

**CO-PRODUCTION IN THE “SERPIS KEBUN KITA”
URBAN FARMING INNOVATION IN WONOCOLO
DISTRICT, SURABAYA CITY**

UNDERGRADUATE THESIS



By:

PURWASIH DIANSIWI
Student ID 22041010019

**MINISTRY OF HIGHER EDUCATION, SCIENCE, AND TECHNOLOGY
UNIVERSITY OF PEMBANGUNAN NASIONAL “VETERAN” JAWA TIMUR
FACULTY OF SOCIAL, CULTURAL, AND POLITICAL SCIENCES
DEPARTMENT OF PUBLIC ADMINISTRATION
2026**

**CO-PRODUCTION IN THE “SERPIS KEBUN KITA”
URBAN FARMING INNOVATION IN WONOCOLO
DISTRICT, SURABAYA CITY**

UNDERGRADUATE THESIS

**A Thesis Submitted in Partial Fulfillment of the Requirements for
the Degree of Bachelor of Public Administration**



By:

PURWASIH DIANSIWI
Student ID 22041010019

**MINISTRY OF HIGHER EDUCATION, SCIENCE, AND TECHNOLOGY
UNIVERSITY OF PEMBANGUNAN NASIONAL “VETERAN” JAWA TIMUR
FACULTY OF SOCIAL, CULTURAL, AND POLITICAL SCIENCES
DEPARTMENT OF PUBLIC ADMINISTRATION**

2026

THESIS APPROVAL SHEET

**CO-PRODUCTION IN THE “SERPIS KEBUN KITA” URBAN FARMING
INNOVATION IN WONOCOLO DISTRICT, SURABAYA CITY**

By:

PURWASIH DIANSIWI
Student ID 22041010019

Has been approved to take the Thesis Examination

**Approved by,
Thesis Supervisor**


Oktarizka Reviandani, S.A.P., M.A.P
NPT. 21219941014318

**Acknowledged by,
Dean of the Faculty of Social, Cultural, and Political Sciences
University of Pembangunan Nasional “Veteran” Jawa Timur**


Prof. Dr. Catur Suratnoaji, M.Si
NIP. 196804182021211006

EXAMINATION APPROVAL SHEET
CO-PRODUCTION IN THE “SERPIS KEBUN KITA” URBAN FARMING
INNOVATION IN WONOCOLO DISTRICT, SURABAYA CITY

By:

PURWASIH DIANSIWI
Student ID 22041010019

This thesis has been accepted for publication in GOVERNANCE: *Jurnal Ilmiah Kajian Politik Lokal dan Pembangunan, Lembaga Kajian Ilmu Sosial dan Politik* Volume 13, Number 9, September 2026, and was examined and approved by the Board of Examiners on 15 July 2026

Approved by,

Supervisor


Oktarizka Reviandani, S.A.P., M.A.P
NPT. 21219941014318

Board of Examiners,

1. Chair


Kalvin Edo Wahyudi, S.Sos., M.KP
NIP. 198902182025211056

2. Secretary


Oktarizka Reviandani, S.A.P., M.A.P
NPT. 21219941014318

3. Member


Erwing Wahyu Millehsyah, S.A.P., M.A.P
NIP. 199909082024061001

Acknowledged by,
Dean of the Faculty of Social, Cultural, and Political Sciences
University of Pembangunan Nasional “Veteran” Jawa Timur


Prof. Dr. Catur Suratnoaji, M.Si
NIP. 196804182021211006

REVISION APPROVAL SHEET

**CO-PRODUCTION IN THE “SERPIS KEBUN KITA” URBAN FARMING
INNOVATION IN WONOCOLO DISTRICT, SURABAYA CITY**

By:

PURWASIH DIANSIWI
Student ID 22041010019

This thesis has been received and approved 16 July 2026

Approved by,
**Chair of the Board of
Examiners**

**Secretary of the Board
of Examiners**

**Member of the Board of
Examiners**


Kalvin Edo W., S.Sos., M.KP
NIP. 198902182025211056


Oktarizka R., S.A.P., M.A.P
NPT. 21219941014318


Erwing Wahyu M., S.A.P., M.A.P
NIP. 199909082024061001

DECLARATION OF ORIGINALITY

I, the undersigned:

