

CURICULUM VITAE

Name	Dr. Ir. Rossyda Priyadarshini, MP
Gender	Female
Functional Position	Associate Professor
Employment Identity Number / NIP	196703191991032001
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Place & Date of Birth	Sampang, 19 March 1967
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Work number	-
ID Sinta/Scopus Author ID	5987548 /57196257822
Link Google Scholar	https://scholar.google.co.id/citations?user=PrpeBnMAAAAJ&hl=en
Number of Alumnus	Bachelor degree = 30 ; Master degree = 0 ; Doctoral degree= 1
Subjects	1. Basic of Soil Science
	2. Agroforestry
	3. Soil Fertility
	4. Watershed Management
	5. Land & Water Management
	6. Sustainable Agriculture System
	7. Remediation Technology

A. Education

	Bachelor degree	Master degree	Doctoral degree
Institution	Institut Pertanian Bogor	Universitas Brawijaya-Malang	Universitas Brawijaya-Malang
Field of Study	Soil Science	Soil & Water Management	Agricultural Science
Year of Study	1984-1990	1996-1999	2007-2012
Thesis/ Dissertation	Phosphorus Fractionation of Toposequences	Estimation of C-Stock, Input of Organic Matter, and the Relation to Earthworm Population of Wanatani System	Ecosystem Services of Coffee -Agroforestry System
Academic Supervisor /Promotor	Ir. Tatat Sutarman Abdullah	Prof.Ir. Kurniatun Hairiah, Ph.D	Prof.Ir. Kurniatun Hairiah, PhD

B. Work Experience

No	Position	Year
1	Head of LPPM UPN Veteran Jawa Timur	2023 - current
2	Secretary of LPPM UPN Veteran Jawa Timur	2019-2023
3	Head of Publication & Intellectual Property Rights Center, LPPM UPN Veteran Jawa Timur	2017-2019

C. Research Experience

Year	Research Title	Funding	Amount (million Rupiah)
1999	Estimation of C-Stock, Input of Organic Matter, and the Relation to Earthworm Population of Wanatani System	Self-funding	15
2002	Dinamika Pelepasan NH ₄ ⁺ , NO ₃ ⁻ , dan koloni Mikroba pada Sampah Akibat Penambahan Aktivator	FP-UPN “Veteran” Jatim	10
2004	Kajian Pemanfaatan Sampah sebagai Media Tanaman Sayuran	Dosen Muda – DIKTI	7.5
2006	Kajian Pemberian Kalsium dan Umur Panen terhadap Peningkatan Produktivitas Kadar Pati dan Gula Ubi Jalar (<i>Ipomoea batatas</i> L.)	IRN	7.5
2007/2008	Studi Diversitas Fauna Tanah sebagai Indikator Peningkatan Kualitas Tanah Salin	Hibah Pekerti – DIKTI	47.5
2008	Penyimpanan Karbon pada Sistem Penggunaan Lahan Pinus dan Kopi di Sub DAS Konto Kabupaten Malang	Self-funding	13.75
2008	Estimasi Cadangan Karbon, Masukan Bahan Organik, dan Populasi Cacing Tanah pada Sistem Agroforestri	Dosen Muda – DIKTI	7.5
2009	Pemanfaatan Cacing Tanah pada Lahan Agroforestri untuk Meningkatkan Layanan Fungsi Hidrologi Tanah: Bagaimana Cacing Tanah Memperbaiki Pori Makro dan Infiltrasi Tanah?	Hibah Bersaing – DIKTI	44.5
2010	Pemanfaatan Cacing Tanah pada Lahan Agroforestri Untuk Meningkatkan Layanan Fungsi Hidrologi Tanah: Bagaimana Cacing Tanah Memperbaiki Pori Makro dan Infiltrasi Tanah?	Hibah Bersaing- DIKTI	26.1
2010	Pengelolaan “Trade-off antara Perbaikan Porositas Tanah dan Pencucian NO ₃ ⁻ pada Kebun Kopi: Uji Validasi Simulasi Model” Soil Struct Dyn dan WaNuLCAS”	Hibah Doktor – DIKTI	20

