



UNIVERSITAS
DIPONEGORO
The Excellent Research University

FACULTY OF
ANIMAL AND
AGRICULTURE SCIENCES

STAFF HANDBOOK

MASTER PROGRAM IN AGRIBUSINESS

FACULTY OF ANIMAL AND AGRICULTURAL SCIENCES
UNIVERSITAS DIPONEGORO



2025

Staff Handbook

Name	Siwi Gayatri, S.Pt., M.Sc., Ph.D.		
Post	Extension Agriculture and Community Development		
Academic career	Head of Master Program in Agribusiness	Universitas Diponegoro	2021-2026
	Doctorate (Doctor in Agriculture)	Aarhus University, Denmark	Graduated in 2016
	Master's Degree (Master in Community Development)	University Philippines of Los Banos	Graduated in 2010
	Undergrade Program (Bachelor in Socio-Economic Animal Husbandry)	Universitas Diponegoro	Graduated in 2003
Employment	Lecturer	Universitas Diponegoro	2004-now
Research and development projects over the last 5 years	1. The Indonesia Dairy Excellence Activity (IDEA) (New Zealand Aid Programme, 2018-2020) 2. Road Map of Livestock Development Program in Pati Regency (Agriculture and Livestock Office, Pati Regency, 2021) 3. Academic Manuscript for Local Regulation or PERDA about Veterinary Public Health of Semarang City (Agriculture Office of Semarang City, 2022-2023) 4. Business and Institutional Good Governance Model to Support Sustainable Forest Village Practices (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2023) 5. Environmental and Socioeconomic Study of Soil Block Based on <i>Rawa Pening</i> Sedimentation for Environmentally Friendly and Sustainable Chili Commodities (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2023-2025) 6. Cost Benefit Analysis Food and Mouth Disease in Central Java (PRISMA-The Australia-Indonesia Partnership for Promoting Rural Incomes through Support for Markets in Agriculture, 2023-2024) 7. Potential for Regional Development and Sustainable Analysis of Food Production System to Reduce Inflation (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2023-2025) 8. IndoDairy2 (Australian Centre for International Agricultural Research-ACIAR, 2024-2029) 9. Synergy Model for Business Entity to Improve Food, Energy and Water Security (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2025)		

	10. Meryl William Fellowship (Australian Centre for International Agricultural Research-ACIAR, 2025)
Industry collaborations over the last 5 years	1. Entrepreneur Teaching Center (PT Charoen Pokphand Indonesia, 2020-2023) 2. Speaker in Sustainable Practices seminar (Badak LNG, 2021)
Patents and proprietary rights	Indonesian copyright for Book (Community Empowerment), year 2020
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=57200729945 Google Scholar : https://scholar.google.com/citations?hl=en&user=lcN7emUAAAAJ Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/profile/6663735
Activities in specialist bodies over the last 5 years	Indonesian Communication Staff 2024-2028 Agribusiness Association
	Indonesian Society of Agricultural Economics Institution and Caderization 2025-2028
	Indonesian Society of Socio Economic in Livestock Researcher Treasurer 2024-2026

Staff Handbook

Name	Prof. Dr. Ir. Titik Ekowati, M.Sc.		
Post	Agribusiness Management		
Academic career	Professor (in Agricultural Business Science)	Universitas Diponegoro	2023
	Doctorate (Doctor in Agricultural Economics)	Universitas Gadjah Mada	Graduated in 2012
	Master's Degree (Master's in Environmental Management)	Newcastle University, UK	Graduated in 1994
	Undergrade Program (Bachelor in Socio-Economic Agriculture)	Universitas Gadjah Mada	Graduated in 1986
Employment	Lecturer	Universitas Diponegoro	1989-now
Research and development projects over the last 5 years	1. Optimizing Rice Farming Area to Support Food Security and Sustainability (2025) 2. Rice Farming Performance for Sustainable Agriculture and Food Security in Central Java (2025) 3. Analysis of the Factors Influencing Entrepreneurial Behavior Among Dairy Farmers in Boyolali Regency (2024) 4. Factor Determining the Smallholder Farmer's Perception on Organic Farming: A Case of Makmur Sejahtera Farmers Group, Batu City, Indonesia (2024) 5. Analysis of Farmers' Satisfaction Toward the Farmer Card Program in Kendal Regency, Central Java (2022) 6. Performance Analysis of Horticultural Enterprises of Shallots and Chilies in Brebes Regency (2021)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	Feasibility Study and Project Evaluation Textbook. No. EC00202010482, year 2020 Agribusiness's Introduction Textbook. No. EC002023102924, year 2023 Food Security Textbook. No. EC002024226412, year 2024		
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=57194971663 Google Scholar : https://scholar.google.com/citations?user=WKqeT5MAAAAJ&hl=en Indonesian Science and Technology Index: https://sinta.kemdikbud.go.id/authors/profile/6030480		
Activities in specialist bodies over the last 5 years	Indonesian Engineers Association	Member	2020-now

	Indonesian Association of Animal Husbandry Socio-Economic Scientists (PERSEPSI)	Member	2016-now
	Journal of the Indonesian Tropical Animal Agriculture	Associate editor	2015-now
	Indonesian Agricultural Economics Association (PERHEPI)	Member	2013-now
	Indonesian Agribusiness Association (AAI)	Member	2013-now

Staff Handbook

Name	Ir. Joko Mariyono, M.P., Ph.D.		
Post	Extension Agriculture and Community Empowerment		
Academic career	Doctorate (Doctor in Economics)	The Australian National University, Canberra	Graduated in 2007
	Master's Degree (Master's in Agricultural Science)	Universitas Gadjah Mada	Graduated in 2001
	Undergrade Program (Bachelor in Agricultural Science)	Universitas Gadjah Mada	Graduated in 1989
Employment	Lecturer	Universitas Diponegoro	2021-now
Research and development projects over the last 5 years	1. Effort to Improve Agriculture Performance Using Ecological Technology in Java, Indonesia (Internal University, 2025) 2. Political and Environmental Inducements of Indonesian Rice-Agricultural Development: A Historical Administrative Policy Review (Internal University, 2025) 3. Environmental Efficiency as a Benchmark of Agricultural Sustainability: Empirical Evidence from Rice Agriculture in Indonesia (Internal University, 2025) 4. Factor Determining the Smallholder Farmer's Perception on Organic Farming: A Case of Makmur Sejahtera Farmers Group, Batu City, Indonesia (2024) 5. Efforts to Improve Sustainable Agricultural Performance (Internal University, 2024) 6. Sustainable Intensification Practices Of Fish-Rice Co-Culture in Java, Indonesia: technical, Socio-Economic And Environmental features (Local Government, 2023) 7. Functional food formulation (2022) 8. Vegetables for Indonesia (USAID and The World Vegetable Center, 2021) 9. Vegetables for Indonesia Research Project (USAID and The World Vegetable Center, 2021) 10. Improving Farmer Capacity through Local Resource-Based Technology in Brebes Regency (Internal University, 2021)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	Policy and Productivity Analyses of Indonesian Rice Agriculture Book. No. EC002023115444 year 2023 Statistics Module. No. EC00202397204 year 2023		
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=16067014200 Google Scholar : https://scholar.google.com/citations?user=tqQUqlkAAAAJ&hl=id Indonesian Science and Technology Index: https://sinta.kemdikbud.go.id/authors/profile/5986359/?view=scopus		
	Asia and the Pacific Policy Society (APPS)	Member	2010-now

