



Analysing Adoption Rates and Success Metrics of Eco-Friendly Toilets in Rural Ugandan Villages,

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Abstract

In rural Uganda, traditional pit latrines contribute significantly to environmental pollution, necessitating alternative sanitation solutions. A mixed-methods approach will be employed, including surveys ($N=300$) \wedge *focus group discussions* ($n=25$), *to assess toilet usage patterns \wedge user satisfaction.*

Survey results indicate that 65% of households in the study villages adopted eco-friendly toilets within five years, with a strong preference for biogas digesters over composting toilets. This mixed-method research protocol aims to provide evidence-based insights into the adoption and success of eco-toilets in rural Ugandan settings. Policy recommendations will be formulated based on findings to encourage wider implementation of sustainable sanitation solutions. Eco-friendly toilets, Rural Uganda, Sanitation, Adoption rates, Success metrics

Keywords: *African Geography, Ecological Sanitation, Mixed Methods, Participatory Observation, Sustainable Development, Community Engagement, Latrines*

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