2012	Analisis Layanan Ekosistem Berbasis Kopi	Self-funding	15
2013	Potensi Tumbuhan Liar yang Teradaptasi Sebagai Tanaman Remediator pada Lahan Pertanian yang Tercemar Tailing Tambang Emas	Fundamental – DIKTI	37.5
2013	Baseline Pengembangan Ekonomi Perkotaan Melalui Pertanian Perkotaan Kelurahan Pegirian-Surabaya	Wahana Visi Indonesia	80
2014	Analysis of Ecosystem Health Based on Landcover Changes in Sub Watershed, Sumber Brantas, East Java	DIPA-Biotrop	86
2015	Analisis Kesehatan Daerah Aliran Sungai: Kajian Fungsi Hidrologi Akibat Perubahan Tutupan Lahan untuk Pengembangan Imbal Jasa Lingkungan	Stranas – DIKTI	83
2015	Evaluasi Kegiatan Urban Healthy Environment Children Project (U-Health) di Kelurahan Pegirian – Surabaya	Wahana Visi Indonesia	82
2016	Analisis Kesehatan Daerah Aliran Sungai: Kajian Fungsi Hidrologi Akibat Perubahan Tutupan Lahan untuk Pengembangan Imbal Jasa Lingkungan	Stranas – DIKTI	83
2017	Pemanfaatan Tanaman Indigenous untuk Remediasi Lahan Tercemar	Penelitian Terapan-DIKTI- Anggota	
2018	Pengelolaan Ekosistem Mangrove untuk Mitigasi Dampak Perubahan Iklim	Penelitian KLN-Internal UPN	75
2019	Pemanfaatan Biochar dan Tanaman Indigenous untuk Lahan Tercemar	Penelitian Terapan-DIKTI-Anggota	
2019	Eksplorasi Metagenome DNA Tanah untuk Rehabilitas Lahann Terdegradasi	Penelitian Dasar-DIKTI	128
2019	Pengemas Botol Hemat Energi	CPPBT	381
2020	Pertanian Berkelanjutan pada Lahan Kritis dengan Pendekatan Komoditas Unggulan di Dataran Sedang Kabupaten Pasuruan	RISDA LANJUTAN-Anggota	34
2020	Characterization of Enzymes Activities and Microbial Community Structure on Tropical Landuse	Kerjasama Luar Negeri (KLN)	45
2021	Fitotoksisitas Lahan Tercemar dengan Biochar Coated Humat (BCH) untuk Menghasilkan Pangan yang Sehat dan Berkelanjutan	Penelitian Terapan-Kemenristek Dikti (Anggota)	
2021	Characterization of Enzymes Activities and Microbial Community Structure on Tropical Landuse (Tahun kedua)	Kerjasama Luar Negeri (KLN)	40

2022	Assessment of Soil Enzymes, Antioxidant Activity and Content of <i>Piper Betle</i> Under Salinity Stress	Kerjasama Luar Negeri (KLN)	40
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D. Community Service Program

Year	Community Service Activities	Funding	Amount (million Rupiah)
2013	Pemberdayaan Masyarakat Kelurahan Pegirian Menuju Go Green Melalui Penerapan Teknologi Ramah Lingkungan	DIKTI	50
2014	Pemberdayaan Ekonomi Masyarakat Kelurahan Pegirian Melalui Penerapan Teknologi Pasca Panen Produk Urban Farming	DIKTI	50
2014	Pengembangan Pertanian Perkotaan Melalui Teknologi Urban Farming	Wahana Visi Indonesia	80
2015	Pemberdayaan Masyarakat Urban dalam Mendukung Kawasan Hijau, Bersih, dan Mandiri Berbasis Teknologi Urban Farming di Kecamatan Pegirian Surabaya	DIKTI	65
2016	Pemberdayaan Masyarakat Melalui Pengelolaan Limbah Organik di Desa Sumber Brantas, Kota Batu	DIKTI	65
2017	Diseminasi Teknologi Biochar Dan Asap Cair Berbasis Bahan Baku Lokal Untuk Peningkatan Nilai Ekonomis Limbah Kelapa Dan Perbaikan Lingkungan	DP2M	98,5
2018	KKN Tematik “ Pemanfaatan sumberdaya local untuk peningkatan kesejahteraan masyarakat”	Internal	50
2019	KKN Tematik :’ Desa Wisata Kecamatan Licin”	Internal	50
2020	BIMA : Inovasi Pakan Ternak Fermented Temu Piper	Internal	50
2021	BIMA : Smart Kandang Berbasis IoT	Internal	35
2022	Implementasi Alat Ttg Untuk Mekanisasi Pengolahan Pakan Ternak	Internal	30

E. Publications

No.	Article Title	Journal	Volume/No/ Year
1.	Studi pemanfaatan Limbah Organik Asal Ulat Sutera dan Penambahan Biofund untuk Meningkatkan Produksi Tanaman	Mapeta, UPN “Veteran” Jatim ISSN 1411-2817	Vol.8 No.3/2006
2.	Cadangan Karbon pada Sistem Penggunaan Lahan Kopi dan Pinus: Apakah Umur Tegakan Mempengaruhi Besarnya Karbon Tersimpan? -	Prosiding Seminar Konservasi Flora Indonesia, LIPI-Bali	Hal. 716-723 ISBN 978-979-799-447-1 2009