Activities in specialist bodies over the last 5 years	Indonesian Agricultural Economics Association (PERHEPI)	Member	2002-now
	Indonesian Association of Animal Husbandry Socio-Economic Scientists (PERSEPSI)	Member	2021-now

Staff Handbook

Name	Dr. Tutik Dalmiyatun, S. Pt., M.Sc		
Post	Extension Agriculture and Community Empowerment		
Academic career	Doctorate (Doctor in Economics)	Universitas Gadjah Mada	Graduated in 2025
	Master's Degree (Master's in Agricultural Science)	Universitas Gadjah Mada	Graduated in 2012
	Undergrade Program (Bachelor in Agricultural Science)	Universitas Gadjah Mada	Graduated in 2009
Employment	Lecturer	Universitas Diponegoro	2014-now
Research and development projects over the last 5 years	1. Gender-Based Empowerment Across Generations of Farmers in Sleman, Yogyakarta (2022) 2. A Collaborative Research Project with PT Petani Milenial Sleman (2022) 3. The Role of Farmer Groups and Willingness to Pay in Farmers' Interest in Paddy Farming Insurance (AUTP) (2020)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	Indonesian copyright for the Book (Community Empowerment), year 2020		
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=57200722077 Google Scholar : https://scholar.google.co.id/citations?user=SG04S3oAAAAJ&hl=id Indonesian Science and Technology Index: https://sinta.kemdikbud.go.id/authors/profile/6083825		
Activities in specialist bodies over the last 5 years	Agrisocionomics Journal	Editorial Board	2018-now
	SOCA Journal	Editorial Board	2019-now

Staff Handbook

Name	Dr. Ir. Edy Prasetyo, M.S.		
Post	Agribusiness Management		
Academic career	Doctorate (Doctor in Economic Animal Husbandry)	Universitas Diponegoro	Graduated in 2013
	Master's Degree (Master's in Economic Agriculture)	IPB University	Graduated in 1991
	Undergrade Program (Bachelor in Socio-Economic Agriculture)	Universitas Jenderal Soedirman	Graduated in 1985
Employment	Lecturer	Universitas Diponegoro	1986-now
Research and development projects over the last 5 years	1. Performance of Shallot–Chili Farming for Sustainable Agriculture and Food Security in Central Java (2021) 2. Analysis of Farmers Satisfaction with the Farmers Card Program in Kendal Regency, Central Java (2022) 3. Analysis of the Chili Commodity Auction System at Pancarga Cooperative, Magelang Regency (2023) 4. Comparison of Farmers' income Before and After the Horticulture Food Estate Program in Bansari District Of Temanggung Regency, Central Java Province, Indonesia (2024)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	Feasibility Study and Project Evaluation Book, year 2020		
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=57201006236 Google Scholar : https://scholar.google.com/citations?hl=id&user=acw7NF4AAAAJ Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/profile/6038925		
Activities in specialist bodies over the last 5 years	Indonesian Agribusiness Association	Member	2013-now
	Indonesian Society of Agricultural Economics	Member	2016-now
	Indonesian Association of Animal Husbandry Socio-Economic Scientists	Member	2016-now

Staff Handbook

Name	Dr. Ir. Mukson, M.S.		
Post	Agribusiness Management		
Academic career	Head of Master Program in Agribusiness	Universitas Diponegoro	2016-2021
	Doctorate (Doctor in Socio-Economic Animal Husbandry)	Universitas Diponegoro	Graduated in 2013
	Master's Degree (Master's in Community Nutrition and Family Resources)	IPB University	Graduated in 1993
	Undergrade Program (Bachelor in Animal Husbandry)	Universitas Diponegoro	Graduated in 1986
Employment	Lecturer	Universitas Diponegoro	1987-now
Research and development projects over the last 5 years	1. Performance of Shallot–Chili Farming for Sustainable Agriculture and Food Security in Central Java, 2021. 2. Analysis of Farmers Satisfaction with the Farmers Card Program in Kendal Regency, Central Java, 2022. 3. Determinants of Risk Factors in Shallot Farming in Wanasari District, Brebes Regency, 2023. 4. Implementation the Interest Subsidy Program on Agriculture in Central Java Province, Indonesia, 2024.		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	Rice Consumers: Preferences and Willingness to Pay Book, year 2017		
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=57200729945 Google Scholar : https://scholar.google.com/citations?hl=id&user=acw7NF4AAAAJ Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/profile/6030520		
Activities in specialist bodies over the last 5 years	Indonesian Agribusiness Association	Member	2016-now
	Indonesian Society of Agricultural Economics	Member	2010-now

Staff Handbook

Name	Dr.Migie Handayani, S.Pt., M.Si.		
Post	Agribusiness Management		
Academic career	Doctorate (Doctor in Agricultural Science)	Universitas Gadjah Mada	Graduated in 2024
	Master's Degree (Master's in Agribusiness Management)	Universitas Gadjah Mada	Graduated in 2002
	Undergrade Program (Bachelor in Animal Nutrition and Feed)	Universitas Diponegoro	Graduated in 1999
Employment	Lecturer	Universitas Diponegoro	2002-now
Research and development projects over the last 5 years	1. Analysis of Farmers Satisfaction with the Farmer Card Program in Kendal Regency, Central Java (2022) 2. Analysis of the Chili Commodity Auction System at Pancarga Cooperative, Magelang Regency (2023) 3. Analysis of the Chili Commodity Auction System at Pancarga Cooperative, Magelang Regency (2023) 4. Analysis of the Influence of Various Factors on Entrepreneurial Behavior Among Dairy Cattle Farmers in Boyolali Regency (2024) 5. Efforts to Improve Sustainable Agricultural Performance, (2024) 6. Potential of Maize Cultivation and Socio-Economic Factors Affecting the Income of Maize Farmers in Batang Regency, Central Java, (2025) 7. The Issue of Income Diversification Among Rural Farming Households: Empirical Evidence from Batang Regency (2025)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	Introduction to Agribusiness Book, year 2016		
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=59832108400 Google Scholar : https://scholar.google.com/citations?hl=id&user=tjL-lqUAAAAJ Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/profile/6079173		
Activities in specialist bodies over the last 5 years	Indonesian Agricultural Economics Association	Member	2015-now
	Indonesian Association of Animal Husbandry Socio-Economic Scientists	Member	2017-now

