

Utilisation of Ghanaian Red Mud in Fired Clay Bricks: Leaching Behaviour and Structural Integrity for Flood- Prone Accra

K, w, a, m, e, A, s, a, n, t, e, ,, K, o, f, i, A, d, o, m, a, k, o, ,, A, m, a, S, e, r,
w, a, h, M, e, n, s, a, h

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| Abstract

This study addresses a current research gap in African Studies concerning Utilization of red mud from Ghana's VALCO smelter in fired clay bricks for Accra flood-prone communities: leaching behavior and structural integrity in Ghana. 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. Utilization of red mud from Ghana's VALCO smelter in fired clay bricks for Accra flood-prone communities: leaching behavior and structural integrity, Ghana, Africa, African Studies, brief report This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.
