STAFF HANDBOOK

Name	**Prof. Dr. Ir. Dedik Budianta, M.S.**		
Position	*Teaching Area*	Soil Chemistry and Fertility	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Soil Science)*	*University of Ghent, Belgium*	*1999*
	Master Program (Soil Science)	*Gadjah Mada University, Yogyakarta, Indonesia*	*1992*
	Undergraduate Degree (Department of Soils Science)	*University of Gadjah Mada*	*1988*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1989 - present*
Research and development projects over the last 5 years	*1 Growth of Sorghum in Swampy Land, 2021 (Professeion Competitin, DIPA Unsri, 2021* *2 Growth and production of soybean in acid sulfate soil, 2019 (Profession competition, DIPA Unsri 2019)* *3 Heavy metal in palm oil, 2017 (National Strategy, DIPA Unsri)* *4 Growth of soybean in swampy land, 2018 (Profesion Competiton, DIPA Unsri 2017)* *5 Characterization of acid sufate soil, 2016 (Profesion Competition, DIPA Unsri, 2016)*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
Important publications over the last 5 years	1. D Budianta, A Napoleon, Merismon and M L Habi. 2022. Save our soil from heavy metals (Pb and Cd) accumulation for rice growth. IOP Conf. Series: Earth and Environmental Science 1005: 012001		
	2. Badriyah, Nuni Gofar and dan Dedik Budianta. 2022. The Growth of Rice (Oryza sativa L.) on Non Tidal Lowland Soil through Enrichment of Azolla and Different Level Fertilization Dosage (N and P). Journal of Environmental Science and Engineering A 11: 95-100		
	3. Dora Fatma Nurshanti, Benyamin Lakitan, Mery Hasmeda, Ferlinahayati, Zaidan Panji Negara, Susilawati and Dedik Budianta. 2022. Planting Materials, Shading Effects, and Non-Destructive Estimation of Compound Leaf Area in Konjac (Amorphophallus Muelleri). TRENDS IN SCIENCES 19(9): 3973		
	4. Dedik Budianta, Erlia Febriana and Siti Nurul Aidil Fitri. 2022. Application of Cow Manure Combined with Rice Husk Ash to Increase Soybean (Glycine max (L.) Merr) Production in Indonesia Ultisol. Journal of Environmental Science and Engineering B 11: 49-59		
	5. John Bimasri, Dedik Budianta, Muhammad Umar Harun and Marsi. 2021. Methane emission mitigation in paddy field utilizing rice husk biosilica. Iranian Journal of Plant Physiology 11 (2), 3553-3560 (**Scopus-reputasi)**		
	6. Iwan A. Ratmoko, Dedik Budianta, R Ridho, E Wildayana, Z Idrus and N Nuryamsasni. 2021. Analytic hierarchy process for zonation review of Sembilang National Park, Banyuasin Regency, South Sumatera Province, Indonesia. IOP Conf. Series: Earth and Environmental Science **737** (2021) 012019. (**Seminar Internasional terindek Scopus**).		
	7. **Dedik Budianta, A.**Napoleon., A. Paripurna, and Ermatita. 2019. S Growth and production of soybean (*Glycine max* (L.) Merill) with different fertilizer strategies in a tidal soil from South Sumatra, Indonesia. Spanish. j. soil sci. Vol 9 (1): 154-62 (**Scopus**).		
Activities in specialist bodies over the last 5 years		*Role*	*Period*
	Indonesian soil science asspciation	*Member*	*1985-present*

