

PROFILE

Full Name	:	Prof. Dr. Ir. Edi Purwanto, M.Sc.		
Education	No.	Jenjang	Universitas	Tahun
	1	Bachelor	UNS	1983
	2	Master	UP Los Banos Philippines	1990
	3	Doctoral	UP Los Banos Philippines	1994
Employment	No.	Jabatan	Instansi	Tahun
	1	Ketua UPK Pedesaan dan Lingkungan LPM	UNS	1995-1996
	2	Kepala LPM	UNS	1997-2000
	3	Sekretaris Prodi S2 Agronomi	UNS	2001-2003
	4	Kepala Prodi S2 Agronomi	UNS	2004-2007
	5	Asiten Direktur I Pascasarjana	UNS	2008-2012
	6	Plt Kepala Prodi S3 Ilmu Lingkungan	UNS	2009-2010
	7	Ketua Lab Fisio dan Biotek	UNS	2015-2023
	8	Kepala Prodi S3 Ilmu Pertanian	UNS	2019-2023
Research and development projects over the last 5 years	No.	Judul	Pendanaan	Tahun
	1	Karakterisasi plasmanutfah pangan lokal dan upaya pengembangannya pada agroekosistem tropis	PNBP	2016
	2	Pemanfaatan radiasi untuk pengembangan padi beras hitam berkualitas dan berdaya hasil tinggi	Ristek-DIKTI	2017
	3	The effect of azolla and biochar on quality of black rice	PNBP	2017
	4	Pemanfaatan radiasi untuk pengembangan padi beras hitam berkualitas dan berdaya hasil tinggi	Ristek-DIKTI	2018
	5	Hasil dan kandungan biokimiawi padi beras hitam terinduksi sinar gamma	PNBP	2019
	6	Pemanfaatan penanda morfologi dan molekuler untuk analisis keragaman plasmanutfah tanaman kopi di Temanggung Jawa Tengah	Ristek Dikti	2020
	7	Kajian pertumbuhan dan hasil mutan padi hitam hasil iradiasi dengan kandungan prolin tinggi untuk pengembangan ketahanan kekeringan	PNBP	2020
8	Kajian pertumbuhan dan hasil mutan padi hitam hasil iradiasi dengan kandungan prolin tinggi untuk pengembangan ketahanan kekeringan (lanjutan)	PNBP	2021	
Industry collaborations over the last 5 years	No.	Judul	Anggota	Tahun
	1			
	2			
	3			
	dst.			

Patents and proprietary rights	No.	Judul	Nomor	Tahun
	1	Fisiologi stres lingkungan tanaman budidaya	ISBN 978-979-498-752-0	2012
	2			
	dst.			
Important publications over the last 5 years	No.	Judul	Publikasi	Tahun
	1	Microclimate modification through shading and watering frequency treatments as efforts for ex situ conservation of pule pandak	Asian journal of agriculture ISSN 2580-4537 Vol 1 no 1 june 2017 Doi :10.13057/Asianjagric/g010/107	2017
	2	The reconstruction of ecotourism model based on resources and local wisdom	SEAJournal of contemporary business, economic and law ISSN 2289-1560 Vol 12 issued 4 April 2017	2017
	3	Response of some upland rice varieties to drought stress	Tropical drylands ISSN 2580-2828 Vol 1 no 2 Des 2017 Doi:10.13057/tropdrylands/1010202	2017
	4	The yield and quality of black rice in different altitude	IOP conf series of 4th ICSAE 2018 Doi:10.1088/1755-1315/142/1/012037	2018
	5	Effect of manure and plant spacing on yield and flavonoid content of <i>Elephantopus scaber</i> L	IOP conf series of 4th ICSAE 2018 Doi :10.1088/1755-1315/142/1/012038	2018
	6	Effect of utilization of tomato extract and foliar fertilizer as media on shoots multiplication of banana	IOP conf series of 4th ICSAE 2018, Doi:10.1088/1755-1315/142/1/012046	2018
	7	Morphology, production, and chemical content performance of black rice Matesih accession with several comparisons	IOP conf series of ICSAE 2018, Doi:10.1088/1755-1315/142/1/012052	2018
	8	The relations of electric conductivity with physiological characteristics of soybean seeds by matriconditioning invigoration treatment when stored	Acta univ agriculturae et silviculturae mendelianae brunensis journal Vol 66 no 4, 2018 Doi:10.11118/actaun201866040883	2018
	9	Induction of gamma radiation on growth and ferrum content of black rice at M1 generation	5th ICSAE , Hammamet city-Tunisia, Proceeding book ISBN 978-605-7557-39-1	2018
	10	Molecular characterization of plant growth promoting Rhizobacteria using 16S RNA sequences in the organic rice field of Sukorejo village Central Java Indonesia	Biodiversitas, Vol 19 no 6 November 2018 pp 2140-2145 DOI :10.13057/biodiv/d190623	2018
	11	Vermicompost and arbuscular mycorrhiza application on growth and yield of <i>artemisia annua</i> in low land	ISCARD IOP conf series 2019 Doi:10.1088/1755-1315/250/1/012008	2019
	12	Application of sugar cane bagasse and mycorrhiza on the growth of <i>artemisia annua</i> in high land area	ISCARD IOP conf series 2019 Doi:10.1088/1755-1315/250/1/012023	2019
	13	The short-stemmed selection of M4 generation of Mentik Susu rice mutants as irradiation result with 200 gray gamma ray	ISCARD IOP conf series 2019 Doi:10.1088/1755-1315/250/1/012034	2019

	14	Batik industry wastewater treatment using fito remediation of water hyacinth with adsorbent consist of organic waste bagasse, rice husks and bamboo charcoal	TICATE IOP Conf series 2019 Doi:10.1088/1757-899x/508/1/012111	2019
	15	Induction mutation for genetic improvement in black rice using gamma ray	Agrivita journal of agricultural sciences Vol 4(2) 213-220 , 2019	2019
	16	Evidence of pollen feature and peroxidase isozymes and their morphological complexity of ten local cultivars of sweet potato from Indonesia	Biodiversitas	2019
	17	Phenotypic diversity and plasticity index of <i>Eurycoma apiculata</i> populations in Eastern Sumatera Indonesia based on leaves morphology	Biodiversitas vol 21, number 7 July 2020 Doi:10.13057/biodiv/d210708	2020
Activities in specialist bodies over the last 5 years	No.	Judul		Tahun
	1	PERIPI	Anggota	Now
	2	PERAGI	Anggota	Now
	3	PERHORTI	Anggota	Now
	dst.			