



Theoretical Foundations for Implementing Water-Saving Irrigation Systems Among Maize Producers in Eastern Kenya: A Longitudinal Perspective

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for Implementing Water-
Saving Irrigation

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Abstract

The implementation of water-saving irrigation systems in maize production among smallholder farmers in Eastern Kenya is a critical area for sustainable agriculture development. No empirical data will be presented; instead, a comprehensive review of existing literature and socio-economic models will inform the development of the theoretical model. The theoretical framework developed provides a robust foundation for understanding the long-term benefits of water-saving irrigation systems among smallholder maize producers in Eastern Kenya. Policy makers should consider subsidies or incentives to encourage the adoption of these technologies, particularly targeting farmers with limited financial resources.

Keywords: *Kenyan, Maasai, Participatory, Irrigation, Sustainable, Ethnographic, Agricultural*

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