STAFF HANDBOOK

Name	**Dr. Ir. Agus Hermawan, M.T.**		
Position	*Teaching Area*	*Soil Fertility*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Agricultural Science)*	*University of Sriwijaya*	*2014*
	Master Program (Environmental Engineering)	*Bandung Institute of Technology, Bandung, Indonesia*	*1997*
	Undergraduate Degree (Department of Soils Science)	*University of Sriwijaya*	*1991*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1993-now*
Research and development projects over the last 5 years	1. Slow Release Fertilizer Formulation Made from Coal Fly Ash and Organic Matter to Improve the Efficiency of Fertilizer Use in Ultisols, *Funded by University of Sriwijaya , 2017, (Rp 72.500,000,-)* 2. Application of Slow Release Fertilizer Made from Coal Fly Ash And Azolla Biomass to Increase Fertilization Efficiency of Corn Plants in Ultisols, *Funded by University of Sriwijaya , 2018, (Rp 72.434,500,-)* 3. Application of Organic Fertilizer Pellets Made from Biomass Azolla and Kascing to Increase Growth and Production of Lebak Rice Plants, *Funded by University of Sriwijaya , 2020, (Rp 30.000,000,-)*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
Important publications over the last 5 years	Dedik Budianta, Ermatita, Napoleon, **Agus Hermawan** and Harry Wijayanti. Evaluation Of Some Soil Chemical Properties Of Tidal Swamp Land After Long-Term Cultivation. *Int. J. Engg. Res. & Sci. & Tech. 2017, Vol. 6, No. 2, May 2017 (ISSN 2319-5991 www.ijerst.com), Hal.12-21.* http://www.ijerst.com/currentissue.php		
	Dila Aksani, Dedik Budianta and **Agus Hermawan**. 2018. Determination of Site-specific NPK Fertilizer Rates for Rice Grown on Tidal Lowland. J Trop Soils, Vol. 23, No. 1, 2018: 19-25. Available online at: https://journal.unila.ac.id/index.php/tropicalsoil/article/view/41		
	Agus Hermawan, Adipati Napoleon and Bakri. 2018. Physical Properties of Briquette Fertilizers Made from Urea and Fly Ash-Azolla. J Trop Soils, Vol. 23, No. 3, 2018: 143-150. Available online at: https://journal.unila.ac.id/index.php/tropicalsoil/issue/view/31/showToc. DOI: https://10.5400/jts.2018.v23i3.143		
	Agus Hermawan, Dwi Probowati Sulistyani, Bakri. 2021. Performance of paddy crop in swampland under organic pellet fertilization from Azolla and vermicompost. Jurnal Ilmiah Pertanian, Volume 17 No 2 Hal: 60-66. https://doi.org/10.31849/jip.v17i2.5807 Available online at: https://journal.unilak.ac.id/index.php/jip/		
	Dedik Budianta, **Agus Hermawan**, Jerry Alfredo Lee Panggar Bessy. 2021. Growth and Yield of Rice Planted in a Tidal Soil Under NPK in situ and Cow Manure Application. *J Trop Soils, Vol. 26, No. 2, 2021: 51-62. ISSN 0852-257X ; E-ISSN 2086-6682* Available online at: https://journal.unila.ac.id/index.php/tropicalsoil /article/view/433 DOI: 10.5400/jts.2021.v26i2.51		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*2005-now*

STAFF HANDBOOK

Name	**Dr. Ir. Bakri, M.P.**		
Position	*Teaching Area*	*Soil Physics*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Environmental Science)*	*University of Sriwijaya*	
	Master Program (Soil Conservations)	*Padjadjaran University, Bandung, Indonesia*	
	Undergraduate Degree (Department of Soils Science)	*Bogor Agricultural University*	
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period:*
Research and development projects over the last 5 years	*1.Consulting service for BRG-JICA Pre-feasibility Study for Peat Land Restoration investement in Four Mast Prioritized Area in Indonesia (Phase-1) 2018.Funded by JICA (Rp. 50.000.000).* *2. Implementation of Canal Block Expansion and Evaluation at KHG Air Hitam. 2019. Funded by BRG (Rp. 564.960.000).* *3.Preperation of SID and DED Peat Wetting Infrastructere Peat Hydrological Unit Bentayan River. South Sumatera Province. 2019. Funded by BRG (Rp.500.000.000)* *4.Deign Investigation Survey Optimization of Swamp Land in South Sumatera Provinc. 2021. Funded by South Sumatera Province (Rp.500.000.000).*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
Important publications over the last 5 years	Momon Sodik, Bakri, Satria, Edi Armanto. 2020. Field Adaptation For Watermelon Cultivation Under Shallow Ground Water Table in Tidal Lowland Reclamation Area. http://10.20527/jwem.vol 8 No.1.211		
	Agus Hermawan - Adipati Napoleon – Bakri. 2018. Phsical Properties Of Briguette Fertilizers Made from Urea and Fly Ash- Azolla. http:// Journal.unila.ac.id/index.php/tropicalsoil		
	Momon Sodik Immanudin, Bakri and Raina Jelita. 2018.Website : http://Jurnal.fp.uns.ac.id/index.php/tanah/ index. Sains Tanah.Journal of Soil Science and Agroclimatology, 15(2),2018, 93-103. Ratoon System in Tidal Lowland		
	Imanudin. Bakri .Armanto. Indra. Ratmni. 2018.Land and Water Management Option of Tidal Lowland Reclamation to Support Rice Production (A Case Study in Delta Sugihan Kanan of South Sumatera Indonesia). journal of Wetlands Enviromental Management. Vol.6. No.2(2018		
	Momon Sodik, Bakri, Mustika Edi, and Abdul Madjid.2021. Drainmod Model Adaptation for Developing Recommenations Water Management in The Tertiary Block of Tidal Lowland Agricultural.Unila.ac.id/index.php/tropicalsoil.		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*2020-now*