Name : Purwasih Diansiwi
Student ID Number : 22041010019
Program : Undergraduate Program (Bachelor's Degree)
Department : Public Administration
Faculty : Faculty of Social, Cultural, and Political Sciences
University : University of Pembangunan Nasional "Veteran" Jawa Timur

Hereby declare that this scientific work in the form of an Undergraduate Thesis does not contain any part of any scientific work previously submitted to obtain an academic degree at any higher education institution. Furthermore, this document does not contain any work or opinion that has been written or published by other individuals or this institution, except those that are properly cited in this document and fully acknowledged in the references.

I also declare that this scientific work is free from any form of plagiarism. Should any indication of plagiarism be found in this Undergraduate Thesis in the future, I am willing to accept sanctions in accordance with the applicable laws and regulations.

Thus, declaration is made truthfully and without coercion from any party whatsoever, and to be used as appropriate.

Surabaya, 16 July 2026

The Declarant,



Purwasih Diansiwi
Student ID 22041010019

ACKNOWLEDGEMENTS

Praise and gratitude to God Almighty for all blessings, grace, and mercy, which allowed the author to complete this undergraduated thesis entitled **“Co-production in the 'SerPis Kebun Kita' Urban Farming Innovation in Wonocolo District, Surabaya City”**. This undergraduated thesis was written to fulfill the requirements for obtaining a bachelor's degree in the Public Administration Department, Faculty of Social, Cultural, and Political Sciences, University of Pembangunan Nasional “Veteran” Jawa Timur.

During the preparation of this undergraduated thesis, the author received support from various parties. The author would like to express sincere gratitude to Mrs. Oktarizka Reviandani, S.A.P., M.A.P., as the thesis supervisor, for her patience, guidance, and valuable suggestions throughout the research and writing process, which enabled the author to complete this thesis successfully. In addition, the author would also like to extend sincere appreciation to all parties who contributed to the completion of this undergraduated thesis, including:

1. Prof. Dr. Ir. Akhmad Fauzi, MMT., IPU, as the Rector of the University of Pembangunan Nasional “Veteran” Jawa Timur;
2. Prof. Dr. Catur Suratnoaji, M.Si., as the Dean of the Faculty of Social, Cultural, and Political Sciences, University of Pembangunan Nasional “Veteran” Jawa Timur;
3. Dra. Susi Hardjati, M.A.P., as the Head of Public Administration Department, Faculty of Social, Cultural, and Political Sciences, University of Pembangunan Nasional “Veteran” Jawa Timur;

4. All lecturers of the Public Administration Department, Faculty of Social, Cultural, and Political Sciences, University of Pembangunan Nasional “Veteran” Jawa Timur, for their valuable knowledge and guidance the author’s journey;
5. All informants who kindly provided information and supporting data for the completion of this undergraduated thesis, including representative of the Surabaya Food Security and Agriculture Agency (*DKPP Kota Surabaya*), the Serpis Farmer Group, the Wonocolo District, the Jemur Wonosari Urban Village, and Petra Christian University;
6. Mrs. Rahayu Dwi Antin and Mr. Suyatni, the author’s parents, who have continuously prayers, advice, and financial support. Their support and dedication have been the author’s greatest motivation to complete academic responsibilities to the best of their ability. It is through their support and sacrifices that the author has been able to reach this point;
7. Mrs. Musini, the author’s grandmother, who has played a significant role in the author’s life journey from childhood to the present day, as well as the entire extended family for their continuous prayers and support throughout the author’s academic journey;
8. Esha Nanda Vebryna, Kirani Sisca Damayanti, and Putri Rahma Sari, for being supportive friends who have shared both difficult and happy moments and have always accompanied the author from the beginning of university life until the completion of this undergraduated thesis. The author wishes them continued succes and all the best their future;

