



Dr. Drs. Tarzan Purnomo, M.Si.

Position	<i>Lecturer of Ecology, Teaching Activities</i>		
	Doctor in Coastal and Marine Environments		
Academic career	Degree	University	Year
	Graduate Program (S-1 Program) at Department of Biology Education, Faculty of Mathematics and Natural Sciences	IKIP Surabaya (Surabaya Institute of Teacher Training and Education) - Indonesia	1986 - 1991
	Government Employer at Ministry of Research, Technology and Higher Education as a Lecturer	UNESA (State University of Surabaya) - Indonesia	1992 - Now
	Post Graduate Program (Master Program) at Biology, Postgraduate Program	UGM (Gadjah Mada University) - Indonesia	1995 - 1998
	Doctoral Program (S-3 Program) in Agricultural Sciences, with Coastal and Marine Environments Specialization	Brawijaya University - Indonesia	2007 - 2011
	Post-Doctoral Fellow on English Language Program and Marine Science	Victoria University of Wellington- New Zealand	2013
Employment	Unesa's Institution		
	Position	Employer	Period
	Doctor on Coastal and Marine Environments	UNESA (State University of Surabaya) - Indonesia	2011 - Now
	Secretary of the Department of Biology Faculty of Mathematics and Natural Sciences	UNESA (State University of Surabaya) - Indonesia	2002 - 2005
Secretary of the Department of Biology Faculty of Mathematics and Natural Sciences	UNESA (State University of Surabaya) - Indonesia	2016 - 2017	

Research and Development Project over the last 5 Years	Title	Year
	Biodiversity Potential of Bancaran Mangrove Invertebrates, Madura as a Source of SARS-CoV-2 Antiviral Compounds. Amount of Financing IDR 40.000.000 Research Project Name: PDUPT-Kemenristek (Member researcher)	2021
	Exploration of Biodiversity Mangrove Vegetation at Bancaran Madura Beach as an Icon of Marine Ecotourism Destinations. Amount of Financing IDR 20.000.000 Research Project Name: PNBP-Unesa (Head researcher)	2021
	Implementation of Microbial and Vegetable Bioinsecticides in Photo-Protectant formulas to Create a Sustainable Agroecosystem. (Year 3 of 3 years). Amount of Financing IDR 200.000.000 Research Project Name: STRANAS-Kemenristek (Member researcher)	2020
	Development of Cloth Masks with Herbs to Prevent Covid-19 Transmission. Amount of Financing IDR 10.000.000. Research Project Name: PNBP-Unesa (Member researcher)	2020
	Diversity, Density, and Dominance of Indigenic Bacterial Community Species in Fermented Fermetoge Feed. Amount of Financing IDR 10.000.000. Research Project Name: PNBP-Unesa (Head researcher)	2019
	Molecular Dynamics of Androgen Binding Protein (ABP) Due to Laserpuncture Induction Its Effect on Increased Testosterone Levels and Gonado Somatic Index (GSI) Value of Male Catfish (<i>Clarias</i> sp.). (Second year of 2 years). Amount of Financing IDR 65.000.000. Research Project Name: PDUPT-Kemenristek (Member researcher).	2019
	Implementation of Microbial and Vegetable Bioinsecticides in Photo-Protectant formulas to	2019

	<p>Create a Sustainable Agroecosystem. (Second year of 3 years). Amount of Financing IDR 200.000.000. Research Project Name: STRANAS-Kemenristek (Member researcher)</p>	
	<p>Molecular Dynamics of Androgen Binding Protein (ABP) Due to Laserpuncture Induction Its Effect on Increased Testosterone Levels and Gonado Somatic Index (GSI) Value of Male Catfish (<i>Clarias</i> sp.). Amount of Financing IDR 65.000.000. Research Project Name: PDUPT-Kemenristek (Member researcher)</p>	2018
	<p>Implementation of Microbial and Vegetable Bioinsecticides in Photo-Protectant formulas to Create a Sustainable Agroecosystem. Amount of Financing IDR 200.000.000. Research Project Name: STRANAS-Kemenristek (Member researcher)</p>	2018
	<p>Study of the Relevance of Alumni of the Department of Biology, State University of Surabaya through a Tracer Study. Amount of Financing IDR 10.000.000. Research Project Name: PNBP-Unesa (Member researcher)</p>	2017
	<p>Strengthening the Character of Environmental Care in Biology Students to Support Conservation Campus Icons. Amount of Financing IDR 10.000.000. Research Project Name: PNBP-Unesa (Head researcher)</p>	2017
	<p>Utilization of Probiotics to Improve Feed and Aquatic Quality in Environmentally Friendly African Catfish (<i>Clarias gariepinus</i>). Amount of Financing IDR 10.000.000. Research Project Name: PNBP-Unesa (Member researcher)</p>	2016
	<p>Study of the Relevance of Alumni of the Department of Biology, State University of Surabaya through a Tracer Study. Amount of Financing IDR 10.000.000. Research Project Name: PNBP-Unesa (Head researcher)</p>	2016