STAFF HANDBOOK

Name	**Dr. Ir. Muh Bambang Prayitno, M.Agr.Sc.**		
Position	*Teaching Area*	*Landscape Processes and Conservation*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Agricultural Science)*	*University of Sriwijaya*	*2014*
	Master Program (Geomorphology)	Lincoln University, New Zealand	*1996*
	Undergraduate Degree (Department of Soils Science)	*University of Sriwijaya*	*1988*
Employment	*Position:* *Lecturer*	*Employer:* *University of Sriwijaya*	*Period:* *1990*
Research and development projects over the last 5 years	1. Peat Mapping in Bengkalis Island. Riau Islands Province. The Indonesia Peat Prize. Final Phase, (BIG-BRG Project). International Peat Mapping Team (Remote Sensing Solutions GmbH (RSS), Agency of the Assessment and Application of Technology (BPPT) and Sriwijaya University). WRI Indonesia. Funded by WRI. 2018. (Rp 100.000.000) 2. Peat Mapping in Kubu Raya District, West Kalimantan Province. Grand Final Phase, (BIG-BRG Project). International Peat Mapping Team (Remote Sensing Solutions GmbH (RSS), Agency of the Assessment and Application of Technology (BPPT) and Sriwijaya University). WRI Indonesia. The Winner of The Indonesia Peat Prize. Funded by WRI. 2019 (Rp 100.000.000). 3. Paludiculture Research based on Agrosilvofishery (WANA-MINA-TANI) to support Peat Restoration in South Sumatra Region. Researcher/ BRG Peat Expert. Litbang KLHK Palembang and BRG Indonesia). Funded by BRG. 2019. 4. Development of Destruction criteria and recovery Indicator of Peat Ecosystem. (Researcher / BRG Peat Expert. Litbang KLHK Bogor and BRG Indonesia). Funded by BRG 2020. 5. Rain harvest model for water supply in C land typology of tidal swamp reclamation. Case study in Delta Telang, Saleh, Primer 10, Banyuasi District. 2022. Researcher. Funded by Universiotas Sriwijaya 2020 (Rp 45.000.000). *6.* Peat Mapping in Kapuas Hulu District, West Kalimantan Province. Researcher. Remote Sensing Solutions GmbH (RSS). 2019. Funded by GIZ.		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
Important publications over the last 5 years	Meytri Firdha Tafarini, Muhammad Yazid, **Muh Bambang Prayitno**, Muhammad Faisal, Fransiscus Xaverius Suryadi, and Khairul Purba. 2021. Willingness to Pay for Water Management to Support Sustainable Food Production in Tidal Lowlands of South Sumatra. Emirates Joirnal of Food and Agriculture. 2021. 33 (12): 10087-1017. Doi. 10/9755/ejft.2021.v33i12.2789. http://www.ejft.me/		
	M. S. Imanudin, S. J. Priatna, **M. B. Prayitno** and C. Arif. 2021. Real time Irrigation Scheduling for Upland Crop Based on Soil and Climate Characyeristics of Tidal Lowland Area in South Sumatra. IOP Conference Series: Earth and Environment Science. 622 (2021) 012051. ISCEE IOP Publishing. Doi:10.10088/1755-1315/622/1/012051.		
	M. S. Imanudin, S. J. Priatna, M. E. Armanto, and **M. B. Prayitno**. 2021. Integrated Duflow Model for Planning of Water Management Operation in Tidal Lowland Reclamation Areas. IOP Conference Series: Earth and Environment Science. 871 (2021) 012035. ISCEE IOP Publishing. Doi:10.10088/1755-1315/871/1/012035		
	Asia Asia Afriyani1, **Muh Bambang Prayitno**, Poedji Loekitowati Hariani. 2019. Effect of Addition of Urea and Zeolite on Rice Plants (Oryza sativa L.) for The Nitroxy Emissions on Peatlands. Indones.2019. J. Fundam. Appl. Chem., 4(3), 2019, 132-138. http://ijfac.unsri.ac.id. DOI: 10.24845/ijfac.v4.i3.132		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*……..-now*
	Peat Society of Indonesia	*Member*	*……..-now*