3.	Estimasi Sumbangan Karbon, Seresah, dan Hubungannya dengan Keberadaan Cacing Tanah pada ystem Agroforestri	Prosiding Seminar Konservasi Flora Indonesia, LIPI-Bali	Hal. 650-657 ISBN 978-979-799-447-1 2009
4.	Potensi Hutan Pinus sebagai Penyimpan Karbon di Kecamatan Ngantang, Kabupaten Malang	Prosiding Seminar Konservasi Flora Indonesia, LIPI-Bali	Hal. 644-649 ISBN 978-979-799-447-1 2009
5.	Teknologi Teh Kompos dari Limbah Ulut Sutera: Peranannya terhadap Pertumbuhan dan Produksi Tanaman	Prosiding Seminar Nasional: Peranan Ilmu dan Teknologi Pertanian dalam Mewujudkan Ketahanan Pangan, Denpasar, Bali	Hal. 234-239 ISBN 978-602-8659-02-4 2009
6.	Dapatkah Keragaman Pohon Memperbaiki Fungsi Hidrologi Tanah? Keragaman Tajuk, Kualitas Seresah dan Makroporositas Tanah	Prosiding Seminar Basic Science VII (UB-Malang)	ISBN 978-602-96393-0-8 2010
7.	Keragaman Vegetasi, Penutupan Tajuk, dan Pengaruhnya terhadap Populasi Cacing Tanah dan Infiltrasi pada Agroforestri Kopi	Berkala Penelitian Hayati	Edisi Khusus 5F (25-28),2011 ISSN 0852-6834
8.	Keragaman Pohon Penaung pada Kopi Berbasis Agroforestri dan Pengaruhnya terhadap Layanan Ekosistem	Berkala Penelitian Hayati	Edisi Khusus 7F (81-85),2011 ISSN 0852-6834
9.	Nitrogen Leaching in Coffee Based Agroforestry in The Presence of Different Shade Trees	Proceeding of The International conference on Basic Science 2011	Hal.253-256 ISBN: 978-602-97628-5-3
10.	Diversity of Shade Trees on Coffee Based Agroforestry System	Asociation for Science and Information on Coffee (ASIC)	ISBN: 9781618392107 P1009 (2vol)
11.	Farmer's Knowledge on The Role of Shade Trees in Coffee Based Agroforestry Systems in Provision Ecosystem Services	Proceeding of International Conference The East and Southeast Asia Federation of Soil Science Societies (ESAFS) 2013	ISBN: 978-979-19904-1-7 Hal.234-235 http://www.proceedings.com/13100.html
12.	Pemodelan Ragam Pohon Penaung pada Sistem Agroforestry untuk Menekan Runoff dan Nitrogen Tercuci Menggunakan WaNuLCAS: Kalibrasi dan Validasi Model	Prosiding Seminar dan Kongres Nasional X HITI – Solo	Hal. 898-904 ISBN 978-602-99713-3-0
13.	Identification of Wild Grass as Remediator Plant on Artisanal Gold Mine Tailing	Plant Science International	Vol.1 No.1(2014),33-40 ISSN 2368-8181

			E-ISSN 2368 -819 DOI: 10.12735/psi.v1 n1p33 URL:http://dx.doi.org/10.12735/psi.v1n1p33
14.	The potential of wild vegetation species of <i>Eleusine indica</i> L., and <i>Sonchus arvensis</i> L. for phyto-remediation of Cd-contaminated soil	Journal of Degraded and Mining Lands Management	Volume 4, No 3, April 2017 www.jdmlm.ub.ac.id
15.	The influence of rice husk and tobacco waste biochar on soil quality	Journal of Degraded and Mining Lands Management	p-ISSN: 2339-076X, e-ISSN: 2502-2458 Vol. 5. No. 1 (02 October 2017)
16.	Spread Of Agriculture Of Critical Land Using Land Evaluation Framework Approach In Welang Watersheed, Indonesia	Journal of Global Biosciences ISSN 2320-1355	October 2017
17.	Net Farm Income As Reflection Of Critical Land Evaluation In Welang Watershed, Indonesia	Bulgarian Journal of Agricultural Science, 23 (No 5) 2017, 831– 838 Agricultural Academy	
18.	Carbon Stock Estimates Due To Land Cover Changes At Sumber Brantas Sub-Watershed, East Java	Jurnal Caraka Tani vol 34 (1) : 2019	April 2019
19	Growth performance and biomass production of <i>Eleusine indica</i> and <i>Rorippa sylvestris</i> on heavy metal contaminated soil after biochar application	Journal of Degraded Land Mining Management 7(4):2287-2299	July 2020
20	Metagenomic Sequencing Analysis and Microbial Identification on Various Landcover	Nst Proceeding 4 th International Seminar of Research Month	May 2020
20	Karakteristik Fisika Kimia Tanah pada Sistem Agroforestri	Prosiding Seminar Nasional Lahan Sub Optimal ke-8 Tahun 2020	November 2020
21	Standard Criteria for Land Damage As a Basis for Evaluation of Lowland in Welang Watershed, Pasuruan Regency East Java	International Conference of Agriculture 2	October 2020
22	Eksplorasi Potensi Produk Unggulan Pertanian Dan Keterpaduannya Mendukung Desa Wisata Tamansari (Dewi Tari)	Jurnal Abdimas Belanegara vol 1 (1)	March 2020
23	Strategi Penguatan Potensi Desa dengan Karakteristik Degradasi Lahan	Agrokreatif	June 2020

