

## **An Appraisal of the Knowledge Attitude and Practice (Kap) on Plastic Waste Pollution as a Resilience Pathway for Mitigating Climate Change Case of Durumi 1 Urban Slum Area of Abuja Nigeria**

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**Abstract :** Background: Plastics in their various forms have become ubiquitous in a very short space of time. This ubiquitous nature has plagued and daunted nations globally, overwhelming their ability to manage the environmental impact, especially its linkages to climate change. This has mobilized nations globally and triggered debates on the best approaches to ensure sustainability in terms of its production and utilization, as total elimination seems unrealistic. Objective: This study undertook to understand the pattern of plastic waste management, and its pollution awareness levels by the residents of the study area. Methods: Data were obtained through questionnaires designed specifically for plastic waste and qualitatively via journals and articles. Simple descriptive survey techniques with a survey population size of 300 respondents using kobo collect were employed. Results: Analysis based on disaggregated data indicated a proportionate distribution among male and female respondents (53% male and 47% female, respectively). Overall awareness levels on plastic waste's contribution to climate change, compared to its environmental impact, are reflective of a dire need for increased efforts in strengthening awareness creation, especially across gender populations and religious backgrounds. Drainage blockage topped the ranks among common problems caused by plastic waste within the area. Various plastic waste disposal methods were ranked, while pro-environmental measures for reducing the waste menace showed more willingness from males at 52%. Conclusion: These outcomes are instructive and suggest the need for renewed and increased awareness/education on the nexus of plastic pollution to climate change and also appropriate synergies/collaboration between government, private sector, and local communities, especially in the area of recycling to improve sustainability in plastic waste management.

**Keywords :** plastic waste, KAP, climate change, Nigeria

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