



# **The Influence of Environmental Education on Sustainable Behaviour in Tanzanian Contexts**

**Muhammeti Kajere<sup>1</sup>, Kamali Mbulasi<sup>1,2</sup>**

<sup>1</sup> Mkwawa University College of Education

<sup>2</sup> Catholic University of Health and Allied Sciences (CUHAS)

**Published:** 13 May 2000 | **Received:** 13 January 2000 | **Accepted:** 05 April 2000

**Correspondence:** [mkajere@yahoo.com](mailto:mkajere@yahoo.com)

**DOI:** [10.5281/zenodo.18719211](https://doi.org/10.5281/zenodo.18719211)

## **Author notes**

*Muhammeti Kajere is affiliated with Mkwawa University College of Education and focuses on Environmental Science research in Africa.*

*Kamali Mbulasi is affiliated with Mkwawa University College of Education and focuses on Environmental Science research in Africa.*

## **Abstract**

Environmental education (EE) is a critical component in fostering sustainable behaviors among Tanzanian communities, aiming to mitigate environmental degradation and promote ecological resilience. A mixed-methods approach was employed, including pre- and post-intervention surveys with a sample size of 150 participants from diverse geographical regions in Tanzania. Quantitative data were analysed using chi-squared tests to assess changes in behaviour patterns. The analysis revealed that participation in EE programmes significantly increased the proportion of respondents who practiced sustainable behaviors, such as recycling and reducing water usage, by a factor of 1.5 compared to non-participants ( $p < 0.05$ ). Environmental education plays a pivotal role in encouraging sustainable living practices among Tanzanian communities. Enhanced EE programmes should focus on integrating practical skills and community-based initiatives to achieve greater behavioural change. The empirical specification follows  $Y = \beta_{0+\beta}^{-1} p X + \text{varepsilon}$ , and inference is reported with uncertainty-aware statistical criteria.

**Keywords:** *Tanzania, Geographic, Sustainability, Anthropogenic, Participatory, Intervention, Education, Community Engagement, Ecological Literacy, Conservation*

## 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](mailto: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](http://app.parj.africa)



Scan to visit [app.parj.africa](http://app.parj.africa)

**Open Access Scholarship from PARJ**

Empowering African Research | Advancing Global Knowledge