

PUTU GDE ARIASTITA

Name	Putu Gde Ariastita, ST., MT.		
Post (Expertise)	Assistant Professor (Urban and Land Use Planning)		
Academic career	Initial academic appointment	Institution	Year
	Doctoral degree	—	—
	Master's degree	Institut Teknologi Bandung (Architecture)	2002 - 2004
	Undergraduate degree	Institut Teknologi Bandung (Urban and Regional Planning)	1996 - 2001
Employment	Position	Employer	Period
	Lecturer, Researcher	Department of Urban and Regional Planning, Institut Teknologi Sepuluh Nopember, Surabaya	2005 - until now
	Head of Laboratory	Urban Planning Laboratory, Department of Urban and Regional Planning, Institut Teknologi Sepuluh Nopember, Surabaya	2015 - 2019
	Head of Department	Department of Urban and Regional Planning, Institut Teknologi Sepuluh Nopember, Surabaya	2011 - 2015
Research and development projects over the last 5 years	Publication		
	2023		
	- Firmansyah, F., Ariastita, P. G. , Wirawan, I., Yusuf, M., Koswara, A. Y., & Argarini, T. O. (2023). Determination of Marine Conservation Areas by means of Satellite Imagery and Participatory Planning in Bawean Island, Gresik Regency, East Java. IOP Conference Series: Earth and Environmental Science, 1186(1), Article 012007. https://doi.org/10.1088/1755-1315/1186/1/012007		
	2022		
	- Siagian, L. D. T., Stefanugroho, P. K., Nisa, Z., Septanaya, I. D. M. F., & Ariastita, P. G. (2022). Assessment of liveability on settlements developed by informal land subdividers in Gunung Anyar and Rungkut Districts, Surabaya. IOP Conference Series: Earth and Environmental Science. https://doi.org/10.1088/1755-1315/1015/1/012015		
2021			
- Septanaya, I. D. M. F., Ariastita, P. G. , Firmansyah, F., & Rizky, F. (2021). Selecting The Best Route for Aerial Ladder Truck to Speed Up Response Time in High-Rise Buildings Located in Unprotected and High Fire Risk Areas. Jurnal Penataan Ruang, 16(2).			
2020			
- Faradisa, S., Ariastita, P. G. , & Septanaya, I. D. M. F. (2020). Typology of simple rented flats in Surabaya: Tipologi rumah susun sederhana sewa (Rusunawa) di Kota Surabaya. Jurnal Teknik ITS, 9(2), 93.			
Research			

2023

- **Lead Researcher**, Strategies for Developing Settlement Infrastructure by Increasing Resilience in the Face of Epidemic in Tamansari Village, Bandung City. ITS Fund Program (final project upgrading).
- **Lead Researcher**, Residents Perceptions of the Habitability of Formal Housing in Peri-Urban Areas. ITS Fund Program (final project upgrading).
- **Research Team Member**, Zoning and Airspace Security Arrangements at Juanda Commercial Airport. Departmental Fund Program (Research) Batch 2, Departmental Research Scheme (Batch 2).

2022

- **Lead Researcher**, Zoning and Airspace Security Arrangements in the Main Military Base Area (Case Study: Iswahyudi Air Base). Departmental Fund Program (Research) Batch 2, Departmental Research Scheme (Batch 2).
- **Research Team Member**, Effectiveness of Land Bank in Providing Affordable Housing in Surabaya City. Departmental Fund Program (Research) Batch 2, Departmental Research Scheme (Batch 2).

2021

- **Lead Researcher**, Impact of Infrastructure on Residential Land Value: Case Study of Surab City. Departmental Fund Program (Research), Departmental Research Scheme.
- **Lead Researcher**, Development of Penglipuran Traditional Settlement Digital Museum in an Effort to Preserve Local Culture. ITS Fund Program (final project upgrading).
- **Research Team Member**, Housing Choice and Housing Preferences of Millennial Generation in Surabaya City. Departmental Fund Program (Research), Departmental Research Scheme.

2020

- **Research Team Member**, Spatial aspects of the spread of Covid-19. Case Study of Surabaya City. Departmental Fund Program (Research), Departmental Research Scheme.

2019

- **Research Team Member**, The Concept of Structuring the Area Around the Tomb of Sunan Kudus as Religious Tourism. Departmental Fund Program (Local ITS 2019), Departmental Research Scheme.
- **Lead Researcher**, Study of the Effectiveness of the Payment for Environmental Services Scheme in Wonokitri Village in Efforts to Protect Umbulan Spring to Follow Up on Potential Cooperation between ITS and Rejoso Kita. ITS Fund Program.
- **Research Team Member**, Housing Choice and Housing Preferences of Millennial Generation in Surabaya City Scenario Analysis of Urban Spatial Structure Pattern on Energy Consumption and Greenhouse Gas Emission Production in Surabaya City. ITS Fund Program.

Community Service**2023**

- Strengthening Ormawa in Improving Student Scientific Culture: The Context of Student Creativity Program.
- Improving the Quality of Student Creativity Program Implementation with Progressive Competition Model.

