

ASSESSMENT OF WASTE MANAGEMENT IN MARKET PLACES IN MOROGORO MUNICIPAL, MOROGORO REGION

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ABSTRACT

This paper aimed to analyze types of solid waste generated in market places, the costing of solid waste collection from the market places to dumpsites and the capacity of the solid waste collection's agent. The paper adopted a case study design in order to understand the situation in depth and get more accurate data. A sample size of 60 respondents was drawn using simple random sampling so as to avoid biases and meet many respondents. Questionnaires, interviews and observation were used to collect data, and data collected were analyzed by using Statistical Package of Social Sciences (SPSS) as well as Capacity Performance Index (CPI) tool and presented in tables and figures. The findings revealed that the types of solid waste generated are paper, food remnants, plastics and rag but mostly are plastics and the most dangerous wastes are food remnants because they are easy to get rotten and cause air pollution as there are some diseases that may occur. Also people tend to pay for solid wastes though they are not satisfied with the rate of waste disposal from those collection agents. And the capacity of waste collections agents was pleasing since only one group scored higher than others three hence make difficulties in managing waste because the rate of waste generated is higher than the capacity of agents to collect wastes. The paper recommended that, the frequency of collection of solid waste should be at least thrice a week and mostly in market places, the local government should enact by-laws that guide people on how to dispose wastes, the agents of waste collection should be promoted or learn from the group that perform well so as to collect wastes in proper way.

Keywords: Waste management, market places, Capacity Performance Index.