

TABLE OF CONTENTS

COVER	i
ENDORSEMENT LETTER	iii
DECLARATION	iv
ACKNOWLEDGEMENTS	v
TABLE OF CONTENTS	vii
LIST OF FIGURES	xi
LIST OF TABLES	xiv
LIST OF APPENDIXES.....	xvi
INTISARI.....	xvii
ABSTRACT	xviii
CHAPTER I INTRODUCTION.....	1
1.1. Background	1
1.2. Problem Statement	5
1.3. Scope	5
1.4. Objectives.....	6
1.5. Expected Output.....	6
1.6. Benefits	7

CHAPTER II LITERATURE REVIEW	8
2.1. Sustainable Development.....	8
2.2. Concepts of Sustainable Agriculture.....	11
2.3. Geographical Indications (GIs).....	13
2.3.1. GIs Regulation in Indonesia	15
2.3.2. Salak Pondoh Sleman as GIs Product.....	17
2.4. Salak Pondoh Sleman.....	19
2.5. Previous Research	22
CHAPTER III RESEARCH METHODOLOGY	29
3.1. Research Object	29
3.2. Population and Sample.....	30
3.3. Data Collection.....	31
3.3.1. Required Data.....	31
3.3.2. Data Collection Methods.....	33
3.3. Flow Chart.....	34
3.4. Data Processing and Analysis	35
3.4.1. Sustainable Analysis of Salak Pondoh Sleman.....	35
3.4.2. Spatial Data Preparation.....	38

3.4.3. Modeling of Salak Pondoh Sleman Plantation Distribution	39
CHAPTER IV RESULT AND DISCUSSIONS.....	43
4.1. General Conditions of Research Areas	43
4.2. Topography, Soil Type, and Climatology.....	44
4.2.1. Topography.....	44
4.2.2. Soil Type.....	46
4.2.3. Climatology	48
4.3. Cultivation of Salak Pondoh Sleman	50
4.4. In-Depth Interview Results analysis	53
4.5. Sustainability Status of Salak Pondoh Sleman Farming System	55
4.5.1. Multi-dimensional Sustainability	56
4.5.2. The Sustainability of Each Dimension	59
4.5.3. Farm Sustainability Index Patterns in the Radar Chart	78
4.5.4. Efforts to Increase the Sustainability of Salak Pondoh Sleman Farming System	82
4.6. Prediction of Land Suitability under the Risk of Climate Change.....	86
CHAPTER V CONSLUSIONS	97
BIBLIOGRAPHY	98



APPENDIX..... 105