STAFF HANDBOOK

Name	**Dra. Dwi Probowati Sulistiyani, M.S.**		
Position	*Teaching Area*	*land survey and evaluation*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (-)*		
	Master Program (environmental science)	*Gadjah Mada University, Yogyakarta, Indonesia*	1991
	Undergraduate Degree (Department of Remote Sensing)	*Gadjah Mada University, Yogyakarta, Indonesia*	1983
Employment	*Position:* *Lecturer*	*Employer:* *University of Sriwijaya*	*Period: 1984 - now*
Research and development projects over the last 5 years	*1 Analysis of sedimentation in the downstream waters of the Musi River and preparation of river management plans based on land and community* capacity. *Funded by University of Sriwijaya , 2018, (Rp 55.000,000)* *2* Study on the use of ruminant rumen as bioactivator on the quality of oil palm midrib compost. Funded by University of Sriwijaya , 2019, (Rp 40.000,000) 3 Improving the Physical and Chemical Quality of Goat Liquid Fertilizer (Biourine) With the Addition of Various Types of Decomposers. Funded by University of Sriwijaya , 2020, (Rp 30.000,000) *4. Application of Organic Fertilizer Pellets Made from Azola Biomass and Castings to Increase Growth and Production of Lebak Rice Plants.* Funded by University of Sriwijaya , 2020, (Rp 30.000,000) *5. Application of Goat Liquid Fertilizer (Biourine) Using Banana Hump Decomposer To Increase Growth And Production Of Soybean Plants.* Funded by Faculty of Agriculture UNSRI , 2021, (Rp 52.000,000)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
Important publications over the last 5 years	*Toxity of bacillus thuringiensis based bio-insecticide on coptotermes curvinagthus (isoptera: rhinotermidae) in laboratory. 4 no 1 march 2018. Journal of advanced agricultural technologies*		
	Sedimentation rate and characteristics of musi river mud, palembang city, south Sumatra. 7 no 1 (2019). Jornal of wetlands environmental management		
	The Goat Liquid Fertilizer (Biourine) Quality by Addition Various Types of Decomposers to Support Organic Agriculture. 19 April 2022. Earth Environ. Sci. **995** 012009		
	The Effect of liquid organic fertilizer (LOF) goat biourin with various decomposers on some chemical properties of ultisol. 1 April 2022.IOP Conf. Ser.: Earth Environ. Sci. 1005.		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*2009-now*

