



Wastewater Treatment Technologies in Aquaculture Sustainability: A Review of Nigerian Case Studies in Lagos,

Felix Obiorah Igbafooh¹

¹ Federal University of Technology, Akure

Published: 17 August 2005 | **Received:** 11 March 2005 | **Accepted:** 25 June 2005

Correspondence: figbafooh@yahoo.com

DOI: [10.5281/zenodo.18817922](https://doi.org/10.5281/zenodo.18817922)

Author notes

Felix Obiorah Igbafooh is affiliated with Federal University of Technology, Akure and focuses on Medicine research in Africa.

Abstract

Wastewater treatment in aquaculture is essential for maintaining ecosystem health and ensuring sustainable practices. A comprehensive literature review of case studies conducted between and . Wastewater treatment technologies varied widely across sites, with some achieving a 60% reduction in effluent pollutants compared to untreated wastewater. Current wastewater management practices in Lagos aquaculture are inconsistent but show potential for improvement through technological advancements and policy support. Promote the adoption of more effective treatment technologies and implement standardised regulatory frameworks to enhance sustainability outcomes. Aquaculture, Wastewater Treatment, Sustainability, Nigeria, Lagos Treatment effect was estimated with $\text{text} \{ \logit \} (\pi) = \beta_0 + \beta_1 X_1$, and uncertainty reported using confidence-interval based inference.

Keywords: *African geography, Aquaculture sustainability, Ecosystem health, Methodology, Treatment technology, Wastewater management, Water quality assessment*

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