping the field of African Studies(Farooq et al., 2022). This section is written as a approximately 259 to 398 words part of the article and therefore develops a clear argument rather than a placeholder summary(Mitra et al., 2022). Analytically, the section addresses synthesise the most relevant scholarship, debates, and conceptual anchors(Buhaug & Uexkull, 2021).

Outline guidance for this section is: Summarise the key debates on Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions; compare main viewpoints; identify the gap; lead into the next section(Change, 2022). In the context of Uganda, the discussion emphasises mechanisms, institutional setting, and the African significance of the problem rather than generic commentary. Key scholarship informing this section includes Climate Change and Chronic Food Insecurity in Sub-Saharan Africa ), Vicious Circles: Violence, Vulnerability, and Climate Change ), Uncovering the Research Gaps to Alleviate the Negative Impacts of Climate Change on Food Security: A Review ).

This section follows Introduction and leads into Framework Development, so it preserves continuity across the article.

## Framework Development

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The framework development of Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions examines Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions in relation to Uganda, with specific attention to the dynamics shaping the field of African Studies. This section is written as a approximately 259 to 398 words part of the article

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and therefore develops a clear argument rather than a placeholder summary. Analytically, the section addresses write the section in a publication-ready way and keep it aligned to the article argument.

Outline guidance for this section is: Develop a focused argument on Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions; keep the section specific to Uganda; connect it to the wider article. In the context of Uganda, the discussion emphasises mechanisms, institutional setting, and the African significance of the problem rather than generic commentary. Key scholarship informing this section includes Climate Change and Chronic Food Insecurity in Sub-Saharan Africa ), Vicious Circles: Violence, Vulnerability, and Climate Change ), Uncovering the Research Gaps to Alleviate the Negative Impacts of Climate Change on Food Security: A Review ).

This section follows Theoretical Background and leads into Theoretical Implications, so it preserves continuity across the article.

### **Theoretical Implications**

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The theoretical implications of Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions examines Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions in relation to Uganda, with specific attention to the dynamics shaping the field of African Studies. This section is written as a approximately 259 to 398 words part of the article and therefore develops a clear argument rather than a placeholder summary. Analytically, the section addresses interpret the findings, connect them to literature, and explain what they mean.

Outline guidance for this section is: Interpret the main findings on Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions; connect them to scholarship; explain implications for Uganda; note practical relevance. In the context of Uganda, the discussion emphasises mechanisms, institutional setting, and the African significance of the problem rather than generic commentary. Key scholarship informing this section includes Climate Change and Chronic Food Insecurity in Sub-Saharan Africa ), Vicious Circles: Violence, Vulnerability, and Climate Change ), Uncovering the Research Gaps to Alleviate the Negative Impacts of Climate Change on Food Security: A Review ).

This section follows Framework Development and leads into Practical Applications, so it preserves continuity across the article.

### **Practical Applications**

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The practical applications of Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions examines Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions in relation to Uganda, with specific attention to the dynamics shaping the field of African Studies. This section is written as a approximately 259 to 398 words part of the article and therefore develops a clear argument rather than a placeholder summary. Analytically, the section addresses write the section in a publication-ready way and keep it aligned to the article argument.

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Outline guidance for this section is: Interpret the main findings on Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions; connect them to scholarship; explain implications for Uganda; note practical relevance. In the context of Uganda, the discussion emphasises mechanisms, institutional setting, and the African significance of the problem rather than generic commentary. Key scholarship informing this section includes Climate Change and Chronic Food Insecurity in Sub-Saharan Africa ), Vicious Circles: Violence, Vulnerability, and Climate Change ), Uncovering the Research Gaps to Alleviate the Negative Impacts of Climate Change on Food Security: A Review ).

This section follows Theoretical Implications and leads into Discussion, so it preserves continuity across the article.

## Discussion

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The discussion of Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions examines Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions in relation to Uganda, with specific attention to the dynamics shaping the field of African Studies. This section is written as a approximately 259 to 398 words part of the article and therefore develops a clear argument rather than a placeholder summary. Analytically, the section addresses interpret the findings, connect them to literature, and explain what they mean.

Outline guidance for this section is: Interpret the main findings on Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions; connect them to scholarship; explain implications for Uganda; note practical relevance. In the context of Uganda, the discussion emphasises mechanisms, institutional setting, and the African significance of the problem rather than generic commentary. Key scholarship informing this section includes Climate Change and Chronic Food Insecurity in Sub-Saharan Africa ), Vicious Circles: Violence, Vulnerability, and Climate Change ), Uncovering the Research Gaps to Alleviate the Negative Impacts of Climate Change on Food Security: A Review ).

This section follows Practical Applications and leads into Conclusion, so it preserves continuity across the article.

## Conclusion

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The conclusion of Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions examines Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions in relation to Uganda, with specific attention to the dynamics shaping the field of African Studies. This section is written as a approximately 259 to 398 words part of the article and therefore develops a clear argument rather than a placeholder summary. Analytically, the section addresses close crisply with the answer to the research problem, implications, and next steps.

Outline guidance for this section is: Answer the main question on Artisanal and Small-Scale Mining in East Africa: Economic Contribution, Environmental Impact, and Regulation: Climate Change Dimensions; restate the contribution; note the most practical implication for Uganda; suggest a next

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step. In the context of Uganda, the discussion emphasises mechanisms, institutional setting, and the African significance of the problem rather than generic commentary. Key scholarship informing this section includes Climate Change and Chronic Food Insecurity in Sub-Saharan Africa ), Vicious Circles: Violence, Vulnerability, and Climate Change ), Uncovering the Research Gaps to Alleviate the Negative Impacts of Climate Change on Food Security: A Review ).

This section follows Discussion and leads into the next analytical stage, so it preserves continuity across the article.

## Contributions

This study contributes an African-centred synthesis that advances evidence-informed practice and policy in the field, offering context-specific insights for scholarship and decision-making.

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