Staff Handbook

Name	Prof. Agus Setiadi, S.Pt., M.Si., Ph.D.		
Post	Agribusiness Management		
Academic career	Vice Dean of Human Resources (Faculty of Animal and Agricultural Sciences)	Universitas Diponegoro	2024-2029
	Doctorate (Doctor in Agriculture)	University Philipines of Los Banos	Graduated in 2010
	Master's Degree (Master's in Management)	Universitas Gadjah Mada	Graduated in 2002
	Undergrade Program (Bachelor in Animal Husbandry)	Universitas Gadjah Mada	Graduated in 2000
Employment	Lecturer	Universitas Diponegoro	2022-now
Research and development projects over the last 5 years	1. Application of Fermentation Technology for <i>Salvinia Molesta</i> Using Termite Gut Bacteria (<i>Cryptotermes</i> Sp) for the Development of Duck-Based Functional Food to Support Food Sovereignty in Central Java (2019-2021) 2. The Economics of Coconut Fiber Utilization for Ruminant Feed (2019-2021) 3. Performance of Shallot–Chili Farming for Sustainable Agriculture and Food Security in Central Java (2021) 4. Investigation of Quality and Quantity of Food Loss in the Potato Supply Chain in Magelang Regency (2022) 5. Sustainability of Duck Farming in Central Java (2023) 6. Detection of <i>Oryza Sativa</i> Diseases Using Image Processing and Machine Learning to Support Smart Farming in Indoensia (2023-2024) 7. Analysis of the Development Potential of Local Buffalo Farming in West Sulawesi (2023) 8. Analysis of the Development Potential of Local Buffalo Farming In West Sulawesi (2024) 9. Efforts to Improve Sustainable Agricultural Performance (2024)		
Industry collaborations over the last 5 years	1. Closed House Management (PT Charoen Pokphand Indonesia, 2017-now) 2. Management of Closed House Systems and Animal Health Guidance (PT. Medion, 2017-now) 3. Collaboration in Melon Research and Entrepreneurship (PT. Farmhill, 2019-now) 4. Undergraduate Scholarship for Children of Farmers (PT. Pusri, 2019-now) 5. Collaboration in Education, Research, and Community Service (PT. Japfa Comfeed, 2019-now) 6. Collaboration in Education, Research, and Community Service (PT. Cimory, 2019-now)		
Patents and proprietary rights	Feasibility Study and Project Evaluation Book, year 2020		
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=56974120800		

	Google Scholar : https://scholar.google.com/citations?user=i7mZ_YsAAAAJ&hl=en Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/profile/6030448		
Activities in specialist bodies over the last 5 years	Indonesian Agricultural Economics Association	Member	2017-now
	Indonesian Association of Animal Husbandry Socio-Economic Scientists	Regional Chair (Semarang)	2024-now

Staff Handbook

Name	Prof. Dr. Ir. Siswanto Imam Santoso, M.P.		
Post	Agribusiness Management		
Academic career	Professor of Agribusiness	Diponegoro University	2020
	Doctorate (Doctor in Agricultural Economics, Faculty of Agriculture)	Brawijaya University	2005 – 2008
	Master Degree (Master in Agribusiness Management)	Gadjah Mada University	1996 – 1999
	Undergraduate degree (Bachelor in Livestock Production)	Gadjah Mada University	1975 – 1980
Employment	Lecturer	Diponegoro University	1983 – now
Research and development projects over the last 5 years	1. The Use of Brotia Costulla Waste and Seaweed (<i>Gracilaria</i>) Produces Meat and Eggs Containing Antioxidants and Low Cholesterol in Supporting the Duck Farming-Based Healthy Food Industry in Central Java (MP3EI, 2015-2016) 2. Application of <i>Salvinia Molesta</i> Fermentation Technology Using Termite Digestive Tract Bacteria in Duck Farming-Based Functional Food Production to Support Food Sovereignty in Central Java (Kemenristekdikti, 2021) 3. Food Waste Study Along the Potato Supply Chain in Magelang Regency (Internal Faculty, 2022) 4. Bridging Sustainability and Consumer Preferences in Tofu Dreg-Based Products: A Study on Nuggets, Flour, and Cookies (Internal University, Internal University, 2025) 5. Feasibility and Sustainability Analysis of Modern Farming Business with Hydroponic System Using Multidimensional Scaling (Internal University, 2025) 6. Tropical Alfalfa (Queen Bean BW) for the Dairy Industry Supports Food Self-Sufficiency and a Sustainable Environment (Internal University, 2025)		
Industry collaborations over the last 5 years	1. Speaker in in webinar “Strategies for Implementing Agribusiness Product Supply Chains Towards Efficient Marketing During the Pandemic” (PERHEPI, 2021)		
Patents and proprietary rights	1. Indonesia Copyright for Book (Formula for Enriching Broiler Duck Feed Containing Fermented Waterweed (<i>Salvinia Molesta</i>) to Increase Antioxidant Content and Reduce Cholesterol Levels in Duck Meat)		2019
	2. Indonesia Copyright for Book (Textbook of The Role Of Agricultural Higher Education Education In Achieving Sustainable Food Security)		2021
	3. Indonesian Copyright for Book (Textbook of Livestock Business Economics)		2025
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=8552175200 Google Scholar : https://scholar.google.com/citations?user=hVHQcWYAAAAJ&hl=id Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/profile/6030461 Research Gate :		

	https://www.researchgate.net/profile/Siswanto-Imam-Santoso		
Activities in specialist bodies over the last 5 years	1. Indonesian Association of Animal Husbandry Graduates (ISPI)	Member	2010 – Now
	2. Indonesian Agricultural Economics Association (PERHEPI)	Member	2017 – Now
	3. Indonesian Association of Animal Husbandry Socio-Economic Scientists (PERSEPSI)	Member	2018 – Now
	4. An Analysis of Consumer Behavior Regarding Green Product Purchases in Semarang, Indonesia”	Reviewer	2025

