



# Water Scarcity and Conflict Mitigation in Egypt within the Nile Basin Context, 2009

Sayed Fathy Elkhoury<sup>1</sup>, Mina Al-Gamal<sup>2</sup>, Osama El-Hage<sup>3</sup>

<sup>1</sup> Zagazig University

<sup>2</sup> National Research Centre (NRC), Cairo

<sup>3</sup> Al-Azhar University

**Published:** 22 July 2009 | **Received:** 12 May 2009 | **Accepted:** 16 June 2009

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

**DOI:** [10.5281/zenodo.18900962](https://doi.org/10.5281/zenodo.18900962)

## Author notes

*Sayed Fathy Elkhoury is affiliated with Zagazig University and focuses on African Studies research in Africa.*

*Mina Al-Gamal is affiliated with National Research Centre (NRC), Cairo and focuses on African Studies research in Africa.*

*Osama El-Hage is affiliated with Al-Azhar University and focuses on African Studies research in Africa.*

## Abstract

Egypt faces significant water scarcity issues in its Nile Basin context, posing challenges to both economic and social stability. The study employs a comparative analysis of historical data from multiple sources including government reports and academic literature on Nile Basin governance. A key finding is that equitable water distribution agreements between upstream and downstream countries have mitigated localized conflicts, though implementation remains inconsistent. Effective conflict mitigation strategies require robust institutional frameworks for resource management and equitable stakeholder participation. Egypt should continue to advocate for regional cooperation mechanisms in the Nile Basin, particularly focusing on water rights and infrastructure development. Nile Basin, Water Scarcity, Conflict Mitigation, Institutional Frameworks

**Keywords:** *Geography, Nile Basin, Hydrology, Conflict Studies, Sustainability, Water Resources Management, Historical 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](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