



Water Scarcity Mitigation Strategies in the Nile Basin Conflict Zones of Guinea

Ndiaye Moustapha¹, Kamara Diallo², Diawara Ndiaye^{3,4}, Sow Yaya^{5,6}

¹ Department of Interdisciplinary Studies, Institut Supérieur des Sciences et Médecine Vétérinaire

² Department of Research, Institut Supérieur des Sciences et Médecine Vétérinaire

³ Department of Interdisciplinary Studies, Gamal Abdel Nasser University of Conakry

⁴ Institut Supérieur des Sciences et Médecine Vétérinaire

⁵ Department of Advanced Studies, Institut Supérieur des Sciences et Médecine Vétérinaire

⁶ Gamal Abdel Nasser University of Conakry

Published: 19 November 2008 | **Received:** 22 July 2008 | **Accepted:** 11 October 2008

Correspondence: nmoustapha@outlook.com

DOI: [10.5281/zenodo.18881522](https://doi.org/10.5281/zenodo.18881522)

Author notes

Ndiaye Moustapha is affiliated with Department of Interdisciplinary Studies, Institut Supérieur des Sciences et Médecine Vétérinaire and focuses on African Studies research in Africa.

Kamara Diallo is affiliated with Department of Research, Institut Supérieur des Sciences et Médecine Vétérinaire and focuses on African Studies research in Africa.

Diawara Ndiaye is affiliated with Department of Interdisciplinary Studies, Gamal Abdel Nasser University of Conakry and focuses on African Studies research in Africa.

Sow Yaya is affiliated with Department of Advanced Studies, Institut Supérieur des Sciences et Médecine Vétérinaire and focuses on African Studies research in Africa.

Abstract

The Nile Basin is a critical water resource for Guinea, facing significant challenges due to climate change and population growth. A qualitative case study approach was employed to analyse existing literature and local governance structures. Findings indicate a need for improved water management policies that address both climate variability and socio-economic factors. The research highlights the importance of integrating traditional knowledge with modern water resource management techniques. Development of integrated water resources management plans tailored to local contexts should be prioritised.

Keywords: Nile Basin, Guinea, Water Scarcity, Conflict Studies, Sustainability Strategies, Anthropology of Water, Environmental Change Analysis

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