

Efficient Management of Household Solid Waste (Atbara City Experience)

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Abstract:

This paper tackled the efficiency of household solid waste management in Sudanese cities who have recently become overpopulated and urbanized in the last decade, which caused many environmental problems. That development was followed in tandem by the local authorities, where there is no providing for financial and human supports. One of the paper's aim is to know Atbara's experience in dealing with that issue, especially solid waste of household. This is beside knowing the scientific principles that have to be followed to tackle the matter. The problem existence is mainly due to two considerations. The direct and instant reflections that result from the problem, and the second is that waste removal is a primarily authority's responsibility's in the target locality. Methods that were used for data collection and analysis are the descriptive analytical as well as the statistical method. This is besides the observation tool through the field work. A questionnaire and an interview were also implemented as extra tools. The study concluded that there is a lack of financial and human resources that are being used besides lack of environmental awareness and responsibility of the citizens. The most important recommendation is the necessity of making project proven experience for training workers and work on the dissemination of environmental culture.

Keywords: Solid wastes, harmful wastes, wastes management, Atbara cleaning scheme.