

Evolution of Sustainable Municipal Solid Waste Management in Nigeria: Lagos Case Study

Authors : Chinedu Bevis Dibia, Hom Nath Dhakal

Abstract : Effective waste management in sub-Saharan Africa has been identified as a means of resolving the wicked problems posed by climate change. Municipal solid waste management in Nigeria could be argued to be ineffective and unsustainable, despite the tag of sustainable ascribed to most municipalities' waste management. Relatively, few studies have enquired on the evolution of Sustainable Municipal Waste Management (SMWM) in Nigeria. The main objective of this research is to examine the evolution of SMWM in Nigeria using Lagos state as a case study. A qualitative method was used as methodology, soft systems analysis is the main tool of evaluation. Results indicated that effective policy implementation and management is the main challenge to the proper evolution of SMWM. These findings highlight the relevance of effective stakeholder's engagement and management, policy consistency as major determinants in SMWM.

Keywords : high income localities, low middle income localities, SMWM, upper middle income localities, waste collection, waste disposal

Conference Title : ICEESWM 2019 : International Conference on Environmental Engineering and Solid Waste Management

Conference Location : London, United Kingdom

Conference Dates : February 14-15, 2019