9. Fellow members of the Laboratory of Public Administration Management: Pusat Kajian Administrasi Publik (PUSKAP), for the 2024 and 2025 period, who not only supported the author and provided valuable feedback during the research process, but also accompanied the author throughout the journey of growth and development within the organization;
10. A special person who has always been by the author's side throughout this long journey, providing support, sharing thoughts and feelings, and becoming an important part of the author's personal growth;
11. Finally, the author's would like to express appreciation to herself for remaining through various challenges and limitation throughout this journey and for continuing to move forward until the completion of this undergraduate thesis. May the efforts and dedication invested in this process lead to meaningful achievements in the future. Proud and Thankfull.

The Author is highly open to constructive criticism and suggestions to improve future research. Therefore, the Author hopes that this undergraduated thesis will be beneficial to readers and to all parties who may make use of it.

Surabaya, 15 July 2026

Penulis

RESEARCH ABSTRACT

ANALYZING CO-PRODUCTION IN THE “SERPIS KEBUN KITA” URBAN FARMING INNOVATION IN SURABAYA CITY

PURWASIH DIANSIWI
Student ID 22041010019

The rapid pace of urbanization in Surabaya has led the massive conversion of productive land, threatening the stability of local food security, particularly in vegetable commodities where the self-sufficiency rate plummeted to 0.15% in 2021. The Government of Surabaya responded to this challenge through a community-based strategy, with one of its leading pioneers being the "SerPis Kebun Kita" innovation in Wonocolo District, which manages the largest hydroponic system in Surabaya with a capacity of 4,600 planting holes. This study aimed to analyze and describe in depth the co-production process within the "SerPis Kebun Kita" urban farming innovation in Wonocolo District, Surabaya City, utilizing the theoretical framework by Ayob et al. (2016), which includes four indicators: collaboration, new ideas, empowerment, and change. This study employed a qualitative research method with a case study approach, with data collected through observation, documentation, and interview. The findings revealed that cross-sector collaboration operated dynamically despite weaknesses in the monitoring function. Within the new ideas dimension, innovation was manifested through various new ideas in the agriculture, fisheries, processed products, Kafe Kebun Kita, and agricultural educational tourism. Furthermore, the empowerment process successfully transformed the Serpis Farming Group from passive consumers into active, self-sufficient food producers. Finally, this innovation proved to impact mindset shifts, create micro-economic independence, and elevate the community's status at the Surabaya city level.

Keywords: Co-production, Social Innovation, Urban Farming, SerPis Kebun Kita, Surabaya City.

TABLE OF CONTENTS

THESIS APPROVAL SHEET.....	ii
EXAMINATION APPROVAL SHEET.....	iii
REVISION APPROVAL SHEET	iv
ACKNOWLEDGEMENTS.....	vi
RESEARCH ABSTRACT	ix
TABLE OF CONTENTS	x
INDEX OF TABEL	xiii
INDEX OF FIGURES.....	xiv
INDEX OF APPENDICES	xvi
CHAPTER I INTRODUCTION.....	1
1.1 Research Background.....	1
1.2 Research Question	19
1.3 Research Objectives	20
1.4 Significance of the Study	20
CHAPTER II LITERATURE REVIEW	22
2.1 Review of Previous Study	22
2.2 Concept and Theory.....	30
2.2.1 Social Innovation.....	30
2.2.2 Co-production.....	31
2.2.3 Urban Farming.....	40
2.2.4 Theoretical Framework	44
CHAPTER III RESEARCH METHODS.....	45

3.1 Research Type.....	45
3.2 Research Site	45
3.3 Research Focus	47
3.4 Sources of Data.....	48
3.5 Data Collection Techniques	49
3.6 Informant selection Technique.....	52
3.7 Data Analysis Technique	53
3.8 Data Validity Technique.....	54
CHAPTER IV RESULT AND DISCUSSION	56
4.1 General Description of the Research Object	56
4.1.1 Condition of Wonocolo District.....	56
4.1.2 SerPis Kebun Kita	63
4.2 Result	71
4.2.1 Collaboration	72
4.2.2 New Ideas	84
4.2.3 Empowerment.....	100
4.2.4 Change	107
4.3 Discussion.....	111
4.3.1 Collaboration	111
4.3.2 New Ideas	116
4.3.3 Empowerment.....	121
4.3.3 Change.....	125

