



# Adoption Rates and Long-term Viability of Community-Led Total Sanitation in Rural Ethiopian Water Supply Systems

Meskel Mekonnen<sup>1</sup>, Tsadik Desta<sup>2</sup>, Yared Gebreab<sup>3</sup>, Abiy Ayalew<sup>4</sup>

<sup>1</sup> Haramaya University

<sup>2</sup> Department of Advanced Studies, Debre Markos University

<sup>3</sup> Department of Interdisciplinary Studies, Haramaya University

<sup>4</sup> Hawassa University

**Published:** 23 September 2000 | **Received:** 17 May 2000 | **Accepted:** 31 July 2000

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

**DOI:** [10.5281/zenodo.18719657](https://doi.org/10.5281/zenodo.18719657)

## Author notes

*Meskel Mekonnen is affiliated with Haramaya University and focuses on African Studies research in Africa.*

*Tsadik Desta is affiliated with Department of Advanced Studies, Debre Markos University and focuses on African Studies research in Africa.*

*Yared Gebreab is affiliated with Department of Interdisciplinary Studies, Haramaya University and focuses on African Studies research in Africa.*

*Abiy Ayalew is affiliated with Hawassa University and focuses on African Studies research in Africa.*

## Abstract

Community-led total sanitation (CLTS) is a participatory approach to improving water and sanitation in rural communities, particularly in Africa. The analysis relies on qualitative data from community surveys conducted annually since the early 2000s. While CLTS has been effective in promoting water and sanitation improvements, challenges persist such as sustainable financing mechanisms and community engagement over extended periods. Policy makers should consider implementing robust monitoring systems to track long-term sustainability and explore innovative funding models to support these initiatives in rural settings.

**Keywords:** Ethiopia, CLTS, sanitation, participatory, sustainability, efficacy, rural, hygiene, impact, water supply

## 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