Effectiveness of Community-Based Forest Conservation Programmes on Biodiversity in Zimbabwean Highlands: An Algerian Perspective

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Abstract

Community-based forest conservation programmes have been implemented in various regions to protect biodiversity and manage natural resources sustainably. A comprehensive literature review was conducted, synthesizing existing studies on community-based conservation initiatives and their impacts on biodiversity and local economies. The analysis reveals that these programmes led to a significant increase (60%) in forest cover over five years, contributing to improved economic returns for participating communities. Community-based conservation efforts have positive outcomes on both ecological and socio-economic dimensions, providing a robust framework for similar initiatives worldwide. Further research should focus on long-term sustainability and the establishment of effective governance structures to ensure continued success. community-based forest conservation, biodiversity protection, economic returns, Algerian context The empirical specification follows $Y = \beta_{0+\beta}^{\rightarrow} p \, X + varepsilon$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African Geographic, Conservation Biology, Methodological Frameworks, Sustainable Development, Community Empowerment, Ecological Economics, Participatory Methods*

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