

UNIVERSITI TEKNOLOGI MARA

**ASSESSING PUBLIC
PARTICIPATION TOWARD
SOLID WASTE MANAGEMENT
IN MELAKA**

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ABSTRACT

A study was conducted in order to evaluate the strategies that has been used in engaging public participation toward an solid waste management. Melaka state was selected for this study due to the imposition of Solid Waste Management and Public Cleansing Act 2007 (Act 672) on several states in Malaysia. The study used quantitative approaches in data analysis. Purposive sampling were used to obtain selected samples of local citizen from residence area within different zone under several municipal council administration area in Melaka that adopted Act 672 and already involved in program that are prepared by the related agencies of solid waste management and public cleansing services. Later, simple random sampling is chosen based on the 384 sample of respondent whereby each sample for each council which is MBMB, MPHTJ, MPAG and MPJ which represented by 25% of representative council. Finally, the data collected from sample were analysed using and SPSS software version 24.0. Results of the study indicated that public education used as the main strategies to develop any program and plan to engage public participation toward solid waste management. Meanwhile, incentives as well as law enforcement and penalty were used as a basis strategy to initiate public participation in a short term solid waste management program. The study also indicated that any solid waste management program must encounters two level of public participation. Hence, it can ensure effectiveness and efficiency of solid waste management program and plan. Therefore, it can be concluded that the current strategies implemented by authorities indicate as a good starting to nurture empowerment among the entire public participation in solid waste management activities, programs and plans.

Keywords: Solid Waste Management, Public Participation, Act 672, Level of Participation

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