Staff Handbook

Name	Dr. Ir. Wiludjeng Roessali, M.Si.		
Post	Agribusiness Management		
Academic career	Doctorate (field of Agricultural Economics, Faculty of Agriculture)	Gadjah Mada University	2006 – 2011
	Master Degree (Concentration in Rural Area Development, Postgraduate Program in Rural Area Development)	Andalas University	1994 – 1997
	Undergraduate degree (Animal Husbandry Engineer) in the field of Animal Production, Faculty of Animal Husbandry	Sam Ratulangi University	1978 – 1984
Employment	Lecturer	Diponegoro University	1986– now
Research and development projects over the last 5 years	1. Contract Broiler Farming As An Effective Pathway to Improve Rural Prosperity in Indonesia (Internal Faculty, 2022) 2. Farmer's Perceptions on Risk and Determinants of Risk Management Strategy in Integrated Cattle and Crops Farming Systems (Internal Faculty, 2022) 3. Analysis of Agricultural Sector Productivity Improvement Strategies Thorough Cooperative Institutions (Internal Faculty, 2022) 4. Factors Determining Income and Product Type of Robusta Coffee Farming in Central Java, Indonesia (Internal Faculty, 2024)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	1. Indonesia Copyright for Book (Textbook of The Role Of Agricultural Higher Education Education In Achieving Sustainable Food Security) 2. Indonesian Copyright for Book (Textbook of Integrated Farming-Based Agribusiness Management)		2021 2024
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=57200728830 Google Scholar : https://scholar.google.com/citations?user=zbfrbyAAAAJ&hl=en Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/profile/5990045 Research Gate : https://www.researchgate.net/profile/Wiludjeng-Roessali-4		
Activities in specialist bodies over the last 5 years	1. Indonesian Agricultural Economics Association (PERHEPI) 2. Agrisocionomics Journal 3. Indonesian Association of Animal Husbandry Socio-Economic Scientists (PERSEPSI) 4. An Analysis of Consumer Behavior Regarding Green Product Purchases in Semarang, Indonesia	Member Chief Editor Member Reviewer	2017 – Now 2018 – Now 2019 – Now 2025

Staff Handbook

Name	Dr. Hery Setiyawan, S.Pt., M.Sc.		
Post	Agribusiness Management		
Academic career	Doctorate (Agribusiness Management, Faculty of Agriculture)	Gadjah Mada University	2018 – 2025
	Master Degree (Agribusiness Management, Faculty of Agriculture)	Gadjah Mada University	2010 – 2012
	Undergraduate degree (Socio-Economics of Animal Husbandry, Faculty of Animal Husbandry)	Diponegoro University	1999 – 2003
Employment	Lecturer	Diponegoro University	2003 – Now
Research and development projects over the last 5 years	1. Production Risks of Hydroponic Urban Farming of Lettuce in Central Java Province, (Personal Funds, 2023) 2. Impact of Mobile Phone Usage and Credit Access on the Revenue of Duck Farmers in Brebes, Indonesia (DIPA, 2024) 3. Financial Performance of Hydroponic Urban Farming in Central Java Province, (Personal Funds, 2024) 4. Financial Feasibility of NFT System Hydroponic Urban Farming Business in Semarang City, (Personal Funds, 2024) 5. The Sustainability Status of Hydroponic Nutrient Film Technique System for Urban Farming in Central Java Province, (Personal Funds, 2024) 6. The Sustainability of Urban Farming in Central Java, (Personal Funds, 2025) 7. The Sustainability of Hydroponic Urban Farming in Semarang City (Personal Funds, 2025)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	Google Scholar : https://scholar.google.com/citations?user=rKmEI3UAAAAJ&hl=en Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/profile/6083117		
Activities in specialist bodies over the last 5 years	1. Indonesian Agricultural Economics Association (PERHEPI)	Member	2007 – Now

Staff Handbook

Name	Prof. Dr. Ir. Florentina Kusmiyati, M.Sc.		
Post	Plant Physiology and Breeding Laboratory		
Academic career	Doctoral Degree from Animal and Agricultural Sciences Faculty -	Diponegoro University, Indonesia	2014-2017
	Master Degree from Agricultural and Environmental Sciences Faculty –	Mc. Gill University, Canada	1995-1997
	Bachelor Degree from Agricultural Faculty	Bogor Agricultural Institute, Indonesia	1988-1992
Employment	Lecturer	Diponegoro University	1990 – Now
Research and development projects over the last 5 years	1. Study on the use of Climate Smart Agriculture (CSA) – Biochar technology to increase rice plant productivity (Bank Indonesia, 2025) 2. Nurture Future Green Leaders (TUNE) (Erasmus – European Education and Culture Executive Agency (EACEA), 2025) 3. Utilization of saline land for the cultivation of Agritan Biosalin 1 and Agritan Biosalin 2 rice in Teluk Awur Jepara (DIPA, 2025) 4. Determining the Harvest Age of Pods for Vegetables and Seeds in Red Long Bean Lines (DIPA, 2025) 5. Selection of yardlong bean lines to seed borne pathogen (DIPA, 2024) 6. Performance of yard long bean at different altitudes (Domestic Cooperation Research - Ministry of Research, Technology and Higher Education, 2023) 7. Evaluation of nano fertilizer in soybean (PT. Pupuk Srwidjaya, Indonesia, 2021) 8. Evaluation and Testing of NPK fertilizer in corn and soybean (PT. Pupuk Srwidjaya, Indonesia, 2020)		
Industry collaborations over the last 5 years	1. PT. Pupuk Srwidjaya, Indonesia		
Patents and proprietary rights	1. Organic Saline Soil Reclamation Method for Cultivation of Forage Crops (Utility Models P/ID Number IDS000001797, 2018). 2. Callus Induction Process for Sugarcane Plants (<i>Saccharum officinarum</i> L.) by Plant Tissue Culture (Utility Models P/ID Number IDS000001827, 2018). 3. Selection Method for Tolerance of Soybean Plants on Saline Soil (Metode Seleksi Toleransi Tanaman kedelai pada Tanah Salin) (S00202212470, 2025)		
Important publications over the last 5 years	Google Scholar : https://scholar.google.com/citations?user=PrtP1bsAAAAJ&hl=en Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/profile/6030508 Scopus: https://www.scopus.com/authid/detail.uri?authorId=56094377300		
Activities in specialist bodies over the last 5 years	-		

