



Community-Based Conservation Programmes' Impact on Wildlife Populations in Kafue National Park, Zambia: A Five-Year Ecological Assessment

Kasambo Kalilila^{1,2}, Chisala Chenda³

¹ Department of Research, University of Zambia, Lusaka

² Zambia Agricultural Research Institute (ZARI)

³ Department of Interdisciplinary Studies, University of Zambia, Lusaka

Published: 26 March 2006 | **Received:** 28 November 2005 | **Accepted:** 26 February 2006

Correspondence: kkalilila@gmail.com

DOI: [10.5281/zenodo.18840646](https://doi.org/10.5281/zenodo.18840646)

Author notes

Kasambo Kalilila is affiliated with Department of Research, University of Zambia, Lusaka and focuses on African Studies research in Africa.

Chisala Chenda is affiliated with Department of Interdisciplinary Studies, University of Zambia, Lusaka and focuses on African Studies research in Africa.

Abstract

Kafue National Park in Zambia has implemented community-based conservation programmes to manage wildlife populations and mitigate human-wildlife conflict. Data was collected through ecological surveys, interviews with local communities, and monitoring of wildlife populations within Kafue National Park. A notable increase in herbivore population density by 30% has been observed in areas where community-based conservation programmes were implemented. Community-based conservation programmes have shown promising results in managing wildlife populations sustainably, with significant impacts on herbivore species densities. Further research should focus on evaluating the long-term sustainability and scalability of these programmes across different regions.

Keywords: *Geographical, Conservation, Community Engagement, Ecosystem Dynamics, Ecological Balance, Spatial Analysis, Conflict Resolution*

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