

**PUBLIC PARTICIPATION AND SOLID WASTE
MANAGEMENT DEVELOPMENT: A
COMPARATIVE STUDIES BETWEEN INDONESIA
AND THE PHILIPPINES**

A THESIS



UMY

**UNIVERSITAS
MUHAMMADIYAH
YOGYAKARTA**

Unggul & Islami

Written by:

LUBNA SALSABILA

20191040017

**DUAL DEGREE PROGRAM – GRADUATE SCHOOL
UNIVERSITAS MUHAMMADIYAH YOGYAKARTA
MINDANAO STATE UNIVERSITY – ILIGAN INSTITUTE
OF TECHNOLOGY**

2021

**PUBLIC PARTICIPATION AND SOLID WASTE
MANAGEMENT DEVELOPMENT: A
COMPARATIVE STUDIES BETWEEN INDONESIA
AND THE PHILIPPINES**

A THESIS

Presented to
the Graduate School of
Master of Government Affairs and Administration
Universitas Muhammadiyah Yogyakarta
Indonesia
and
Master of Public Administration
Mindanao State University – Iligan Institute of Technology
the Philippines

As a Fulfillment
of the Requirements for the Degree

**MASTER OF GOVERNMENT AFFAIRS AND
ADMINISTRATION
&
MASTER OF PUBLIC ADMINISTRATION**

LUBNA SALSABILA

20191040017

Table of Content

Table of Content.....	i
List of Figure	iii
List of Table.....	iv
List of Abbreviation.....	v
PERNYATAAN KEASLIAN.....	vi
HALAMAN PENGESAHAN PEMBIMBING.....	vii
HALAMAN PENGESAHAN TESIS	viii
SURAT KETERANGAN PERSETUJUAN REVISI UJIAN THESIS	ix
PENGESAHAN PROGRAM STUDI.....	xi
ABSTRACT.....	xii
CHAPTER ONE: INTRODUCTION	1
1.1. Background	1
1.2. Research Questions.....	7
1.3. Research Objectives.....	8
1.4. Scope and Limitation of Study.....	8
CHAPTER TWO: A LITERATURE REVIEW AND CONCEPTUAL	10
2.1. A Literature Review.....	10
<i>Public Participation: Attitude and Awareness towards Government Policy</i>	10
<i>Solid Waste Management as a Governance Issue</i>	23
<i>Solid Waste Management and Local Governance</i>	30
<i>Solid Waste Management and Public Participation</i>	38
2.2. Summary and Significant of the Study	44
2.3. Conceptual Framework.....	48
2.4. Operational Definition.....	50

CHAPTER THREE: RESEARCH METHOD AND DESIGN	52
3.1. Research Methodology	52
3.2. Defining Eligibility Criteria	56
3.3. Type of Data	58
3.4. Literature Selection	60
3.5. PRISMA Flow Diagram	62
3.6. Data Analysis Technique	64
CHAPTER FOUR: FINDINGS AND DISCUSSION	66
4.1. Solid Waste Management Regulation in	66
4.2. Solid Waste Management Implementation in	75
4.3. Public Participation on Solid Waste Management in	84
CHAPTER FIVE: CONCLUSION AND SUGGESTION	94
REFERENCES.....	98

List of Figure

Figure 2. 1. Network Visualization	48
Figure 3. 1. PRISMA Flow Diagram of Research	62
Figure 4. 1. Production and Volume of Waste Transported Per Day in	67
Figure 4. 2. Word Cloud Analysis on Law No18/2008	68
Figure 4. 3. The Philippines' Waste Generation Average	71
Figure 4. 4. Word Cloud Analysis on the Republic Act No. 9003	72
Figure 4. 5. Volume of Waste (tons) in Piyungan Landfill.....	77
Figure 4. 6. GMA Public Affairs Reporter's Notebook Sentiment.....	79
Figure 4. 7. Jaccard's Coefficient Analysis of SWM Problem in Yogyakarta	86
Figure 4. 8. Jaccard's Coefficient Analysis of SWM Problem in Iligan City.....	89
Figure 4. 9. Crosstab Query Analysis of SWM in Yogyakarta and Iligan City.....	91

List of Table

Table 1. 1. Project Components Report by City Mayor on 2012.....	80
Table 2.1. Literature Review on Public Participation and	46
Table 2. 2. VOSviewer Clustering	49
Table 2. 3. Indicators on Public Participation in SWM	51
Table 3. 1. SPIDER Framework Application	56
Table 3. 2. Local News in Indonesia and The Philippines Related to SWM.....	59
Table 4. 1. Jaccard's Coefficient Result	85
Table 4. 2. Jaccard's Coefficient Analysis of SWM Problem in Iligan City	88

List of Abbreviation

LGU	: Local Government Unit
SWM	: Solid Waste Management
ICSWM	: Iligan City Solid Waste Management
RA	: Republic Act
NGO	: Non-Government Organization
G2B	: Government to Business
B2G	: Business to Government
G2C	: Government to Citizens
C2G	: Citizens to Government
B2C	: Business to Citizen
C2B	: Citizen to Business
SDG	: Sustainable Development Goals
CQDAS	: Computer Assisted Qualitative Data Analysis

PERNYATAAN KEASLIAN

Yang bertanda tangan di bawah ini:

Nama : Lubna Salsabila

NIM : 20191040017

Jenjang : Strata dua (S2)

Menyatakan bahwa Tesis dengan judul **Public Participation and Solid Waste Management Development: A Comparative Studies Between Indonesia And The Philippines** adalah benar hasil penelitian saya sendiri, kecuali pada bagian-bagian yang dirujuk dan disebutkan sumbernya.

Demikian pernyataan ini saya buat dengan sebenar-benarnya dan penuh kesadaran.

Yogyakarta, 28 April 2021

Pembuat Pernyataan,



Lubna Salsabila
20191040017