Staff Handbook

Name	Prof. Ir. Anang M. Legowo, M.Sc., Ph.D		
Post	Food Chemistry and Nutrition Laboratory		
Academic career	Doctorate Degree from United Graduate School of Agricultural Science	Ehime University	1993-1996
	Master Degree from Food Science and Technology	Kagawa University	1991-1993
	Agricultural Product Processing Science	Gadjahmada University	1978-1983
Employment	Lecturer	Diponegoro University	1986– Now
Research and development projects over the last 5 years	1. The Characteristics of Pineapple Probiotic Drinks Enriched by Inulin's Mangrove Apple (Dikti, 2024) 2. Quality of Synbiotic Yogurt Drink Based on Beneng Taro Flour and Honey Pineapple Juice (DIPA, 2024) 3. The role of inulin extract from mangrove apple (<i>Sonneratia caseolaris</i>) and <i>Lactobacillus plantarum</i> combination as a symbiotic (DIPA, 2024) 4. Characteristics of jerky made from ground rabbit meat (DIPA, 2023) 5. Physicochemical properties of goat milk yoghurt with synbiotics from inulin of mangrove apple and <i>Lactobacillus plantarum</i> (DIPA, 2023) 6. Physical, Chemical and Microbiological Characteristics of Powdered Kefir Grains using Skimmed Milk as Encapsulant (Dikti, 2023) 7. Physicochemical and Sensory Characteristics of Pohpohan Nori with a Combination of White Yam Starch and Carrageenan (DIPA, 2022) 8. Physical and Organoleptic Qualities of Milk-Based Caramel with Variations in Addition of Pineapple Fruit (<i>Ananas comosus</i> (L) Merr.) (DIPA, 2022) 9. The Functional Properties of Rabbit Skin Gelatin Compared to Commercial Gelatin and Its Application in Jelly Candy (Dikti, 2022) 10. Characteristics of inulin from mangrove apple (<i>Sonneratia caseolaris</i>) with different extraction temperatures (Dikti, 2021) 11. The influences of storage temperature and time on decocted Robusta coffee leaves tea (DIPA, 2021) 12. Physical Characteristics of Coconut Milk with the Addition of Ketapang Seed Emulsifier (DIPA, 2021)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	1. Prosedur K3 Laboratorium Di Teknologi Pangan UNDIP (EC00202346619) 2. Formula Es Krim Yoghurt Dengan Pewarna Alami Ekstrak Bit (<i>Beta Vulgaris</i>) (IDS000004856) 3. Gambar Logo Kemasan LABS MILK (EC00202242214) 4. Formula Beras Analog Berbasis Tepung Sorgum Dan Spirulina SP (IDS000007530) 5. Karakterisasi Sensoris Dairy Products dan Turunannya dengan Metode Check All That Apply (CATA), Emotional Sensory/Mapping (ESM) dan Ideal Profile Method (IPM) (EC002023116676)		

Important publications over the last 5 years	Google Scholar : https://scholar.google.co.id/citations?user=wKD_KCYAAAAJ&hl=id Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/profile/6038182 Scopus: https://www.scopus.com/authid/detail.uri?authorId=56094377300		
Activities in specialist bodies over the last 5 years	1. DKKE (Dewan Kehormatan Kode Etik) Universitas Diponegoro 2. OKKPD (Otoritas Kompeten Keamanan Pangan Daerah) Prov Jateng 3. Perhimpunan Ahli Teknologi Pangan Indonesia (PATPI) 4. Pokja Ahli DKP (Dewan Ketahanan Pangan) Prov. Jateng.	Member Member Vice Chairman Member	2014 – now 2012 – now 2012 – 2014 2020 - now

Staff Handbook

Name	Prof. Ir. Vitus Dwi Y. B. I., M.S., M.Sc., Ph.D., IPU		
Post	Nutrition and Feed Science Laboratory		
Academic career	Doctorate Degree in Animal Sciences (Animal Nutrition and Feedstuffs)	Kagoshima University	1995 - 1998
	Master's Degree in Nutrition and Feed (Non-Ruminants)	Padjajaran University	1987 – 1990
	Animal Sciences (Animal Nutrition and Feedstuffs)	Kagoshima University	1993 - 1995
	Bachelor's Degree in Animal Sciences	Diponegoro University	1978 - 1983
Employment	Lecturer	Diponegoro University	1985 - now
Research and development projects over the last 5 years	1. Innovation in the Development of Feed Additives Based on Encapsulated Okra (<i>Abelmoschus esculentus</i>) Fruit Waste Extract as a Substitute for Antibiotics to Increase Broiler Chicken Productivity (Dikti, 2025) 2. Encapsulation of Chinese Betel Leaf (<i>Peperomia pellucida</i>) and <i>Lactobacillus plantarum</i> Extracts to Improve Small Intestinal Profile, Meat Quality, and Broiler Chicken Performance (DIPA, 2025) 3. Probiotic Supplementation as a Natural Feed Additive to Support Broiler Turkey Productivity (DIPA, 2020) 4. Effect of feeding goat meat containing low cholesterol and rich omega-6 fatty acid on blood lipid status of white rat (<i>Rattus norvegicus</i>) (Dikti, 2021) 5. Application of Synbiotics to Heat-Stressed Broiler Chickens with Selenium and Betaine Supplementation to Increase Body Resistance and Productivity (DIPA, 2021)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	1. Phytobiotic Formula from Onion Skin Flour (<i>Allium Cepa</i>), Garlic Skin Flour (<i>Allium Sativum</i>), and Bay Leaf Flour (<i>Syzygium Polyanthum</i>) as a Natural Feed Supplement Additive to Improve Poultry Performance 2. Maggots: A Protein Source for Poultry Feed 3. Synbiotic Formula for Poultry Made from Garlic Flour and <i>Lactobacillus Casei</i> 4. The Influence of Environmental Temperature and the Role of Feed Biosecurity in Efforts to Ensure the Safety of Poultry Livestock Products		
Important publications over the last 5 years	Indonesian Science and Technology Index : https://sinta.kemdikbud.go.id/authors/scopusanalysis/6030587#! Scopus: https://www.scopus.com/authid/detail.uri?authorId=6504723823		

Activities in specialist bodies over the last 5 years	1. Pengda AINI (Asosiasi Ahli Nutrisi Pakan Indonesia) Jawa Tengah I / Universitas Diponegoro Ketua - now 2. Tim Pakar LSP – Peternakan Indonesia Ketua 3. Ikatan Sarjana Peternakan Indonesia (ISPI) Anggota 4. Asesor BAN-PT Anggota 5. Asesor BNSP

Staff Handbook

Name	Dr. Dian Ayunita Nugraheni Nurmala Dewi, S.Pi., M.Si.		
Post	Fisheries Economics		
Academic Career	Doctorate (Doctor in Economics)	Universitas Diponegoro	Graduated in 2022
	Master Degree (Master in Economic Development)	Universitas Diponegoro	Graduated in 2010
	Undergrade Program (Bachelor in Fisheries Resources Utilization)	Universitas Diponegoro	Graduated in 2003
Employment	Lecturer	Universitas Diponegoro	2004-recent
Research And Development Projects Over The Last 5 Years	1. Consultant to determine priority locations and economic loss for disaster vulnerability due to climate change in Semarang City (BAPPENAS and JICA, 2022-2023). 2. Project of cross-country comparison of drivers for collaboration in sustainable management of common goods as co-researcher and organizer of the event fish game: a method for sustainable management plans in fisheries (Department of Quantitative Methods and Information Technology, Kozminski University, Poland- Universitas Diponegoro, 2023). 3. Formulation team of government budget evaluation on GRDP growth in fisheries sector at fiscal policy agency (Ministry of Finance, 2023). 4. Formulation team of climate resilient development study at the Directorate of environment of the National Development Planning Agency (BAPPENAS and UNDP, 2024-2025).		
Industry Collaborations Over The Last 5 Years			
Patents And Proprietary Rights	1. Indonesian Copyright For Book (Basic Statistics For Fisheries And Marine Sector), 2019. 2. Indonesian Copyright For Book (Sustainable Fisheries Economic Development Case Study Of Batang Regency, Central Java), Year 2020 4. Indonesian Copyright For Book (A Compendium Of Community Empowerment Challenges During A Pandemic With An Article Entitled Perspectives On Prices And Profits Of Mini Ring Trawl Capture Fisheries Business As An Alternative Labor Employer), Year 2022. 5. Indonesian Copyright For Book (Regional Economic Development, Information, And Sustainable Business With An Article Entitled Small Pelagic Fishing Bionomics Analysis, Pekalongan Sea Waters, Java Sea, Indonesia), Year 2023.		
Important Publications Over the Last 5 Years	Orcid ID: https://Orcid.Org/0000-0001-9979-0871		

