# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Table/Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TABLE OF CONTENTS</td>
<td>i</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td>iv</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENTS</td>
<td>v</td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td>vi</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td>viii</td>
</tr>
<tr>
<td>LIST OF APPENDIX</td>
<td>viii</td>
</tr>
</tbody>
</table>

**CHAPTER 1  BACKGROUND**

1.1 Introduction                                      | 1    |
1.2 Problem Analysis                                  | 4    |
1.3 Importance of Study                               | 5    |
1.4 Study Objectives                                  | 6    |
1.5 Literature Review                                 | 6    |
1.5.1 Household Waste Behaviour                      | 7    |
1.5.2 Municipal Waste Management                     | 8    |
1.5.3 Squatter Communities                           | 9    |
1.5.4 Mechanisms and Participation                   | 10   |
1.6 Framework of Study                                | 11   |

**CHAPTER 2  RESEARCH DESIGN AND STUDY AREAS**

2.1 Introduction                                      | 13   |
2.2 Research Framework                               | 13   |
2.3 Research Design                                  | 17   |
2.3.1 Sample and Questionnaire Design                | 17   |
2.3.2 Formatting Data Set and Cleaning                | 18   |
2.4 Methods of Analysis                              | 18   |
2.5 Brief Description of Survey                      | 21   |
2.6 Profile of Respondents                           | 23   |
2.6.1 Characteristics of Living Quarters             | 24   |
CHAPTER 3  HOUSEHOLD WASTE DISPOSAL OPINION AND PRACTICES

3.1 Introduction 26
3.2 Amount of Household Wastes 26
3.3 Content of Household Wastes 30
3.4 Person In Charge of Waste Disposal 32
3.5 Environmental Practices in Waste Disposal 33
   3.5.1 Separation of Unwanted Items 33
   3.5.2 Items Separated 34
   3.5.3 Handling Unwanted Items 35
   3.5.4 Recycling Practices 36
3.6 Opinion of Waste Disposal Practices 39
3.7 Conclusion 42

CHAPTER 4  ENVIRONMENTAL AWARENESS, ATTITUDE AND PARTICIPATION

4.1 Introduction 44
4.2 Environmental Awareness and Knowledge 44
   4.2.1 Effects of Pollution 44
   4.2.2 Knowledge of Outcome of Household Waste 46
4.3 Environmental Attitude and Practice 48
   4.3.1 Environmental Criteria in Product Usage 48
   4.3.2 Buying Used Items 49
   4.3.3 Environmental Practices When Shopping 51
   4.3.4 Air Pollution 52
4.4 Opinion on Environmental Issues 56
   4.4.1 Environmental Participation 57
   4.4.2 Benefits of Tree Planting 60
4.5 Community Involvement and Participation in Environmental Activities 62
   4.5.1 Maintenance of Public Areas 62
   4.5.2 Role in Environmental Protection 64
4.6 Information on Environmental Issues 65
4.7 Conclusion 67
CHAPTER 5  UNDERSTANDING ENVIRONMENTAL PARTICIPATION

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1 Introduction</td>
<td>69</td>
</tr>
<tr>
<td>5.2 A Multivariate Framework</td>
<td>69</td>
</tr>
<tr>
<td>5.3 Results of Analysis</td>
<td>73</td>
</tr>
<tr>
<td>5.4 Policy and Programme Implications</td>
<td>75</td>
</tr>
<tr>
<td>5.5 Further Studies</td>
<td>76</td>
</tr>
</tbody>
</table>

CONCLUSION

References  78
Appendix    80