

## TABLE OF CONTENTS

<b>SKRIPSI.....</b>	<b>i</b>
<b>ABSTRACT .....</b>	<b>v</b>
<b>ABSTRAK .....</b>	<b>vi</b>
<b>PREFACE.....</b>	<b>vii</b>
<b>LIST OF FIGURES .....</b>	<b>xii</b>
<b>LIST OF TABLES .....</b>	<b>xiii</b>
<b>LIST OF ABBREVIATIONS.....</b>	<b>xiv</b>
<b>LIST OF APPENDICES.....</b>	<b>xv</b>
<b>CHAPTER I.....</b>	<b>1</b>
1.1 Background .....	1
1.2 Research Question.....	8
1.3 Research Objective.....	8
1.4 Research Significance .....	9
1.5 Structure of Writing .....	9
<b>CHAPTER II.....</b>	<b>11</b>
2.1 Literature Review .....	11
2.1.1 Achieving Environmental Security .....	11
2.1.2 Food and Its Threat to Environmental Security .....	15
2.1.3 Sustainable Food System and the Environment.....	19
2.2 Theory and Concept .....	21
2.2.1 Neoliberalism .....	22
2.2.2 International Institutions .....	26
2.2.3 Environmental Security.....	28
2.2.4 Food Sustainability.....	31
<b>CHAPTER III.....</b>	<b>34</b>
3.1 Research Approach .....	34
3.2 Research Method.....	35
3.3 Data Collection Technique.....	35
3.4 Data Analysis Technique .....	36
<b>CHAPTER IV.....</b>	<b>37</b>
4.1 Food and Its Threat to Environmental Security in the EU.....	37
4.2 The Role of the EU Farm to Fork Strategy in Enhancing Environmental Security .....	44
4.2.1 The EU Farm to Fork Strategy Objectives.....	46
4.2.2 The EU Farm to Fork Strategy Approaches in Enhancing Environmental Security.....	54
4.2.2.1 Ensuring Sustainable Food Production .....	54
4.2.2.2 Ensuring Food Security.....	67

4.2.2.3	Stimulating Sustainable Food Processing, Wholesale, Retail, Hospitality, and Food Services Practices .....	68
4.2.2.4	Promoting Sustainable Food Consumption and Facilitating the Shift to Healthy, Sustainable Diets .....	72
4.2.2.5	Reducing Food Loss and Waste .....	74
4.2.2.6	Combating Food Fraud Along the Food Supply Chain .....	75
4.2.3	Analyzing EU Farm to Fork Strategy's Role Towards Environmental Security .....	75
4.2.3.1	Reducing GHG Emissions and Improving Sustainability from Food Production .....	76
4.2.3.2	Protecting and Restoring Land and Forests .....	79
4.2.3.3	Minimizing and Reducing Food Loss and Waste .....	80
4.2.3.4	Recycling Waste.....	81
4.2.3.5	Reducing Soil, Water, and Air Pollution .....	81
4.2.3.6	Protecting Biodiversity.....	82
4.2.3.7	Improving Sustainable Aquaculture.....	83
4.2.3.8	Opening Doors for Investment and Finance Toward the Standards and Enhancement of Environmental Security .....	84
4.2.3.9	Reducing and Minimizing Food Packaging Waste .....	85
4.2.3.10	Reducing Environmental Impact from Food Transportation ....	86
4.3	The EU's Process in Forming the Farm to Fork Strategy .....	87
4.4	Challenges Faced by the EU Farm to Fork Strategy .....	96
<b>CHAPTER V</b>	.....	<b>100</b>
5.1	Conclusion.....	100
5.2	Recommendation.....	103
<b>BIBLIOGRAPHY</b>	.....	<b>105</b>
<b>APPENDIX A</b>	.....	<b>1</b>

## LIST OF FIGURES

Figure 4.1.1: Various product inventories from the agricultural phase.....	38
Figure 4.1.2: Breeding phase inventory of products obtained from animals.....	39
Figure 4.1.3: Food System Overview in Europe.....	39
Figure 4.1.4: Various agri-food products' carbon footprints in kg.....	40
Figure 4.1.5: Evolution of the Consumption Footprint in the EU.....	42
Figure 4.1.6: Food and other consumption footprints assessed in relation to the Planetary Boundaries.....	42
Figure 4.1.7: Impact categories' contribution to the food consumption footprint of biodiversity in the EU.....	43
Figure 4.2.1: The Farm to Fork Strategy's Circular Economy.....	45

## LIST OF TABLES

Table 4.3.1: Timeline of Farm to Fork Actions.....89



## LIST OF ABBREVIATIONS



CAP	: Common Agriculture Policy
ESA	: Event-Structure Analysis
EU	: European Union
FAO	: Food and Agriculture Organization
GFSI	: Global Food Security Index
GHG	: Greenhouse Gas
INGOs	: International Non-Governmental Organizations
IPM	: Integrated Pest Management
MEPs	: Members of the European Parliament
NGOs	: Non-Governmental Organization
SDGs	: Sustainable Development Goals
SFS	: Sustainable Food System
UDHR	: Universal Declaration of Human Rights
UN	: United Nations
UNEP	: United Nations Environmental Programme
UNGA	: United Nations General Assembly
WCED	: World Commission on Environmental and Development

## LIST OF APPENDICES

### APPENDICES A

Thesis Monitoring Form.....A-1

### APPENDICES B

*Curriculum Vitae*.....B-1

### APPENDICES C

Originality Report.....C-1

