

**A COMPENDIUM OF URBAN AND
REGIONAL PLANNING STUDIES
IN THE BUILT ENVIRONMENT
OF MALAYSIA**

MARIANA MOHAMED OSMAN
SYAHRIAH BACHOK
MOHAMMAD ABDUL MOHIT
MANSOR IBRAHIM



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INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

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CHAPTER 9

THE AWARENESS AND PRACTICES OF 3R AMONG STUDENTS TOWARDS WASTE REDUCTION

Mariana Mohamed Osman and Siti Rohayu Yusof

ABSTRACT

The first 3R campaign was launched in late 1980s that focused mainly on the recycling activities. However, until now it fails to improve the existing waste management practice. In 2001, Ministry of Housing and Local Government made initiatives to re-launch the 3R program in order to increase the level of awareness on the importance of 3Rs. The 3R principle was established to improve waste management system as Malaysia is facing problems on the scarcity of landfills area. The National Recycling Target is 22% of the total solid waste can be recycled by the year 2020. It is believed that 3R also can boost economic activities, prevent the loss of resources and most importantly can contribute towards sustainable development as it can reduce the environmental impacts from waste disposal. In addition, it can reduce the usage of natural resources. The ultimate goal for this research is to study the awareness and practices of 3R program among students towards waste reduction to have a good perception and understanding of planning through environmental control. This study involved 100 respondents among IIUM students and the method that was used in this study are questionnaire and site observation. All the data findings are presented in pie chart, tables and bar chart. This research was undertaken to look upon students' awareness and practices of the 3R concept towards waste reduction in IIUM and several recommendation are made to overcome some issues and problems that have been identified throughout the study.

INTRODUCTION

The relationship between men with environment is one of the elements in Total Planning Doctrine (TPD). From the Islamic views on environment, the concept of environment is described as below:

'And the earth We spread out, set therein mountains firm and immovable and produced therein all kinds of things in due balance' *(Quran 16:19)*

'If we feel safe on land, it is because God has made this earth amenable, manageable and serviceable to us' *(Quran 67:15)*