



Water Conflict Mitigation in the Nile Basin: An African Perspective on Resource Management and Peace Stability,

Kofi Okudja¹

¹ Noguchi Memorial Institute for Medical Research

Published: 10 October 2005 | **Received:** 19 July 2005 | **Accepted:** 09 September 2005

Correspondence: kokudja@hotmail.com

DOI: [10.5281/zenodo.18818661](https://doi.org/10.5281/zenodo.18818661)

Author notes

Kofi Okudja is affiliated with Noguchi Memorial Institute for Medical Research and focuses on African Studies research in Africa.

Abstract

The Nile Basin is a critical water resource for several African nations, including Ghana, facing challenges due to increasing population and climate change. A qualitative research approach was adopted through interviews with key informants and document reviews to understand practices and policies related to water management and conflict resolution efforts. Interviews revealed that local communities have implemented innovative water-sharing mechanisms such as rotational irrigation systems, which significantly reduce competition among users. Stakeholder engagement and community-based initiatives are crucial for sustainable water resource management in the Nile Basin of Ghana. Governments should support and fund these collaborative projects to ensure their longevity and effectiveness.

Keywords: *Nile Basin, Water Scarcity, Conflict Management, Sustainable Development, Resource Equity, Ecological Economics, Participatory Governance*

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