

# SELECTED READINGS ON ENVIRONMENTAL ECONOMICS

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Jarita Duasa



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*Edited by  
Jarita Duasa*



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## CHAPTER 2

### Household solid waste characteristics and management in Gombak, Malaysia

*Muhammad Mehedi Masud, Rafia Afroz*

#### ABSTRACT

*In order to distinguish and estimate household solid waste management in Gombak, Malaysia, the present study examines few important aspects, such as waste generation of each household per day and household's attitudes and perception towards waste management. This study focuses on the existing waste management in Gombak, Malaysia. A structured questionnaire survey was conducted for these purposes. In methodology, this study employs Ordinary Least Square (OLS) method to study the relationship between waste generation per month and households' socio-economic characteristics, namely household's income, education, family size and environmental consciousness.*

*Keywords:* Household Solid Waste Management, Waste Generation, Gombak, Malaysia, Ordinary Least Square (OLS).

#### 2.1 INTRODUCTION

Rapid developments and industrialization in Malaysia necessitate a better and more efficient waste management strategy. The mushrooming of urban areas and rural-urban migration has increased the per capita income due to changes in the consumption patterns that led to increased waste generation (Fauzia et al., 2004). Solid waste