

A Spatio-Temporal Analysis of PM_{2.5} Dispersion and Its Association with Respiratory Hospital Admissions in Kampala, Uganda: A Survey for the Period

D, a, v, i, d, K, i, g, o, z, i, ,, A, i, s, h, a, N, a, l, w, o, g, a, ,, P, a, t, i, e, n, c, e, A, k, a, n, k, w, a, s, a

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| Abstract

This study addresses a current research gap in African Studies concerning Spatio-Temporal Analysis of Air Pollution (PM2.5) Dispersion and its Association with Respiratory Hospital Admissions in Casablanca in Uganda. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A mixed-methods design was used, combining survey and interview data collected over the study period. 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. Spatio-Temporal Analysis of Air Pollution (PM2.5) Dispersion and its Association with Respiratory Hospital Admissions in Casablanca, Uganda, Africa, African Studies, survey research

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