	di Desa Panggung Duwet, Kabupaten Blitar	Jurnal Pengabdian Kepada Masyarakat vol 6(2):121-132	
24	Evaluation of the Success of Forest Land Based on Geographic Information Systems, in Wonosalam District, Jombang Regency	IOP Conference Series: Earth and Environmental Sciencethis link is disabled , 2023, 1131(1), 012018	
25	The potential use of humic acid-coated biochar for reducing Pb and Cu in the soil to improve plant growth	Journal of Degraded and Mining Lands Managementthis link is disabled , 2022, 10(1), pp. 4001–4009	
26	Assessment of Land Suitability Evaluation for Plantation Crops Using AHP-GIS Integration in the Wonosalam Forest Area, East Java	Universal Journal of Agricultural Researchthis link is disabled , 2022, 10(5), pp. 569–586	
27	Accumulation of betacyanin in <i>Hylocereus undatus</i> rind: Pigment stability analysis and its role in xanthine oxidase inhibition	Dey, D., Hemachandran, H., D, T.K., ...Priyadarshini, R., Siva, R. Phytomedicine Plus, 2022, 2(1), 100197	
28	Identify agricultural commodities in the midlands of the Welang watershed based on social perception	International Journal of Chemical and Biochemical Sciences, 2022, 22, pp. 71–78	
29	Integration gis and multicriteria analysis critical land farming in welang watershed	Bulgarian Journal of Agricultural Sciencethis link is disabled , 2021, 27(2), pp. 242–252	
30	Growth performance and biomass production of <i>Eleusine indica</i> and <i>Rorippa sylvestris</i> on heavy metal contaminated soil after biochar application	Journal of Degraded and Mining Lands Managementthis link is disabled , 2020, 7(4), pp. 2287–2299	
31	Carbon Stock Estimates due to Land Cover Changes at Sumber Brantas Sub-Watershed, East Java	Caraka Tani: Journal of Sustainable Agriculture, 2019, 34(1), pp. 1–12	

32	Net farm income as reflection of critical land evaluation in welang watershed, Indonesia	Bulgarian Journal of Agricultural Sciencethis link is disabled , 2017, 23(5), pp. 826–833	
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F. Seminar Participation

Year	Seminar	Theme of Seminar	Institution	Participati on	Date
2002	Seminar	Seminar Nasional Manajemen dan Potensi Bisnis Agroforestri, UPN “Veteran” Jawa Timur Surabaya	UPN “Veteran” Jawa Timur	Participant	
2004	Simposium	Pemanfaatan Bioteknologi dalam Pengembangan Agribisnis di Pasar Bebas	UPN “Veteran” Jawa Timur	Participant	17 -18 March 2004
2005	Forum 3 rd APRM	Global Warming in Agricultural Field	UB – Malang	Participant	23 February 2005
2006	Seminar	Strategi dan Implementasi Penataan Ruang Terbuka Hijau (RTH) dan Lanskap Perkotaan dalam Mewujudkan Green City	UPN “Veteran” Jawa Timur	Presenter	18 May 2006
2006	Seminar	Seminar Sehari Pengelolaan Sampah	PPLH Unibraw	Participant	
2007	Seminar	Biopestisida dan Biofertilizer sebagai Sarana Penunjang Revitalisasi Pertanian		Participant	16 June 2007
2009	Seminar	Pemanasan Global:Strategi Mitigasi dan Adaptasi Perubahan Iklim di Indonesia	UB –Malang	Participant	31 January 2009
2009	Seminar	Peranan Konservasi Flora Indonesia dalam Mengatasi Dampak Pemanasan Global	Balai Konservasi Tumbuhan Kebun Raya Eka Karya – Bali	Presenter	14 July 2009
2010	Seminar	Seminar Nasional Basic Science VII : Eco-friendly technology and Policy on industrial and Regional Planning for Mitigation of Climate Change”	UB – Malang	Presenter	20 February 2010
2010		Toward Knowledge Societies	Post Graduate Program UB – Malang	Presenter	4-5 March 2010
2010	Seminar	Seminar Nasional Biodiversitas III : Biodiversitas Menunjang Pertanian Berkelanjutan	Departemen Biologi, Fakultas		31 July 2010