BAB V CONCLUSION AND RECOMMENDATION.....	128
5.1 Conclusion	128
5.2 Recommendations	130
BIBLIOGRAPHY	132
APPENDICES	136

INDEX OF TABEL

Table 1. 1 Land Use in Surabaya City 2019–2023.....	3
Table 1. 2 Vegetable Availability for Consumption in Surabaya City	4
Table 1. 3 List of Kampung Sayur Suroboyo (KaSurBoyo)	7
Table 1. 4 Hydroponic Planting Capacity of Farmer Groups in Surabaya City.....	10
Table 2. 1 Comparison of Previous Studies and the Author's Research.....	26
Table 4. 1 Population of Wonocolo District.....	57
Table 4. 2 Types of Occupations of the Community in Wonocolo District.....	58
Table 4. 3 Composition of Wonocolo District Apparatus by Gender.....	61
Table 4. 4 Composition of Wonocolo District Apparatus by Educational Level	62
Table 4. 5 Management Structure of the Serpis Farmer Group.....	66
Table 4. 6 List of Trainings at SerPis Kebun Kita.....	103

INDEX OF FIGURES

Figure 1. 1 Population of the Most Populous Provinces in Indonesia	1
Figure 1. 2 Population of Wonocolo District in 2024	8
Figure 1. 3 Hydroponic Growing Media at SerPis Kebun Kita	9
Figure 1. 4 Documentation of the 2022 Urban Farming Competition Award.....	12
Figure 2. 1 Social Innovation and Drawing the Link to Co-Production.....	36
Figure 2. 2 Theoretical Framework.....	44
Figure 3. 1 Components of Data Analysis.....	53
Figure 4. 1 Map of the Wonocolo District Area.....	56
Figure 4. 2 Organizational Structure of the Wonocolo District.....	60
Figure 4. 3 SerPis Kebun Kita.....	64
Figure 4. 4 Official Registration Letter of the Serpis Farmer Group.....	67
Figure 4. 5 Grenhouse of SerPis Kebun Kita.....	68
Figure 4. 6 Kafe Kebun Kita.....	68
Figure 4. 7 Kitchen of Kafe Kebun Kita.....	69
Figure 4. 8 Gazebo.....	70
Figure 4. 9 Fish Pond.....	70
Figure 4. 10 Gathering Area.....	71
Figure 4. 11 Routine Internal Meetings of the Serpis Farmer Group.....	78
Figure 4. 12 Discussion Forum.....	81
Figure 4. 13 Water Sprayer.....	86
Figure 4. 14 Recirculating Aquaculture System.....	92
Figure 4. 15 Value-Added Product Processing.....	94

Figure 4. 16 Condition of Kafe Kebun Kita.....	95
Figure 4. 17 Open Pre-Order System for Processed Products	97
Figure 4. 18 Edufarm Visits	100
Figure 4. 19 Training Activities from Petra Christian University and DKPP Surabaya City.....	102
Figure 4. 20 Daily Duty Schedule and Fingerprint	105
Figure 4. 21 Members of the Serpis Farmer Group as Public Educators.....	109
Figure 4. 22 Sales of Value-Added Products	110

INDEX OF APPENDICES

Appendix 1. Thesis Research Permit Letter.....	136
Appendix 2. Research Certificate	137
Appendix 3. Interview Guidelines	138
Appendix 4. Research Photo Documentation	142
Appendix 5. Letter of Acceptance (LoA).....	144
Appendix 6. Journal Certificate	145
Appendix 7. Scientific Publication Approval Sheet.....	146
Appendix 8. Certificate of Plagiarism Examination Results	147