



Assessment of Community Fisheries Management Practices in Lake Malawi: Economic Impacts, Environmental Sustainability, and Farmer Satisfaction

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Abstract

Lake Malawi is a significant source of livelihood for numerous communities in southern Africa. A systematic review of existing literature was conducted using databases such as Google Scholar, PubMed, and Scopus. Papers published between and were included if they met specific criteria regarding methodology, data quality, and relevance to Lake Malawi's fisheries management practices. The analysis revealed that community-led fisheries management

led to a 46 per capita increase in income compared to traditional, unmanaged systems (95% CI: 23–70). Community fish

$Y = \beta_{0+\beta} p X + \text{varepsilon}$, inference is reported with uncertainty – aware statistical criteria.

Keywords: African geography, Community-based management, Ecosystem services, Fisheries economics, Impact assessment, Sustainability indicators, Tripartite partnerships

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