			Teknologi dan Sains UNAIR – Sby		
2010	Seminar	The 23 rd International Conference on Coffee Science –ASIC 2010	Association for Science and Information of Coffee (ASIC)	Presenter	3-8 October 2010
2010	Seminar	Seminar Nasional Green Technology for Better Future	UIN – Malang	Presenter	20 November 2010
2011	Conference	International Conference on Basic Science (ICBS) 2011 “The Role of Basic Science in Health, Environment, and Advance Technology	UB –Malang	Presenter	17 -18 February 2011
2011	Seminar & Congress	Seminar dan Kongres Nasional HITI X : “Tanah untuk Kehidupan yang Berkualitas”	UNS – Solo	Presenter	6-8 December 2011
2013	Conference	11 th International Conference the East and Southeast Asia Federation of Soil Science Societies: “Land for Sustaining Food and Energy Security”	IPB –Bogor	Presenter	21-24 October 2013
2013	Seminar	Semnas Agroforestri : “ Agroforestri untuk Pangan dan Lingkungan Yang Lebih Baik”	UB-Malang	Participant	21 May 2013
		Seminar Nasional Hasil Penelitian Hibah Kompetitif: “Hasil Riset sebagai Pendukung Kesiapan Indonesia Menuju Asean Community”	UPN “Veteran” Jawa Timur	Presenter	4 December 2014
	Seminar	Lokakarya DAS	UB-Malang	Participant	
	Seminar	International Conference on Sustainable Agriculture and Natural Management	UPN”Veteran” Jawa Timur	Presenter	6-7 th August 2015
2015	Conference	3 rd International Conference of Indonesia Agroforestry Researchers 2015 : “Forestry Research to support Sustainable Timber Production and Self-Sufficiency in food, energy, and Water”	Kementrian Kehutanan dan Lingkungan Hidup	Presenter	21-22 October 2015
2016	Conference	International Conference of Agroforestry - SEANAFAE	SEANAFAE	Presenter	28-29 November 2016
2017	Seminar	ICoNSIE 2017	PSSN	Presenter	19-20 April 2017

2017	Conference	International Conference on Biodiversity	Society for Indonesian Biodiversity (SIB)	Presenter	14-15 October 2017
2017	Conference	ICMAC 2017	Singapore	Presenter	16-17 November 2017
2019	Conference	ASEANERC	Malaysia	Presenter	December 2019
2020	Conference	International Seminar of Research Month	Indonesia	Presenter	October 2020
2020	National Seminar	Seminar Nasional Pengelolaan Lahan Sub Optimal	Lampung - Indonesia	Presenter	October 2020
2020	International Seminar	International Seminar ESHIC 2020	Gresik-Indonesia	Presenter	December 2020
2020	Seminar	Seminar Nasional Agroteknologi	Indonesia	Nara Sumber	October 2020

G. Books

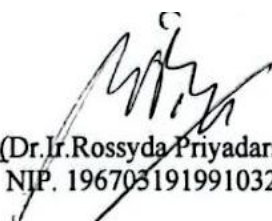
No	Book Title	Year of Publish	Number of Page	Publisher
1	Kesuburan Tanah	2017	200	Gosyen
2	Remediasi Tanah Tercemar Logam Berat	2019	200	Unitri Press

H. Intellectual Property Rights/ Patent

No	Title of Intellectual Property Rights	Year	Type	P/ID Number
1	Pengemas Botol Hemat Energi	2019	Industry Design	A00202000001
2	Metode Pembuatan Bahan Pembenhah Tanah (Soil Amendments) untuk Regenerasi Tanah Tailing	2020	Petty Patent	IDS000003404

I hereby guarantee that details and information provided above is correct to the best of my knowledge. If there is any fraud information found in the future, I will hold full responsibility of the penalty.

Surabaya, 10 March 2023


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