

Environmental Sustainability and Waste Management Practice in Nigeria: Reconnoitering Local Training and Beneficiations

Okafor Jude Aniemeka

Department of Operations Management
University of Johannesburg
South Africa

jokafor@uj.ac.za, jaokafor@gmail.com

Prof. Charles Mbohwa

Department of Operations Management
University of Johannesburg
South Africa

cmbohwa@uj.ac.za

Dr. Walter Musakwa

Department of Town and Regional Planning
University of Johannesburg
South Africa

wmusakwa@uj.ac.za

Dr. Precious Toby Nwachukwu

tobynwachuks@gmail.com

This paper seeks to examine how communities value the diversity of environmental sustainability and waste management at Aba, Abia State Nigeria. The issues surrounding problems of enlightening and beneficiation accrue to waste management practice and sustainability is linked to adoptive-collective management. As such, the eco-system outlook is concomitant to socio-political and socio-cultural patterned of the communities' livelihoods in the addressing of environmental sustainability and the protection of habitat. Using a quantitative data from an on-site research survey to solicit views, the study utilised the Univariate Analysis of Variance (UNIANOVA) comprising the Tests of Between-Subjects Effects and engaged the Pearson Chi-square Likelihood Ratio and Linear Association for Assumption Significance two sided, while the Symmetric Approximate Significance measures was utilised as Post Hoc Tests of Multiple comparisons were garnered. Findings demonstrated that the patterns of combating and preservation methods stirred to assist in poverty alleviation, created entrepreneurial ventures and the motivation for residents' involvement in self-help training. Recommendations were made including the several areas of combating environmental challenges and collective adaptation for waste management and environmental sustainability.

Key words: *Aba, Benefits, Environment, Sustainability, Waste management*