



# Impact Evaluation in Rwandan Schools: A Review of Water Sanitation and Hygiene Education Campaigns on Academic Outcomes

Nancy Mukashya<sup>1</sup>

<sup>1</sup> University of Rwanda

**Published:** 28 February 2009 | **Received:** 27 October 2008 | **Accepted:** 09 January 2009

**Correspondence:** [nmukashya@hotmail.com](mailto:nmukashya@hotmail.com)

**DOI:** [10.5281/zenodo.18897071](https://doi.org/10.5281/zenodo.18897071)

## Author notes

*Nancy Mukashya is affiliated with University of Rwanda and focuses on African Studies research in Africa.*

## Abstract

This review examines recent research on interventions aimed at improving water sanitation and hygiene (WASH) education in Rwandan schools, focusing on their impact on academic outcomes. Studies reviewed employed a range of quantitative methods including randomized controlled trials (RCTs), cross-sectional surveys, and longitudinal data analyses. Qualitative studies often used focus groups and interviews to explore perceptions and practices related to WASH education. Findings indicate that while some campaigns showed modest improvements in hygiene behaviors among students, the impact on academic performance varied significantly across different schools and interventions. While there is evidence of changes in WASH knowledge and behaviour, more robust studies are needed to establish causal relationships between these changes and educational outcomes. Methodological challenges include the complexity of attributing effects solely to WASH education campaigns. Future research should consider integrating WASH education with broader school improvement initiatives and explore how contextual factors influence campaign effectiveness.

**Keywords:** *Rwanda, Geographic Impact Evaluation, WASH Education, School Outcomes, Hygiene Interventions, Methodological Review, Educational Policies*

## 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