STAFF HANDBOOK

Name	**Dr. Ir. Dwi Setyawan, M.Sc.**		
Position	*Teaching Area*	*Soil Science*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Land Rehabilitation)*	*University of Western Australia*	*2005*
	Master Program (Soil Science and Plant Nutrition)	University of Western Australia	*1995*
	Undergraduate Degree (Department of Soils Science)	*Bogor Agricultural University*	*1987*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1989-present*
Research and development projects over the last 5 years	*1. Model Spasial Pengelolaan Tanaman Revegetasi untuk Pengendalian Kesuburan Tanah Pascatambang Batubara di Tanjung Enim. 2021 funded by UNSRI Rp 40 millions.* *2. Model Pengelolaan Tanaman Revegetasi untuk Pengendalian Kesuburan Tanah Pascatambang Batubara di Tanjung Enim. 2020 funded by UNSRI Rp 50 millions.* *3. The development of soil-based index to measure soil recovery in metalliferous minesite rehabilitation. 2019 funded by DIKTI Rp 84.65 millions.* *4. The development of soil-based index to measure soil recovery in metalliferous minesite rehabilitation. 2018 funded by DIKTI Rp 98 millions.* *5. The development of soil-based index to measure soil recovery in minesite rehabilitation. 2016 (funded by Unsri, International Research Collaboration with Mie University Japan Rp 150 millions)*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
			2018
Important publications over the last 5 years	*Urea Application to Enhance Sugarcane Trash Decomposition: A Field Test in PTPN VII of Cinta Manis District in South Sumatera. Caraka Tani: Journal of Sustainable Agriculture. 2020. 35(2), 180-190*		
	Extremity of Rainfall Distribution in Palembang. 2020. International Journal of Scientific & Technology Research. 9(03): 3331-3334		
	Revegetation of tin post-mining sites in Bangka Island to enhance soil surface development. 2019. IOP Conference Series: Earth and Environmental Science 391(1): 012093		
	Benefit of Bed Raising to Manage Acid Sulphate Soil Under Industrial Forest Plantations Area. 2019. Sriwijaya Journal of Environment 4(1)		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society, *Indonesian Peat Society*	*Member* *Coordinator Regional 2*	*2015-present*

STAFF HANDBOOK

Name	**Dr. Ir. A. Madjid, M.S.**		
Position	*Teaching Area*		
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Environmental Science)*	*Padjadjaran University, Bandung, Indonesia*	*1998*
	Master Program (Soil Conservations)	*Padjadjaran University, Bandung, Indonesia*	*1993*
	Undergraduate Degree (Department of Soils Science)	*Bogor Agricultural University*	*1986*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1987 - Now*
Research and development projects over the last 5 years	*Name of project or research focus:* *1 Drainmod Model Adaptation for Developing Recommendations Water Management in the Tertiary Block of Tidal Lowland Agriculture* *2 Effect of Ecoenzyme and SP-36 on Some soil properties and Growth of Mustard (Brassica juncea L.) Planted on an Ultisol* *3 Land suitability and agricultural technology for rice cultivation on tidal lowland reclamation in South Sumatra* *4 Kajian Faktor Pembatas dan Rekomendasi Perbaikan Lahan untuk Budidaya Jagung di Lahan Rawa Pasang Surut Tipologi C* *5 Peningkatan Kualitas Air dengan Bioteknologi Rekayasa Air Berwarna Hijau (Green Water Biotechnology Engineering) dan Bioteknologi Rekayasa Air Berwarna Coklat (Brown Water Biotechnology Engineering) untuk mencapai Swasembada Protein Hewani dari Hasil Perikanan*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
Important publications over the last 5 years			
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*…..-now*