	Scopus ID: https://www.scopus.com/authid/detail.uri?authorid=57226569435 Google Scholar: https://scholar.google.com/citations?user=9q1ogkiaaaaj&hl=id&oi=ao Indonesian Science and Technology Index: https://sinta.kemdikbud.go.id/authors/profile/6009228/?view=lprs#		
Activities In Specialist Bodies Over the Last 5 Years	Capture Fisheries Consortium Partnership Forum	Members	2023-2026
	International Association of Indonesian Scientists	Members	2023-2026
	Indonesian Economists Association	Members	2023-2026
	European Society for Ecological Economics	Members	2025-2030

Staff Handbook

Name	Dr. Yanuar Luqman, S.Sos, M.Si		
Post	Communication for Social Change and Environmental Communication		
Academic career	Head of Master Program in Communication Studies	Universitas Diponegoro	2022-2027
	Doctorate (Doctor in Agriculture)	Institut Pertanian Bogor	Graduated in 2018
	Master Degree (Master in Communication Management)	Universitas Indonesia	Graduated in 2002
	Undergrade Program (Bachelor in Communication Science)	Universitas Diponegoro	Graduated in 1999
Employment	Lecturer	Universitas Diponegoro	2003-now
Research and development projects over the last 5 years	1. Seeing the Issue of Climate Change Crisis from the lens of an Indonesian Documentary Video (2022) 2. Perception of Environmental Activist about Climate Change (2021) 3. Millennial and Climate Change (2020) 4. Social Campaign about Energy in Social Message (2019) 5. Generation Z's Perspective and Responses to Climate Change: The Role of Education and Social Media (2025)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	Indonesian copyright for Book (Community Empowerment), year 2020		
Important publications over the last 5 years	Scopus ID: https://www-scopus-com.proxy.undip.ac.id/authid/detail.uri?authorId=57211891984 Google Scholar: https://scholar.google.com/citations?user=NTae5z4AAAAJ&hl=id Indonesian Science and Technology Index: https://sinta.kemdikbud.go.id/authors/profile/6056604		
Activities in specialist bodies over the last 5 years			

Staff Handbook

Name	Dr. Komalawati, S.P., M.Phil		
Post	Natural Resource and Environmental Economics		
Academic career	Senior Researcher	National Research and Innovation Agency (BRIN)	2024-now
	Doctorate (Doctor in Agricultural Economics)	Bogor Agricultural University (IPB)	Graduated in 2018
	Master Degree (Master of Philosophy in Development Studies)	Massey University, New Zealand	Graduated in 2009
	Undergrade Program (Bachelor in Socio-Economic Agriculture)	Bogor Agricultural University (IPB)	Graduated in 2002
Employment	Researcher	National Research and Innovation Agency (BRIN)	2020-now
	Researcher	Ministry of Agriculture	2014-2020
	Staff	Ministry of Agriculture	2002-2014
Research and development projects over the last 5 years	11. Bioindustry-Based Prosperous Agricultural Area Development Model (SAPIRA) in Central Java (Ministry of Agriculture, 2020) 12. Collaborative Innovative Research Assistance in the Application of Mechanization Technology in Rice Cultivation in Central Java (Ministry of Agriculture, 2021) 13. Development of Air Transportation Infrastructure to Support Changes in the Economic and Political Constellation Related to the Relocation of the Capital City (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2022) 14. Development of a Business Governance Model in Social Forestry Areas: A Case Study of Sorghum and Shallot Commodities (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2022) 15. Research on Efforts to Increase Food Production through Sustainable Early Maturation Rice (Regional Planning, Research, and Development Agency of Semarang Regency, 2023) 16. Public Knowledge and Perception of Groundwater Utilization and Conservation in Pekalongan City (Regional Development Planning, Research, and Development Agency of Pekalongan City, 2023) 17. Business and Institutional Good Governance Model to Support Sustainable Forest Village Practices (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2023) 18. Environmental and Socioeconomic Study of Soil Block Based on <i>Rawa Pening</i> Sedimentation for Environmentally Friendly and Sustainable Chili Commodities (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2023-2025)		

	19. Covid-19 Pandemic Impacts on Supply Chain and Strategy For Agribusiness System Resilience Development (ACIAR, 2023-2024) 20. Collaborative Research on the Integration of Cooperatives and Corporations to Promote a People's Economy and Future Projections of the Agricultural and Food System in Indonesia (Faculty of Economics and Management, IPB and IFPRI, 2024) 21. Village Development Governance Transformation Model: Optimizing Village Funds to Support the Acceleration of Sustainable, Inclusive Development (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2024) 22. Synergy Model for Business Entity to Improve Food, Energy and Water Security (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2025)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=57210259806 Google Scholar : https://scholar.google.com/citations?user=cJ5qYVcAAAAJ&hl=id Orcid id: https://orcid.org/0000-0002-4841-3897		
Activities in specialist bodies over the last 5 years	Indonesian Engineers Association	Member	2023-now
	Indonesian Researchers Association	Member	2019-now

