



Eco-Cities Model in Coastal Kenyan Towns: Impact Assessment and Community Satisfaction

Francis Oleche^{1,2}, Nancy Mugo³, Oscar Ngugi³

¹ Jomo Kenyatta University of Agriculture and Technology (JKUAT)

² Kenyatta University

³ Department of Advanced Studies, Jomo Kenyatta University of Agriculture and Technology (JKUAT)

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Correspondence: foleche@yahoo.com

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Author notes

Francis Oleche is affiliated with Jomo Kenyatta University of Agriculture and Technology (JKUAT) and focuses on African Studies research in Africa.

Nancy Mugo is affiliated with Kenyatta University and focuses on African Studies research in Africa.

Oscar Ngugi is affiliated with Department of Advanced Studies, Jomo Kenyatta University of Agriculture and Technology (JKUAT) and focuses on African Studies research in Africa.

Abstract

The adoption of eco-cities models in coastal Kenyan towns aims to address environmental degradation and improve community living conditions. A mixed-methods survey approach was employed, combining quantitative data from questionnaires with qualitative insights through interviews to gather comprehensive information. Community members reported a significant improvement in air quality (75% of respondents) and water cleanliness (60% of respondents), indicating the model's effectiveness in enhancing environmental conditions. The eco-city model has been well-received by communities, with high levels of satisfaction noted across various aspects including green spaces and waste management initiatives. Future research should investigate long-term sustainability impacts and explore scalability of the eco-city model to other coastal areas in Kenya.

Keywords: *Coastal, Geopolitics, Sustainability, Livability, Participatory, Methodology, Urbanization*

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