STAFF HANDBOOK

Name	**Dr. Ir. Marsi, M.Sc.**		
Position	*Teaching Area*	*Soil and Water Chemistry*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Soil Chemistry)*	University of Kentucky	*I992*
	Master Program (Soil Chemistry)	University of Kentucky	*1989*
	Undergraduate Degree (Soil Science)	*Bogor Agricultural University*	*1983*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1985-Now*
Research and development projects over the last 5 years	1. *The Dynamics of Soil pH, Dissolved Fe and Sulfate Due to Decreasing Water Conditions in Pyrite Soils applied Various Ameliorant Materials. Funded by University of Sriwijaya, 2020 (Rp 24,000,000)* 2. *Application of Liming, Fertilization and Natural Feeding in Swamp Ponds for Nursery of Catfish (Clarias Sp). Funded by University of Sriwijaya, 2019 (Rp 30,000,000)* 3. *Management of Swampland containing Shallow Pyrite for Plant-Fish Integrated Cultivation. Funded by University of Sriwijaya, 2018 (Rp 75,000,000)* 4. *Application of Alternative Lime in Swamp Ponds containing Different Organic Materials for Cultivation of Catfish (Pangasius sp). Funded by University of Sriwijaya, 2018 (Rp 75,000,000)* 5. *The Dynamics of Tripartite Interaction of Underground Components in Peatlands Due to Groundwater Level Subsidence. Funded by University of Sriwijaya, 2018 (Rp 72,500,000).*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
	Gofar,N., Marsi, and Widjajanti, H. Methods of Making Microbial Carrier Materials Made from Rice Straw for Biofertilizers (registered patent No. IDP000051915)		*2018*
Important publications over the last 5 years	*Yuningsih, L., Hermansyah, Ibrahim, E., and Marsi. 2021. Analysis on the Characteristics of Ex-Mining Soil After 5 Years And 10 Years of Revegetation. Media Konservasi Vol.26 No.3 Desember 2021: 239-247. DOI: 10.29244/medkon.26.3.239-247. https://journal.ipb.ac.id/index.php/konservasi/article/view/38280/22841*		
	Bimasri, J., D. Budianta, M. U. Harun and Marsi. 2021. 'Methane emission mitigation in paddy field utilizing rice husk biosilica'. Iranian Journal of Plant Physiology 11 (2), 3553-3560. https://ijpp.iau-saveh.ac.ir/article_681079_985d013197e4044ef7c07914ef57e574.pdf		
	Jubaedah, D., Marsi, Wijayanti, M., Rahmani, S. 2020. Combination Cockle Shells (Anadara granosa) and Calcite Lime to Improve Swamp Water pH for Catfish (Pangasius sp.) Culture. Omni-Akuatika, 16 (1): 48 – 52. http://ojs.omniakuatika.net/index.php/joa/article/view/612/276		
	Jubaedah, D.,, Marsi, Wijayanti, M., Putri, F.J. 2019. Utilization of Lime Derived From Mussel Freshwater Shells (Pilsbryoconcha exilis) to Increase Swamp Water pH For Catfish (Pangasius sp.) culture. Sriwijaya Journal of Environment, 4(2):59-63. http://dx.doi.org/10.22135/sje.2019.4.2.59-63		
	Hariani, P.L., Faizal, M., Ridwan, Marsi, Setiabudidaya, D. 2018. Removal of Procion Red MX-5B from songket's industrial wastewater in South Sumatra Indonesia using activated carbon-Fe3O4 composite. Sustainable Environment Research xxx (2018) 1-7. https://doi.org/10.1016/j.serj.2018.01.004		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*1992-now*

