



Air Pollution Sources, Impacts, and Control Measures in Urban Lagos, Nigeria

Chibuzor Igwechukwu¹, Ikechi Nwakanma², Olurinwa Obiobi^{1,3}, Uche Anyakpala⁴

¹ Ladoke Akintola University of Technology (LAUTECH), Ogbomoso

² Department of Interdisciplinary Studies, University of Ibadan

³ University of Abuja

⁴ Department of Research, University of Abuja

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Correspondence: cigwechukwu@gmail.com

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Author notes

Chibuzor Igwechukwu is affiliated with Ladoke Akintola University of Technology (LAUTECH), Ogbomoso and focuses on Environmental Science research in Africa.

Ikechi Nwakanma is affiliated with Department of Interdisciplinary Studies, University of Ibadan and focuses on Environmental Science research in Africa.

Olurinwa Obiobi is affiliated with Ladoke Akintola University of Technology (LAUTECH), Ogbomoso and focuses on Environmental Science research in Africa.

Uche Anyakpala is affiliated with Department of Research, University of Abuja and focuses on Environmental Science research in Africa.

Abstract

Urban Lagos faces significant air pollution challenges due to rapid industrialization and vehicular emissions. A systematic review of peer-reviewed articles from databases including Web of Science and Scopus, focusing on studies published between and . Keywords included 'air pollution', 'Lagos', 'urban air quality', and 'control measures'. Findings indicate that vehicular emissions are the primary source of urban air pollution in Lagos, accounting for approximately 65% of total pollutants. Urban planning interventions such as implementing congestion charges and promoting public transportation have shown promise in mitigating air pollution. Policy-makers should prioritise the enforcement of emission standards for vehicles and promote sustainable urban development strategies to improve air quality. The empirical specification follows $Y = \beta_{0+\beta}^{-} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: Air Quality, Lagos, Nigeria, Urban Studies, Atmospheric Sciences, Environmental Policy, Industrialization

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