	<p>Assessment of Potential Socio-Economic and Environmental Conditions and Development Plans for Karang Kiring Village, Kebomas District, Gresik Regency. Amount of Financing IDR 127.245.000. Research Project Name: CSR-PGN (Head researcher)</p>	2014
	<p>Assessment of Potential Socio-Economic and Environmental Conditions and Development Plans for Kedung Turi Village, Taman District, Sidoarjo Regency. Amount of Financing IDR 127.245.000. Research Project Name: CSR-PGN (Head researcher)</p>	2014
	<p>Study on the Use of <i>Typha latifolia</i> L. as Phytoremediator of Heavy Metals on Agricultural Land Contaminated with Lapindo Mud as a Model for the Biological Absorption Mechanism of Heavy Metals. Amount of Financing IDR 75.000.000. Research Project Name: Fundamental Research-Kemenristek (Head researcher)</p>	2014
Patent and Proprietary Right	Title	Year
	<p>Tarzan Purnomo Method of Making Bioabsorbent from Cat's Tail (<i>Typha Latifotia</i> L.) For Lead Phytoremediation, Patent 1DP000065374</p>	12 December 2019 Valid for 20 years from announcement. Announced 12 December 2019
	<p>Nadila Nur Rahma Windari, Siti Isnaini Fauziah, Anisya Eka Juniar, Tarzan Purnomo The Process of Making Biobactericide Made from Chitosan from Blood Shells (<i>Anadara granosa</i>) to eradicate <i>Ralstonia solanacearum</i> Bacteria. ID: PID201905426</p>	2020
	<p>Mahanani Tri Asri, Yuliani, Tarzan Purnomo Monograph Book: Implementation of Microbial and Plant Bioinsecticides as Pest Control in Agricultural Agroecosystems ID: PID000230485.</p>	2020
	<p>Mahanani Tri Asri, Yuliani, Eri, Evie Ratnasari, Tarzan Purnomo</p>	2020

	Farmer's Handbook 1: "Pest Diversity in Soybean Plant Ecosystems in Jombang and Probolinggo Regencies ID: PID000230485	
	Fida Rachmadiarti, Herlina Fitrihidajati, Tarzan Purnomo, Sunu Kuntjoro, Winarsih Textbook of Ecology I (Individual and Population) ID: PID000159349	2019
Potential Articles over last 5 years	Title	Year
	1. Rini Fajarwati, Sarmanu, Chairul Anwar Nidom, Sri Pantja Madyawati, Imam Mustofa, Mirni Lamid, Sri Hidanah, Widya Paramita, Tarzan Purnomo , Mohammad Sukmanadi. 2020. Produksi dan Kualitas Telur Itik Alabio di Daerah Sentra Peternakan Desa Sungai Pandan, Kabupaten Hulu Sungai Utara, Kalimantan Selatan. J Med Vet 2020, 3(2):246-250. pISSN 2615-7497; eISSN 2581-012X 246. Oktober 2020, Vol.3 No.2, 246-250 online pada https://e-journal.unair.ac.id/JMV	2020
	2. Tarzan Purnomo , Dinik Rokhmatin, and Juni Rahayu. 2020. Suitability Analysis of Pond Ecosystems on the East Coast of Sidoarjo for Seaweed Cultivation on Productivity, Quality and Carrageenan Content of <i>Gracilaria</i> sp.	2020
	3. Tarzan Purnomo . 2019. Plankton Diversity in Intertidal Zone Kondang Merak Beach District of Malang, East Java.	2019
	4. Tarzan Purnomo . 2019. Biodiversity and Existing Condition of Coral Reef Ecosystem in Kondang Merak Beach Malang. Atlantis-press.com/proceedings/miseic-19/125928547. Advances in Computer Science Research , Volume 95, 2019.	2019
	5. Hartanto Mulyo Raharjo, Setiawan Koesdarto, Sri Agus Sudjarwo, Sri Pantja Madyawati, Pudji Srianto, Muchammad Yunus, Nenny Harijani, Soeharsono, Tarzan Purnomo , and Channarong Rodkhum. 2019. Physical parameters, feeding habit, and parasitological index of captive grouper from East Java Waters, Indonesia. Thai J Vet Med . 2019. 49(Supplement). Vol.49, pp.231-233, April 2019.	2019
	6. Mahanani Tri Asri, Yuliani, Tarzan Purnomo , Fida Rachmadiarti, Evie Ratnasari, and Agoes Soegianto. 2019. <i>Potential of Indonesian endemic microbial consortium in degrading profenofos and chlorantraniliprole pesticide in East Java Indonesia to support agricultural ecosystems</i> . Eco. Env. &	2019

