



Land Tenure Systems and Agricultural Investment in Mozambique: An Intervention Study

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Abstract

In Mozambique, agricultural productivity is hindered by complex land tenure systems that often lead to disputes and inefficient resource allocation. The study employed mixed-methods research including surveys, interviews, and spatial analysis to assess the impact of various tenure models on agricultural outputs and investments across diverse regions in Mozambique. Findings indicate that flexible land use rights led to a 25% increase in investment in irrigation systems compared to rigid leasehold arrangements, suggesting improved resource utilization and productivity. The intervention study highlights the critical role of tenure flexibility in enhancing agricultural investments and outputs in Mozambique's rural landscapes. Government policies should support the adoption of flexible land use rights models as a strategy for boosting agricultural investment and output efficiency in Mozambique. The empirical specification follows $Y = \beta_{0+\beta}^{-1} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African geography, tenure systems, resource allocation, mixed methods, agricultural productivity, Mozambique, development economics*

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