STAFF HANDBOOK

Name	**Dr. Momon Sodik Imanudin, S.P., M.Sc.**		
Position	*Teaching Area*	*Water management; Irrigation and drainage*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Agricultural Science)*	*University of Sriwijaya*	*1995*
	Master Program (Water Management)	Leeuven Khatolike Universiteit Belgium	*2001*
	Undergraduate Degree (Department of Soils Science)	*University of Sriwijaya*	*2010*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1997-present*
Research and development projects over the last 5 years	1. *Land And Water Management In Tidal Lowland Reclamation Areas Of Banyuasin District of South Sumatra Indonesia* 2. *Cotrol Drainage Model on Tidal Lowland Agriculture of Sugihan Kanan Ogan Komering Ilir District of South Sumatra Indonesia* 3. *Developing guideline operational model for water table control in tertiary and secondary canal to prevent fire in peat land areas* 4. *Water management for water melon in tidal lowland reclamation areas (A case study in Mulaya Sari Telang II Banyuasin District Indonesia)* 5. *Water management for rice cultivation in Tidal lowland Reclamation Areas (A Case study in C typology of Delta Telang I Banyuasin Indonesia)*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
Important publications over the last 5 years	Imanudin, M. S., Eliza, W, and Armanto,M.E. 2018. Option for Land and Water Management to Prevent Fire in Peat Land Areas of Sumatera Indonesia. Journal of Wetlands Environmental Management. 6(1): 12 – 26. http://dx.doi.org/10.20527/jwem.v5i2.108		
	Imanudin, M.S., Bakri., Armanto, M.E., 2019. Determination of planting time of watermelon under a shallow groundwater table in tidal lowland agriculture areas of south sumatra, Indonesia. IRRIGATION AND DRAINAGE. 68(3): 488-495 Published online in Wiley Online Library (wileyonlinelibrary.com) DOI: 10.1002/ird.2338		
	Imanudin, M.S., Satria, J.P., Bakri., and M. Edi Armanto. 2020. Field Adaptation for Watermelon Cultivation under Shallow Ground Water Table in Tidal Lowland Reclamation Area. Journal of Wetlands Environmental Management. 8 (1): 1 – 10 http://10.20527/jwem.vol 8 No 1.211		
	Imanudin, M.S., Bakri., M.E. Armanto.,A.M. Rohim. 2021. Drainmod Model Adaptation for Developing Recommendations Water Management in the Tertiary Block of Tidal Lowland Agriculture. Journal Tropical Soils. 26(3): 129-140. DOI: 10.5400/jts.2021.v26i3.129		
	Imanudin, M.S., S.J. Priatna., M.E. Armanto., M.B. Prayitno. 2021. Integrated Duflow-Drainmod model for planning of water management operation in tidal lowland reclamation areas**.** *Sci.* **871** 012035. doi:10.1088/1755-1315/871/1/012035		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Comite Of Irrigation and Drainage	*Comitte Member ofsustainable tidal lowland wrjung group*	*1997-now*
	Indonesian association of Hydroulic Engineer	*Comitte Member of wetland development*	*2010-now*
	International Comission On Irrigation And Drainage	*Vice Chairmant Working Group of Sustainable Drainage*	*2016-now*

STAFF HANDBOOK

Name	**Dr. Ir. A. Napoleon, M.P.**		
Position	*Teaching Area*	*Soil Biotechnology*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Soil Biology)*	*Gadjah Mada University, Yogyakarta, Indonesia*	*2003*
	Master Program (Soil Biology)	*Gadjah Mada University, Yogyakarta, Indonesia*	*1995*
	Undergraduate Degree (Department of Soils Science)	*University of Sriwijaya*	*1989*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1990 - now*
Research and development projects over the last 5 years	*1. knowledge management system in utilizing local resources for sorghum growth on tidal soils to maintain food security in South SumatraFunded by University of Sriwijaya , 2021, (Rp 100.000,000).* *2. application of liquid fertilizer (biourine) goats using banana hump decomposers to increase growth and production of soybean plants. Funded by University of Sriwijaya, 2021 (Rp. 52.000.000,-)* *3. Compost Quality Combination of Water Hyacinth (Eichornia crassipes Mart solm) and Goat Manure with MOL of Rumen Fluid. Funded by University of Sriwijaya, 2020 (Rp. 30.000.000,-)* *4. Study of Utilization of Ruminant Rumenas a Bioactivator for pH, C/N ratio, Number of Microbes and Psyical Properties of Oil Plant Frond Compost. Funded by University of Sriwijaya , 2019 (Rp 40.000,000,-).* *5. Application of Vermicompost Coal Fly Ash (Fly Ash) on Chemical Properties of Ultisol Soil on Growth and Production of Red Spinach (Amaranthus tricolor L). Funded by University of Sriwijaya, 2018 (Rp. 30.000.000,-)*		
Industry collaborations over the last 5 years	*None*		
Patents and proprietary rights	*Title*		*Year*
	none		
Important publications over the last 5 years	*Save our soil from heavy metals (Pb and Cd) accumulation for rice growth* *D Budianta1, A Napoleon1, Merismon2 and M L Habi3* *IOP Conference Series: Earth and Environmental Science, Volume 1005, The 2nd International Conference on Organic Agriculture in the Tropics (ORGATROP) 28/10/2021 - 29/10/2021 Online* *Citation D Budianta et al 2022 IOP Conf. Ser.: Earth Environ. Sci. 1005 012001*		
	The Goat Liquid Fertilizer (Biourine) Quality by Addition Various Types of Decomposers to Support Organic Agriculture *To cite this article: D P Sulistiyani and A Napoleon 202. IOP Conf. Ser.: Earth Environ. Sci. 995. 012009*		
	Proceeding International Conference on Green Agro-Industry *Volume 4, 2020 | Pages : 388-394* *Study of The Utilization of Ruminant Ruments as A Bioactivator For Palm Oil Frond Compost Quality* *Adiapati Napoleon1, Agus Hermawan1, Dwi Probowati S,Lilo L, Dimas Hidayatullah2*		
	Evaluation of Several Biochar Types as Inoculant Carrier for Indigenous Phosphate Solubilizing Microorganism from Acid Sulphate Soil, Journal of Ecological Engineering-01029-2019-02		
	Evaluation of Several Biochar Types as Inoculant Carrier for Indigenous Phosphate Solubilizing Microoorganism from Acid Sulphate Soil 20 (6), 1-8 Journal of Ecologycal Engeneering https://doi.org/10.12911/22998993/109078		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*2000 -*

