

Effect of Urban Solid Waste Management Practices on the Sustainability of Urban Infrastructure in Sokoto Metropolis

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Abstract : Urban solid waste management is a critical issue affecting the sustainability of urban infrastructure globally. In rapidly growing cities like Sokoto metropolis inefficient waste management practices led to significant environmental and economic challenges. The research aimed at assessing the effect of waste management practices on the sustainability of urban infrastructure in Sokoto. It also includes assessing the current state of solid waste management practices and its impact on the sustainability of sokoto urban infrastructure. The methodology adopted both primary and secondary sources of data. The targeted population include the staff of SUDA, STEPA and some of the resident in the metropolis. Descriptive method was adopted in the analysis and presentation of data. The study revealed that the waste management practice adopted in sokoto metropolis was very poor as its associated with poor funding, no availability of sufficient vehicles, bad attitude of resident upon waste disposal which led to blockage of streets and water channels which can subsequently lead to flood. The study recommended that the state government need to increase in funding the relevant authority and also provide the waste dumping sites as well as modern vehicles and equipment to ensure effective solid waste management and disposal.

Keywords : waste, infrastructure, sustainability, management, S, sustainability, solid waste, urban infrastructure

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