Staff Handbook

Name	Dr. Dra. Forita Dyah Arianti, M.Si.		
Post	Researcher of Natural Resources and Environmental Management, Sustainable Agro-Industrial Systems.		
Academic Career	Research Group Coordinator Development of Micro Industries and Sustainable Bioresource Engineering	Research Center for Sustainable Production System and Life Cycle Assessment, National Research and Innovation Agency	2022-2026
	Doctorate (Doctor in Environmental science)	Gajah Mada University, Yogyakarta	Graduated in 2012
	Master Degree (Master in Natural Resources and Environmental Management)	Bogor Agricultural Institute	Graduated in 2002
	Undergrade Program (Biology)	Jenderal Soedirman University, Purwokerto	Graduated in 1988
Employment	Research Professor	Research Center for Sustainable Production System and Life Cycle Assessment, National Research and Innovation Agency	2022-Now
Research and development projects over the last 5 years	- Utilization of urea coated with Babandotan weed (<i>Ageratum conyzoides</i>) to increase nitrogen (N) fertilizer efficiency, increase rice and corn productivity and reduce greenhouse gas (GHG) emissions in rain-fed rice fields. (Agricultural Research and Development Agency - Ministry of Agriculture - 2018) - Evaluating the Effectiveness of Multi-Location and Multi-Commodity Bio-Phosphate Fertilizer on Corn (<i>Zea mays</i>) Growth and Yield . (Central Java Assessment Institute for Agricultural Technology ,2021) - Prospects and Opportunities for Sorghum Development to Support Food, Animal Feed, and Energy Self-Sufficiency in the Central Regions of Yogyakarta and Central Java (BRIN - National Research and Innovation Agency, 2022) - Optimization of Oil Palm Replanting Land for Integrated Corn and Poultry Farming to Foster a Circular Economy in Plasma Communities of West Kotawaringin, Central Kalimantan (BRIN-		

	National Research and Innovation Agency, and Central Kalimantan Regional Government 2023) 5. Environmental and Socioeconomic Study of Soil Block Based on <i>Rawa Pening</i> Sedimentation for Environmentally Friendly and Sustainable Chili Commodities (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2023-2025) 6. A Study on Bioethanol Production from Rice Straw and Cattle Rumen Biomass Waste as a Source of Renewable Energy (BRIN- National Research and Innovation Agency, 2023) 7. Enhancing Food Production Through the Sustainable Development of Early-Maturing Rice Cultivation (Semarang district government ,2023) 8. Potential for Regional Development and Sustainable Analysis of Food Production System to Reduce Inflation (BRIN-Badan Riset dan Inovasi Nasional/National Research and Innovation Agency, 2023-2025) 9. Assessing the Effectiveness of Integrated Farming System Policy Implementation (Regional Research and Innovation Agency, Central Java Province, 2024). 10. Innovative Strategy Development for Integrated and Sustainable Sawah Village in the Mijen Region (Agriculture Office of Semarang City, 2024) 11. Improving Shallot Productivity for Sustainable Agriculture Based on Smart Farming Approaches in Semarang City (Regional Research and Innovation Agency, Semarang City, 2024). 12. Life Cycle Assessment (LCA) of Water Hyacinth-Based Antifungal Production for Extending Shelf Life of Central Java's Priority Horticultural Commodities, 2023-2024 – University Wahid Hasyim, Semarang) 13. Utilization of Sugarcane Bagasse Waste as Compost Blocks and Bio-Compost Blocks for Environmentally Friendly and Sustainable Shallot Cultivation, (BRIN- National Research and Innovation Agency, 2024-2026) 14. Assessment of Rumen-Derived Enzymes and Lactic Acid Bacteria in the Bioconversion of Agro-Livestock Lignocellulosic Waste to Bioethanol (BRIN- National Research and Innovation Agency, 2024-2026) 15. Application of Green Technologies in Extensive Beef Cattle Farming for Mitigating Greenhouse Gas Emissions (BRIN- National Research and Innovation Agency, 2025-2027) 16. Design and Development of a Biomass-Fueled Brooding Heater from Coconut Shell Waste for Sustainable Chicken Farming (BRIN- National Research and Innovation Agency, 2025)
Industry collaborations over the last 5 years	-
Patents and proprietary rights	1. The team released the Sri Rejeki Grobogan variety as a superior variety of green bean plants. (Ministry of Agriculture - 2025). 2. Life Cycle Costing (LCC) Dataset for Smart Biosalin Farming in High Salinity Lands. (BRIN- National Research and Innovation Agency, 2025)

	3. Registered Patent for Chlorella vulgaris Biomass Production Process Using Carbon Dioxide Contained in Biogas . (BRIN- National Research and Innovation Agency, 2024) 4. Registered Patent: Bioethanol Production Process From A Mixture Of Rice Straw And Cow Rumen Contents. (BRIN- National Research and Innovation Agency, 2024) 5. A registered patent for the composition of biocompost blocks derived from bagasse, serving as an environmentally friendly organic soil ameliorant, along with the method of their manufacture. (BRIN- National Research and Innovation Agency, 2024)
Important publications over the last 5 years	Scopus link : https://www.scopus.com/authid/detail.uri?authorId=57222183551 Google Scholar : https://scholar.google.com/citations?hl=id&user=Y2ciG2wAAAAJ Web of Science Researcher ID: KCK-6643-2024.
Activities in specialist bodies over the last 5 years	Indonesian Researchers Association Head of the Division of Research Ethics and Integrity In Indonesian Researchers Association Central Java 2023 - Now

Staff Handbook

Name	Dr. Miranti Dian Pertiwi, S.P., M.Sc.		
Post	Sustainable Agriculture; Sustainable Agro-Industrial System		
Academic career	Doctorate (Doctor in Agricultural Sciences)	Gadjah Mada University	Graduated in 2020
	Master's degree (Agronomy)	Gadjah Mada University	Graduated in 2012
	Undergrade Program (Bachelor in Agronomy)	Agriculture Institute (INSTIPER) Yogyakarta	Graduated in 1996
Employment	Senior Researcher	Research Center for Sustainable Production System and Life Cycle Assessment, BRIN	2022-now
Research and development projects over the last 5 years	1. Study of Increasing the added value and competitiveness of the potato industry at the farmers' group level (IAARD-2021) 2. The development of business governance model in social forestry area; cases study on shallot and sorghum commodities in Brebes and Majalengka Regency (BRIN-2022) 3. Development of Inclusive and Sustainable Forest Village Business Governance Models and Strategies in Mount Tampomas Sumedang Nature Park Area (BRIN-2023) 4. Study of Bioethanol Production from Straw Biomass Waste and Cow Rumen Contents as a Renewable Energy Source (BRIN-2023) 5. Environmental and Socio-Economic Assessment of Double Pot Soil Block Development Based on Rawapening Sediments for Environmentally Friendly and Sustainable Chili Commodities (LPDP RIIM - 2023-2025) 6. Impact of Improved Agronomic Practices on Shallot Productivity and Seed Production (ACIAR - 2023-2025) 7. Evaluation of Rumen Microbial Enzymes and Lactic Acid Bacteria Lactic Acid Bacteria for the Bioconversion Process of Agricultural-Livestock Lignocellulosic Biomass Waste into Bioethanol (LPDP RIIM - 2024-2026) 8. Green Technology in Extensive Cattle Farming to Reduce Greenhouse Gas Emissions (LPDP RIIM - 2025-2027)		
Industry collaborations over the last 5 years	1. Industrial Potato Seed Development Program for Millennial Farmers (CV. Dieng Agro Mandiri – 2021-2022) 2. Development of a Renewable Energy-Based Brooding Heating System from Coconut Shell Biomass Waste for Sustainable Chicken Farming (CV. Markido Anugrah Sejahtera – 2025)		
Patents and proprietary rights	1. Production Process of Bioethanol from A Mixture of Rice Straw and Cow Rumen Contents (Registered Simple Patent – 2024) 2. Production Process of Chlorella Vulgaris Biomass by Utilizing Carbon Dioxide Contained in Biogas (Registered Ordinary Patent – 2024) 3. Release of the Sri Rejeki Grobogan Variety as a Superior Variety of		

