African Public Space Design
(Planning/Social/Architecture)

Analysis of Optimizing Water Treatment Processes for Safe Drinking Water in Urban Egypt in Egypt: An African Perspective

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Abstract

This study addresses a current research gap in Engineering concerning Optimizing Water Treatment Processes for Safe Drinking Water in Urban Egypt in Egypt. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A qualitative approach was used, drawing on recent literature and policy sources to frame the analysis. The analysis indicates persistent structural constraints alongside emerging local innovations; however, evidence remains uneven across contexts and sectors. The paper argues for context-specific approaches and stronger empirical foundations in future research. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. Optimizing Water Treatment Processes for Safe Drinking Water in Urban Egypt, Egypt, Africa, Engineering, data descriptor This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.

Keywords: *Optimizing Water Treatment Processes for Safe Drinking Water in Urban Egypt, Egypt, Africa, Engineering*

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This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

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