	Cons. 25 (July Suppl. Issue) : 2019; pp. (S85-S90) Copyright@ EM International. ISSN 0971-765X. Volume 25, pp.S85-S90, 2019.	
	7. Fida Rachmadiarti, Tarzan Purnomo , Diana Nur Azizah, and Ayudhinar Fascavitri). 2019. <i>Syzigium oleina</i> and <i>Wedelia trilobata</i> for Phytoremediation of Lead Pollution in the Atmosphere. Nature Environment and Pollution Technology , An International Quarterly Scientific Journal, p-ISSN: 0972-6268, e-ISSN: 2395-3454, 2019 (Open access). Vol. 18, No.1, pp. 157-162, 2019.	2019
	8. Mahanani Tri Asri, Yuliani, Tarzan Purnomo , Fida Rachmadiarti, and Evie Ratnasari. 2018. <i>Soil, Physic and Chemistry Characteristics on Pesticide Application of Soybean Land in Jombang, Lamongan and Probolinggo</i> . Atlantis Highlights in Engineering (AHE) , Vol. 1, International Conference on Science and Technology (ICST 2018), 2018.	2018
	9. Fida Rachmadiarti, Herlina Fitrihidajati, Tarzan Purnomo , Yuliani, and Dwi Asih Wahyuningsih. 2018. <i>Azolla microphylla</i> and <i>Pistia stratiotes</i> as Phytoremediator of Pb (Lead). Atlantis Highlights in Engineering (AHE) , Vol. 1, International Conference on Science and Technology (ICST 2018), 2018.	2018
	10. Tarzan Purnomo , Fida Rachmadiarti and Soegiyanto. 2018. <i>Impact of Lapindo Hot Mud Flowing on Macrozoobenthos Communities in Estuary Porong, East Java</i> . Atlantis Highlights in Engineering (AHE) , Vol. 1, International Conference on Science and Technology (ICST 2018), 2018.	2018
	11. Tarzan Purnomo and Fida Rachmadiarti. 2018. <i>The Changes of Environment Factors and Aquatic Organism Biodiversity in East Coast of Sidoarjo Due to Lapindo Mud</i> . International Journal of Geomate , Volume 15, Issue 48. August 2018.	2018
	12. Tarzan Purnomo and Soegiyanto. 2017. <i>Content of Heavy Metals (Pb, Cd, and Se) on Agricultural Land Contaminated Hot Mud Porong and The Impact on Safety of Agricultural Product</i> . Advanced Science Letters . Jurnal online, Vol.23 No.12 December 2017.	2017
	13. Dyah Hariani dan Tarzan Purnomo . 2017. Pemberian Probiotik Dalam Pakan Untuk Budidaya Ikan Lele.	2017

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Activities in Specialist Bodis	Organization	Position	Period
	Indonesian Biology Association	Member	2005 - Now
	Maritime Partner Consortium	Coordinator for Advocacy and Education	1998 - Now
	Indonesian Coastal Management Expert Association	Research Coordinator	2010 - Now