



UNIVERSITI
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TERENGGANU

THE ACCEPTANCE OF FOOD WASTE
INNOVATION PRODUCTS AMONG
HOUSEHOLDS IN KUALA LUMPUR

By,

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ABSTRACT

Food waste has been a worldwide concern for several decades due to growing evidence that municipal waste generation has increased globally and locally in recent years. Food waste to be recognized as a complex issue that affects the world's sustainable development, including the environment, economy, and society. In 2015, the total food waste had reached approximately 33% in Southeast Asia, including Malaysia. Therefore, the purpose of this paper is to identify the factors that affect food waste innovation products among households and to determine to what extent food waste innovation products can reduce wastage in Malaysia. The quantitative method was applied through online questionnaire survey distributed to respondents that were randomly selected in Kuala Lumpur and total about 213 questionnaires were completed and returned with reliable and meaningful results. The results clearly show that knowledge and behavior positively affect the acceptance of food waste innovation products among households. Besides, it was found that the households in Kuala Lumpur show the positive feedback on the notion of food waste innovation products can be a viable option in reducing food waste in our country. Hence, the results of this study may contribute to sustaining the environment and landfills by reducing greenhouse gas emissions and global warming. Other than that, this study is essential in creating the business opportunities among households and food industry by converting the food waste into innovative products such as animal feed, microbial fertilizer, compostable vase, eco- friendly packaging, renewable energy and selling them to the third parties. Thus, the business opportunities may encourage the households to gain income, improve the economy, sustain the environment as well as reducing the Malaysia's landfills issue.

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NUR NADIAH HAFIZAH BINTI HARUN

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TABLE OF CONTENTS

Chapters	Contents	Pages
	<i>Abstract</i>	i
	<i>Acknowledgements</i>	ii
	<i>Table of Contents</i>	iii
	<i>List of Figures</i>	iv
	<i>List of Tables</i>	vii
1	INTRODUCTION	1
	1.1 Background of the Study	1
	1.2 Problem Statement	3
	1.3 Research Objectives	5
	1.4 Research Questions	5
	1.5 Research Framework	5
	1.6 Significant of the Study	6
	1.7 Definition of Key Terms	8
2	LITERATURE REVIEW	10
	2.1 Overview	10
	2.2 Waste Management	10
	2.2.1 Waste Management Among Household	11
	2.3 Factors that Affect the Acceptance of Food Waste Innovation among Households	12
	2.3.1 Knowledge	12
	2.3.2 Behavior	14
	2.4 Impact	16
	2.4.1 Environmental Impact of Food Waste	16
	2.4.2 Economics Costs of Food Waste	16
	2.4.3 Social Losses Caused by Food Waste	17
	2.5 The Acceptance of Food Waste Innovation Product	18

3	METHODOLOGY	20
	3.1 Overview	20
	3.2 Research Design	20
	3.3 Population and Sampling	21
	3.4 Research Instrument Design and Pre-Testing	22
	3.5 Questions used in Section A of the Questionnaire	23
	3.6 Questions used in Section B of the Questionnaire	24
	3.7 Question used in Section C of the Questionnaire	26
	3.8 Data Collection Procedure	27
	3.9 Assessment of Internal Reliability	28
	3.10 Research Ethics Considerations	29
4	ANALYSIS AND RESULT/FINDING	31
	4.1 Overview	31
	4.2 Quantitative Analysis and Discussion	32
	4.2.1 Respondents' demographic distribution	33
	4.2.2 Procedure of analysis	36
	4.2.2.1 Descriptive statistical analysis on Knowledge and Behaviour	37
	4.2.2.2 Analysis between Knowledge and Demographic factor of gender using Chi-Square Test	39
	4.2.2.3 One Way Analysis of Variance (ANOVA) of Behaviour and acceptance variables	42
5	DISCUSSION AND CONCLUSION	46
	5.1 Overview	46
	5.2 Summary of Findings	47
	5.3 Limitations of the Study and Recommendation for Future Research	51
	5.4 Implication, Contribution, and Conclusion	52
	REFERENCES	55