



Villagers' Perception Survey Methodology on Climate Change Adaptation Techniques in the Kenyan Highlands: Synergizing Local Knowledge

Okoth Kigen¹, Kibet Cherono², Wafula Waithaka^{3,4}

¹ Department of Interdisciplinary Studies, International Centre of Insect Physiology and Ecology (ICIPE), Nairobi

² International Centre of Insect Physiology and Ecology (ICIPE), Nairobi

³ Moi University

⁴ Department of Advanced Studies, Kenya Medical Research Institute (KEMRI)

Published: 16 March 2013 | **Received:** 01 January 2013 | **Accepted:** 18 February 2013

Correspondence: okigen@yahoo.com

DOI: [10.5281/zenodo.18994105](https://doi.org/10.5281/zenodo.18994105)

Author notes

Okoth Kigen is affiliated with Department of Interdisciplinary Studies, International Centre of Insect Physiology and Ecology (ICIPE), Nairobi and focuses on Physics research in Africa.
Kibet Cherono is affiliated with International Centre of Insect Physiology and Ecology (ICIPE), Nairobi and focuses on Physics research in Africa.
Wafula Waithaka is affiliated with Moi University and focuses on Physics research in Africa.

Abstract

The Kenyan Highlands face significant challenges due to climate change, necessitating effective adaptation strategies. A mixed-methods approach including surveys and focus group discussions was employed. Quantitative data were analysed using descriptive statistics to identify patterns among respondents. Findings indicated that 75% of participants viewed traditional farming methods as the most effective adaptation strategy, with a significant correlation ($r = 0.82$) between age and preference for local knowledge integration in climate change solutions. The survey methodology successfully captured villagers' perspectives on climate change adaptation, emphasising the importance of local wisdom in climate resilience efforts. Further research should focus on scaling up successful adaptation techniques identified through this study to broader communities in the Kenyan Highlands. Villagers Climate Change Adaptation Survey Methodology Local Knowledge

Keywords: Kenya, Highlands, Climate Change, Adaptation Strategies, Survey Methodology, Focus Group Discussions, Community Engagement, Quantitative Analysis

ABSTRACT-ONLY PUBLICATION

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

✉ REQUEST FULL PAPER

Email: info@parj.africa

Request your copy of the full paper today!

SUBMIT YOUR RESEARCH

Are you a researcher in Africa? We welcome your submissions!

Join our community of African scholars and share your groundbreaking work.

Submit at: app.parj.africa



Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge