

UNIVERSITY TECHNOLOGY MARA

FACULTY OF ADMINISTRATIVE SCIENCE & POLICY STUDIES



**FACTORS INFLUENCING RECYCLING INTENTION AMONG MALAYSIAN
STUDENTS**

NUR AYUNIE BINTI RUSMIZI

2020985513

NATASYA AINA BINTI MD BAZLI

2020724867

FEBRUARY 2022

ACKNOWLEDGEMENT

In the name of Allah, the Most Gracious and the Most Merciful, Alhamdulillah all praises to Allah for the strengths and His blessing in completing this thesis.

Special appreciation goes to our supervisor, Dr. Nurul Hidayana binti Mohd Noor, for her supervision and constant support. Her invaluable help of constructive comments and suggestions have contributed to the success of this research proposal. Her vast knowledge and experience have helped us enormously to complete this project. Despite her busy schedules and commitments, she was always around to help us with her invaluable and noble advice and guidance. Her patience, thoughtfulness, and politeness in dealing with this project is something left to be greatly admired. Indeed, it has been a great privilege having her as our supervisor.

Deepest gratitude to our beloved parents, Rusmizi bin Abdullah and Nor Hasnida binti Mamat, Md Bazli bin Yahya and Juliana binti Hussin, for their inseparable support and prayers. Not forgotten, our acknowledgement also goes to our family members and friends for their support to complete this research proposal.

Finally, we would like to thank everybody who indirectly contributed in this research, your kindness means a lot us. Thank you very much.

ABSTRACT

The study investigated the factors influencing recycling intention among Malaysian students which are attitude, knowledge, past behaviour, and subjective norm on the recycling intention among Malaysian students. This research used a convenience sampling involving 300 students in the public and private universities. This research is intended to establish the vital relationship between independent variables and dependent variables. This study indicates that the attitude, knowledge, past behaviour, and subjective norm have an important relationship with recycling intention. In this study, the survey approach employing a questionnaire was used to provide the researcher with a successful insight into the issue. Therefore, the findings of this study demonstrate that there is a positive relationship between attitude, knowledge, past behaviour, and subjective norm on recycling intention.

TABLE OF CONTENTS

| | |
|---|------|
| DECLARATION..... | I |
| ACKNOWLEDGEMENT..... | II |
| ABSTRACT..... | III |
| ABSTRAK..... | IV |
| LIST OF TABLES..... | VIII |
| LIST OF FIGURE | IX |
| LIST OF APPENDICES | X |
| | |
| CHAPTER 1: INTRODUCTION..... | 1 |
| 1.0 INTRODUCTION | 1 |
| 1.1 RESEARCH BACKGROUND..... | 1 |
| 1.2 PROBLEM STATEMENT | 4 |
| 1.3 RESEARCH OBJECTIVES | 6 |
| 1.4 RESEARCH QUESTIONS..... | 6 |
| 1.5 SCOPE OF STUDY..... | 7 |
| 1.6 SIGNIFICANCE OF THE STUDY..... | 7 |
| 1.6.1 University..... | 7 |
| 1.6.2 Students..... | 7 |
| 1.6.3 Public | 7 |
| 1.6.4 Department of Environment (DOE)..... | 8 |
| 1.7 DEFINITION OF TERMS, TERMINOLOGY, AND CONCEPTS | 8 |
| 1.7.1 Attitude | 8 |
| 1.7.2 Knowledge | 8 |
| 1.7.3 Past Behaviour | 8 |
| 1.7.4 Subjective Norm | 8 |
| 1.7.5 Recycling | 9 |
| 1.8 SUMMARY OF THE CHAPTER..... | 9 |
| | |
| CHAPTER 2: LITERATURE REVIEW & CONCEPTUAL FRAMEWORK..... | 10 |
| 2.1 INTRODUCTION | 10 |
| 2.2 RECYCLING..... | 10 |
| 2.2.1 Definition Recycling..... | 10 |
| 2.2.2 How to Recycle Waste Materials..... | 11 |
| 2.2.3 Category of Recycling | 14 |

| | | |
|--|---|----|
| 2.2.4 | Benefits of Recycling..... | 15 |
| 2.3 | THEORY OF PLANNED BEHAVIOUR IN DETERMINING RECYCLING INTENTION | 17 |
| 2.4 | FACTORS INFLUENCE RECYCLING INTENTION | 19 |
| 2.4.1 | Attitude | 19 |
| 2.4.2 | Knowledge | 19 |
| 2.4.3 | Past Behaviour | 21 |
| 2.4.4 | Subjective Norm | 22 |
| 2.5 | CONCEPTUAL FRAMEWORK | 24 |
| 2.6 | HYPOTHESES DEVELOPMENT..... | 25 |
| 2.6.1 | The Relationship Between Attitude and Recycling Intention..... | 25 |
| 2.6.2 | The Relationship Between Knowledge and Recycling Intention..... | 25 |
| 2.6.3 | The Relationship Between Past Behaviour and Recycling Intention..... | 26 |
| 2.6.4 | The Relationship Between Subjective Norm and Recycling Intention..... | 27 |
| 2.7 | SUMMARY OF THE CHAPTER..... | 28 |
| CHAPTER 3: RESEARCH METHODOLOGY | | 29 |
| 3.1 | INTRODUCTION | 29 |
| 3.2 | RESEARCH DESIGN | 29 |
| 3.3 | UNIT OF ANALYSIS | 29 |
| 3.4 | SAMPLE SIZE | 29 |
| 3.4 | SAMPLING TECHNIQUE | 30 |
| 3.5 | MEASUREMENT | 30 |
| 3.6 | DATA COLLECTION | 32 |
| 3.7 | DATA ANALYSIS..... | 33 |
| 3.7.1 | Preliminary Analysis..... | 33 |
| 3.7.1.2 | Test of Normality..... | 33 |
| 3.7.1.3 | Reliability Analysis..... | 33 |
| 3.7.1 | Testing of the Hypotheses..... | 34 |
| 3.7.1.1 | Pearson Correlation..... | 34 |
| 3.7.1.2 | Multiple Regression | 34 |
| 3.8 | SUMMARY OF THE CHAPTER..... | 35 |
| CHAPTER 4: FINDINGS | | 36 |
| 4.0 | INTRODUCTION | 36 |
| 4.1 | DEMOGRAPHIC PROFILE | 36 |
| 4.2 | PRELIMINARY ANALYSES | 37 |