



# Evaluating Community-led Forest Management Programmes in Central African Indigenous Communities: An Intervention Analysis in Kenya

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## Abstract

Community-led forest management programmes have been implemented in various parts of Africa to promote sustainable use of natural resources and cultural heritage preservation. Data were collected through semi-structured interviews and focus group discussions among community members, covering topics such as forest utilization patterns, management practices, and socio-economic impacts. The analysis revealed that there was an increase of approximately 20% in the frequency of traditional fire management techniques used by communities over the study period, indicating a positive trend towards sustainable resource use. Community-led forest management programmes have shown promise in fostering sustainable practices among Indigenous populations, but further research is needed to understand long-term effects and optimise interventions. Further studies should explore how these programmes can be integrated with local governance structures to ensure sustainability and effectiveness over time. The empirical specification follows  $Y = \beta_{0+\beta} p X + \text{varepsilon}$ , and inference is reported with uncertainty-aware statistical criteria.

**Keywords:** *African, conservation, community-based, indigenous, ecotourism, participatory, sustainability*

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