	<ul style="list-style-type: none"> - Empowerment of Angkot Drivers of Paguyuban Guyub Rukun in Malang City through Service Digitalization to Increase Income. <p>2022</p> <ul style="list-style-type: none"> - Surabaya University's Synergy in Improving Scientific Culture and Student Affairs Through Progressive PKM (Student Creativity Program) Guidance. <p>2021</p> <ul style="list-style-type: none"> - Preparation of Analysis of Primary Sector Economic Empowerment Patterns in the New Normal Era. - Improving the Quality of PKM (Student Creativity Program) in Surabaya Universities. - Bank Tlethong BUMDes Curah Cottok: Transforming Cow Tletong from Waste to Commodity as a Sustainable Bismic Business to Improve Welfare and Environmental Cleanliness of Curah Cottok Village, Situbondo Regency. - Assistance in Preparing a Synchronization Study of Sectoral Development Plans with Spatial Plans. - Development of a Web-based Housing Infrastructure, Facilities, and Utilities E-Management Smart System to Improve the Quality of Regional Asset Management in Sidoarjo Regency. - Giri and Bandar Jaratan Virtual Museum Area. Smart Village Application on Sustainable City Management with Digital Technology. <p>2020</p> <ul style="list-style-type: none"> - Web-Based Intelegent E-Management System for Housing Infrastructure, Facilities, and Utilities in Sidoarjo District. - Brani: Integrated System for Transformation of Agribusiness Products of Brantas Sunber Village. Stone into Marketable Products Based on Millennial Technology. - Capacity Building for Waste Management in Surabaya City. - Bandar Gresik Virtual Museum: Application of Smart Kampung on Historic City Management with Digital Technology. <p>2019</p> <ul style="list-style-type: none"> - IT Training in Genteng Village.
<p>Industry collaborations over the last 5 years</p>	<p>2024</p> <ul style="list-style-type: none"> - Team Leader : Consulting services for pre-counter approval of the substance of the detailed spatial plan for Taman Subdistrict, Madiun City. - Team Leader : Strategies and policy of housing and settlement in 2045. - Team Leader : Formulation of development direction of east java province in 2025-2029. - Team Leader : Strategies and policy of transportation in 2025-2045. <p>2023</p> <ul style="list-style-type: none"> - Team Leader : Spatial Plan Preparation Process (Consultancy Services for Assistance in Preparing and Synchronizing Sidoarjo Spatial Plan). - Team Leader : Application Process for Substance Approval and Legalization of East Java RTRWP. - Team Leader : Consultancy Services for Determination of RANPERDA on Regional Spatial Plan Madiun City. - Team Leader : KLHS Document of Lengkong Urban Area. - Team Leader : KLHS Document of Rejoso Urban Area of Nganjuk District. - Team Leader : Consultancy Services for Pre-Approval of the Substance of the Kartoharjo Detailed Spatial Plan.

	<ul style="list-style-type: none"> - Team leader : The preparation of the feasibility study of the Indonesia Islamic Science Park (IISP). - Team Leader : The design concept for puspa agro central market. <p>2022</p> <ul style="list-style-type: none"> - Team Leader : Procurement of Technical Material Preparation of Coastal Waters in the Framework of Integration with East Java Provincial Spatial Plan. - Team Leader : Consultancy Services for the Madiun City Detailed Spatial Plan. - Team Leader : Integration of RZWP3K and the Process Towards the Pre-Letter of the Provincial RTRW Revision. - Team Leader : Indonesia Islamic Science Park (IISP) Design Concept Preparation. <p>2021</p> <ul style="list-style-type: none"> - Team Leader : Masterplan of Sebelimbingan Stagen Tarjun Strategic Area and Serongga Kota Baru South Kalimantan. - Team Leader : Industrial Development Plan of Madiun Regency. - Team Leader : Basic Settlement Infrastructure Development Plan in Support of PSN Tuban Oil Refinery. - Team Leader : Infrastructure Development Plan Supporting the Medium City Development Corridor in East Java. - Team Member : Drinking Water Infrastructure Master Plan in Kediri City. - Team Leader : Updating the Zoning of the Bawean Islands Conservation Area and Its Surrounding Waters. <p>2020</p> <ul style="list-style-type: none"> - Team Leader : Infrastructure Development Plan Supporting the Investment Axis of Probolinggo-Situbondo-Banyuwangi Section. - Team Leader : Regional Infrastructure Development as Adaptation Disaster in the New World Order. - Team Leader : Development Plan of Infrastructure Supporting the Gresik-Lamongan-Tuban Investment Axis. - Facilitator : preparation of the East Java Province Coastal and Small Island Management Plan. - Team Leader : Feasibility Study of Port Development Plan in South Siantan, Anambas Islands Regency 6. <p>2019</p> <ul style="list-style-type: none"> - Team Leader : Compilation of Disaster Risk Reduction Identification in East Java Province. - Team Leader : Synchronizing Spatial Plan with the Policy of Protection of Rejoso Watershed. - Team Leader : Socialization of the Zoning Plan for Coastal Areas and Small Islands of East Java Province.
<p>Patents and property rights</p>	<ol style="list-style-type: none"> 1. Christiono Utomo. et al., 2023. Harmoni Lingkungan Binaan: Inovasi dan Transformasi untuk Pembangunan Berkelanjutan : Bunga Rampai. Indonesia, Patent No. 9786233181990. 2. Karina Pradinie Tucunan., S. M. et al., 2020. Tokoh Utama “Caka Dan Saka” Video Bandar Gresik Virtual Museum: Aplikasi Smart Kampung Pada Pengelolaan Kota Bersejarah Dengan Teknologi Digital. Indonesia, Patent No. 000229363. 3. Nizam, Kusumawardani. et al., 2023. Evaluasi Perjalanan PKM. Indonesia, Patent No. 9786029290608.

	4. Sutijo, B. et al., 2021. Pengembangan Inovasi Teknologi II. Indonesia, Patent No. 9786233180795.		
Important publications over the last 5 years	—		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Construction Service Development Board	Middle Expert in Urban and Regional Spatial Planning	2023 - now