



Gender Empowerment Strategies in Kenyan Hillside Agriculture: Adoption of Technological Innovations by Female Farmers

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Abstract

Kenyan hillside communities face significant gender inequalities in agriculture, particularly affecting female farmers who often lack access to technological innovations and decision-making roles within their households. The analysis will draw from qualitative research methods including interviews with female farmers and community leaders to understand current practices and challenges in adopting technological innovations. The findings suggest that targeted interventions focusing on financial support, education about new technologies, and community-led initiatives can enhance the adoption rates and benefits for female farmers. Policy makers should prioritise inclusive agricultural extension programmes that involve women in decision-making processes. Additionally, there is a need to strengthen existing social structures to reduce gender-based disparities in access to resources and opportunities.

Keywords: *African Geography, Gender Inequality, Empowerment Strategies, Technological Innovations, Participatory Research, Indigenous Knowledge Systems, Sustainable Development*

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