



Solar Cookers in Urban Refugee Camps: A Tanzanian Perspective on Adoption and Impact

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14

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Abstract

Solar cookers have been introduced as a sustainable solution to address energy needs in refugee camps, particularly in urban settings like Dar es Salaam's refugee settlements. This study utilised a qualitative approach, involving interviews with refugees and camp administrators to understand perceptions and usage patterns. Despite initial resistance due to cultural norms and technological limitations, solar cookers are gradually gaining acceptance in urban refugee camps. Future initiatives should focus on improving cooker designs and addressing socio-economic barriers. Promote community-led adoption programmes that integrate solar cooking into existing infrastructures and provide financial support for purchasing and maintenance of the technology.

Keywords: *Urbanization, Refugee Studies, Sustainable Development, Renewable Energy, Community Engagement, Participatory Action Research, Climate Change Adaptation*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

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