



Theoretical Foundations for Urban Mobility Solutions in Nairobi's Pedestrian and Cyclist Network: A Road Safety and Public Health Perspective

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Abstract

Urban mobility solutions in Nairobi's pedestrian and cyclist network are essential for enhancing road safety and public health outcomes. The need to address these issues is particularly acute given the growing urban population and increasing vehicular traffic. The study will not involve empirical results but will instead explore existing literature and theoretical frameworks related to urban mobility and public health in African cities. This theoretical framework article provides a solid foundation for future research and policy development aimed at improving urban mobility solutions for pedestrians and cyclists in African cities. Future research should focus on replicating the findings with empirical data, while policymakers could consider implementing similar infrastructure improvements to enhance safety and health outcomes in Nairobi's urban core.

Keywords: *African Geography, Pedestrian Networks, Cyclist Infrastructure, Road Safety Studies, Public Health Metrics, Mobility Models, Spatial Analysis*

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