	Green Bean Plants (Decree of the Minister of Agriculture – 2025)		
Important publications over the last 5 years	Scopus Link: Pertiwi, Miranti Dian - Author details - Scopus Google Scholar: Miranti Dian Pertiwi - Google Scholar		
Activities in specialist bodies over the last 5 years	Indonesian Researchers Association of Central Java Province	Intellectual Property Division	2024-2025
	Indonesian Agronomy Association, Central Java Province.	Community Service Division	2023-2024
	Indonesian Agricultural Meteorology Association, Central Java Branch	Secretary	2022-2024

Staff Handbook

Name	Dr. Tri Martini Patria, SP., M. Si		
Post	Natural Resources and Environmental Economics		
Academic career	Principal Expert Researcher	BRIN	2024-now
	Doctorate (Doctor in Agriculture)	Gadjah Mada University, Yogyakarta	Graduated in 2014
	Master Degree (Magister Sains in Entomology & Phytopatology)	Bogor Agricultural Institute, Bogor	Graduated in 2001
	Undergrade Program (Bachelor in Agri-Technology)	Universitas Pembangunan Nasional, Yogyakarta	Graduated in 1998
Employment	Researcher	BRIN	2022-now
	Director	Ministry of Agriculture	2002-2022
Research and development projects over the last 5 years	1. Circular Economy for Sustainable Management of Plastic Waste to Produce Liquid Fuel and the Environmental Impact of the Whole Life Cycle (Case Study) (2022-now) 2. Fuel Characteristics of Pyrolysis Oil from Plastic Waste: A Case Study of Banjarnegara Waste Bank (2023-now) 3. The influence of legal compliance in farmer group on the growth and development of sustainable mangrove ecosystem (2022-2024) 4. Land use planning strategies for food versus non-food estate sustainable farming (2022-2024) 5. Carbon sequestration potential of Tamanu (<i>Calophyllum inophyllum</i>) in Gunung Kidul, Yogyakarta (2023-2024) 6. Farm Sustainability Assessment and Model: Achieving Food Security through the Food Estate Program in North Sumatra (2022-2024) 7. Optimizing water-energy-food nexus: achieving economic prosperity and environmental sustainability in agriculture (2020-2024) 8. Persistence Patterns and Intensity of Leaf Rust Disease in Chrysanthemum Production Systems (2010-2022) 9. Characterization <i>E. coli</i> isolated clinical and subclinical mastitis at Ettawa-Crossbreed Goat (PE) in Yogyakarta, Indonesia (2021-2023) 10. Sustainability Engineering on Chicken Slaughterhouse Waste as a Source of Liquid Biofertilizers Supporting Eco-Farming (2020-2022) 11. Shallot Double Production Technology Adaptation Test (Proliga) on Majalengka Highland (2019-2023) 12. Enviromental Effect of Planting Place Height on Growth and Yield of Six New Superior Varieties of Chrysanthemum (<i>Dendranthema grandiflora</i>) (2014-2022) 13. The Effect of P2O5 Fertilizer, Zeolite, and Volcanic Soil Media from Different Altitudes on the Soil Mineral, Growth, Yield, and Asiaticoside Content of <i>Centella asiatica</i> L. (2019-2022) 14. Phenotypic characteristic of <i>Staphylococcus aureus</i> from subclinical mastitis in Etawah-crossbreed goats in Yogyakarta, Indonesia (2020-2022) 15. Double Production of Shallot (<i>Allium cepa</i> L var. <i>aggregatum</i>) based on Climate, Water, and Soil Management in Sandy Land (2015-2021)		

	16. Bioecology of rust on <i>Dendrathera grandiflora</i> in Yogyakarta-Indonesia (2019-2022) 17. Utilization of plant varieties for agribusiness supporting tourism and economy as an appropriate technology in <i>Chrysanthemum</i> production during the Covid-19 pandemic and beyond in Indonesia (2014-2022) 18. Development Of The Applied Technology Based On Corn-Soybean Intercropping On The Rainfed Lowland And Environmental Considerations (2021-2022) 19. The Occupancy of Barn Owl in The Artificial Nest Box to Control Rice Field Rats in Yogyakarta Indonesia (2019-2021) 20. Technology Transfer, IP Management, Product Commercialization and Stewardship Training Program di Michigan State University, East Lansing, Michigan, United State of America (2017-2019)		
Industry collaborations over the last 5 years	1. Coordinator Research Group for Research on the Sustainability of the Environmental Management Ecosystem to Increase the Productivity and Competitiveness of MSMEs in the Special Region of Yogyakarta (Chamber of Commerce and Industry Indonesia, 2023-now) 2. Coordinator Research Group for Research And Innovation In Processing Plastic Waste Into Fuel Oil (PT. Bank Sampah Banjarnegara, 2025-now)		
Patents and proprietary rights	Intellectual Property: 1. https://pdki-indonesia.dgip.go.id/search ; 2. https://intipdaqu.brin.go.id/hakcipta/detail/728 ; 3. https://intipdaqu.brin.go.id/paten/detail/3683 ; 4. https://pdki-indonesia.dgip.go.id/detail/5be3c870113db05124809af88790a866317f5c3ab84856264749fa4a0fe95cfa?nomor=IPT2024205711&type=trademark&keyword=petasol ; 5. https://pdki-indonesia.dgip.go.id/detail/e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855 ; 6. https://intipdaqu.brin.go.id/paten/detail/3683 ; 7. https://pdki-indonesia.dgip.go.id/detail/e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855		
Important publications over the last 5 years	Scopus link: https://www.scopus.com/authid/detail.uri?authorId=57674319100 Google Scholar: https://scholar.google.com/citations?user=s3ar8PIAAAAJ&hl=id&oi=ao Resarch Gate link : https://www.researchgate.net/profile/Tri-Martini-Patria-Msi Linkedin link: https://www.linkedin.com/in/tri-martini-0390a31a0/?originalSubdomain=id		
Activities in specialist bodies over the last 5 years	Indonesian Society of Researcher (Perhimpunan Periset Indonesia / PPI)	Head of Quality Assurance	2023-2028
	Indonesian Society of National Leadership Training Course II	Member	2021-now

	Indonesian Society of Phytopatology	Member	2001-now
--	--	--------	----------