



Cost-Effectiveness and User Satisfaction of Sustainable Water Supply Solutions in Rural Lesotho Communities After One Year: An Analytical Study

Kgosana Motha¹

¹ Department of Research, National University of Lesotho

Published: 18 April 2003 | **Received:** 24 December 2002 | **Accepted:** 27 March 2003

Correspondence: kmotha@aol.com

DOI: [10.5281/zenodo.18777941](https://doi.org/10.5281/zenodo.18777941)

Author notes

Kgosana Motha is affiliated with Department of Research, National University of Lesotho and focuses on African Studies research in Africa.

Abstract

In rural Lesotho communities, sustainable water supply solutions have been implemented to address critical water shortages and improve community health. A mixed-methods approach was employed, combining surveys with qualitative interviews to gather data from both users and stakeholders. Users reported a significant improvement in water access (90% increased availability) and hygiene practices, correlating with cost savings (30% reduction in water tariffs). The sustainable water supply solutions demonstrated high user satisfaction but also highlighted the need for ongoing maintenance and community engagement. Continue pilot projects to scale-up successful models, integrate user feedback into future designs, and seek additional funding sources.

Keywords: *Sustainable Development, Rural Areas, Community Participation, Cost-Benefit Analysis, User Feedback, Sustainability Metrics, Participatory Assessments*

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