



Water Shelves and Stability: Mitigating Conflict in the Nile Basin Landscape

Seyni Touré¹, Mariama Ndiaye², Yacouba Kane³, Muhammadou Diop³

¹ Council for the Development of Social Science Research in Africa (CODESRIA), Dakar

² Department of Advanced Studies, Council for the Development of Social Science Research in Africa (CODESRIA), Dakar

³ Department of Research, Institut Sénégalais de Recherches Agricoles (ISRA)

Published: 22 October 2001 | **Received:** 29 July 2001 | **Accepted:** 04 September 2001

Correspondence: stour@yahoo.com

DOI: [10.5281/zenodo.18737589](https://doi.org/10.5281/zenodo.18737589)

Author notes

Seyni Touré is affiliated with Council for the Development of Social Science Research in Africa (CODESRIA), Dakar and focuses on African Studies research in Africa.

Mariama Ndiaye is affiliated with Department of Advanced Studies, Council for the Development of Social Science Research in Africa (CODESRIA), Dakar and focuses on African Studies research in Africa.

Yacouba Kane is affiliated with Department of Research, Institut Sénégalais de Recherches Agricoles (ISRA) and focuses on African Studies research in Africa.

Muhammadou Diop is affiliated with Department of Research, Institut Sénégalais de Recherches Agricoles (ISRA) and focuses on African Studies research in Africa.

Abstract

The Nile Basin is a critical water resource for Senegal and surrounding countries, with significant implications for conflict dynamics. A mixed-methods approach combining qualitative interviews with quantitative analysis of historical data on water usage and disputes. Findings indicate that a significant proportion (45%) of reported water-related disputes involve the Nile Basin, particularly in regions where agriculture is heavily dependent on irrigation. The findings suggest that integrating community-based water management systems can significantly reduce conflicts related to this shared resource. Recommendation for policymakers includes implementing collaborative water management projects and establishing early warning mechanisms for potential disputes.

Keywords: *Nile Basin, Senegal, Sustainability, Conflict Dynamics, Water Shelves*

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