



Original scientific paper

Influence of Green Infrastructure on Residents' Endorsement of the New Ecological Paradigm in Lagos, Nigeria

^{1*}Dr. Adedotun Ayodele Dipeolu   , ² Professor Dr. Eziyi Offia Ibem   

³ PhD candidate Olusegun Ayotunde Oriola 

¹ and ³ Department of Architecture, College of Engineering and Environmental Studies, Olabisi Onabanjo University, Ogun State, Nigeria

² Department of Architecture, Faculty of Environmental Studies, University of Nigeria, Enugu State, Nigeria.

¹ E-mail: dipeolu.adedotun@oouagoiwoye.edu.ng, ² E-mail: eziyi.ibem@unn.edu.ng, ³ E-mail: ao.oriola@oouagoiwoye.edu.ng

ARTICLE INFO:

Article History:

Received: 24 February 2022

Revised: 15 June 2022

Accepted: 29 June 2022

Available online: 6 August 2022

Keywords:

Environmental attitudes;
Green infrastructure;
Residents' endorsement
New ecological paradigm;
Lagos metropolis;
Pro-environmental behaviour.

This article is an open-access article distributed under the terms and conditions of the Creative Commons Attribution 4.0 International (CC BY 4.0)



Publisher's Note:

Journal of Contemporary Urban Affairs stays neutral with regard to jurisdictional claims in published maps and institutional affiliations.

ABSTRACT



Given the significance of green infrastructure in enhancing social, economic and ecological sustainability of the built environment, it is important to unearth how green infrastructure can influence pro-environmental behaviours among the urban population. This research assessed the influence of green infrastructure on residents' endorsement of the New Ecological Paradigm (NEP) in Lagos Metropolis, Nigeria. A total of 1560 residents recruited through the multi-stage sampling technique participated in the survey, and the data gathered were subjected to descriptive and regression analyses. The participants generally felt that the available green infrastructure in their neighbourhoods was of low quality and rapidly disappearing, but it positively influenced all the key variables of the NEP and its endorsement. The size of neighbourhood green spaces, availability of green spaces for relaxation and its proximity to the people were found to be the three attributes of green infrastructure with the most noticeable influence on residents' endorsement of NEP. This study implies that the availability and accessibility of a reasonable quantity of green areas within urban neighbourhoods can enhance a better understanding of the role of green infrastructure and promote favourable environmental behaviours among the urban population within and outside Nigeria.

JOURNAL OF CONTEMPORARY URBAN AFFAIRS (2022), 6(2), 159-173.

<https://doi.org/10.25034/ijcua.2022.v6n2-4>

www.ijcua.com

Copyright © 2022 by Dr. Adedotun Ayodele Dipeolu, Professor Dr. Eziyi Offia Ibem, PhD candidate Olusegun Ayotunde Oriola.

1. Introduction

With the alarming rate of environmental challenges, it is important to intensify efforts that can promote a better understanding of the environment and engender positive ecological behaviours among the urban population across

*Corresponding Author:

Department of Architecture, College of Engineering and Environmental Studies, Olabisi Onabanjo University, Ogun State, Nigeria .

Email address: dipeolu.adedotun@oouagoiwoye.edu.ng

How to cite this article:

Dipeolu, A. A., Ibem, E. O., & Oriola, O. A. (2022). Influence of Green Infrastructure on Residents' Endorsement of the New Ecological Paradigm in Lagos, Nigeria. *Journal of Contemporary Urban Affairs*, 6(2), 159-173. <https://doi.org/10.25034/ijcua.2022.v6n2-4>