



Adoption and Impact Assessment of a Food Security Monitoring System among Smallholder Farmers in Southern Somalia: A Mixed Methods Study

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Abstract

Southern Somalia faces significant challenges in food security due to climate variability and conflict. Smallholder farmers are at particular risk, necessitating innovative solutions. A mixed methods study combining quantitative surveys with qualitative interviews to assess system acceptance and effectiveness. The survey revealed an 85% adoption rate, with notable improvements in timely information dissemination and community engagement reported by respondents. The Food Security Monitoring System demonstrates high potential for enhancing food security among smallholder farmers in Southern Somalia. Further studies should explore scalability and cost-effectiveness of the system to inform broader policy applications.

Keywords: *Sub-Saharan, African, Socioeconomic, Qualitative, Quantitative*

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