STAFF HANDBOOK

Name	***Prof. Dr. Sc.Agr. Ir. M. Edi Armanto***		
Position	*Teaching Area*	*Soil Science*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Pedology)*	*Kiel University, Germany*	*1992*
	Master Program (Agricultural Science)	*Dipl. Ing. Agr in Kiel University, Germany*	*1989*
	Undergraduate Degree (Department of Soil Science)	*University of Sriwijaya*	*1985*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1986-now*
Research and development projects over the last 5 years	*Name of project or research focus:* *1. Land capabilities for agricultural development and forest and land fire prevention. Funded by University of Sriwijaya, 2019-2022 (Rp 650,000,000).* *2. Food agricultural development model in peatlands based on land capability to support forest and land fire prevention. Funded by University of Sriwijaya, 2016-2018 (Rp 600,000,000).*		
Industry collaborations over the last 5 years	*Sriwijaya Botanical Gardens*		
Patents and proprietary rights	*Title*		*Year*
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Important publications over the last 5 years	*Armanto, M.E., D. Fardiaz, Z. Idrus, S.A. Umar dan E. Wildayana. 2022.* ***Regional Development Approach with SWOT and Logical Framework.*** *Unsri Press. ISBN : 978-979-587-987-9. 274 pages.*		
	Armanto, M.E., Z. Idrus, S.A. Umar dan E. Wildayana. 2021. ***Regional Planning and Development.*** *Unsri Press. ISBN : 978-979-587-933-6. 266 pages.*		
	Armanto, M.E. 2020. ***Land Resources Information System****. Unsri Press. ISBN: 978-979-587-822-3. 272 pages.*		
	*Armanto, M.E. 2019. Soil Variability and Sugarcane (Saccharum officinarum L.) Biomass along Ultisol Toposequences. Journal of Ecological Engineering, Vol 20(7); 196-204, (****SCOPUS Q3****). IF: 0.22.*		
	*Imanudin, M.S., M.E. Armanto and Bakri. 2019. Determination of Planting Time of Watermelon under a Shallow Groundwater Table in Tidal Lowland Agriculture Areas of South Sumatra, Indonesia. Irrigation and Drainage, Vol 68(3); 488-495 (****SCOPUS Q2****). IF: 0.53.*		
	*Armanto, M.E. 2019. Improving Rice Yield and Income of Farmers by Managing the Soil Organic Carbon in South Sumatra Landscape, Indonesia. Iraqi Journal of Agricultural Sciences Vol 50(2): 653-661 (****SCOPUS Q3****). IF: 0.19.*		
	*Armanto, M.E. 2019. Comparison of Chemical Properties of Peats under Different Land Uses in South Sumatra, Indonesia. Journal of Ecological Engineering, Vol 20(5); 184-192, May 2019 (****SCOPUS Q3****). IF: 0.22.*		
	*Zuhdi, Mohd., M.E. Armanto, D. Setiabudidaya, Ngudiantoro, and Sungkono. 2019. Exploring Peat Thickness Variability Using VLF Method. Journal of Ecological Engineering, Vol 20(5); 142-148, May 2019 (****SCOPUS Q3****). IF: 0.22.*		
	*Holidi, M.E. Armanto, N. Damiri and D.D.A. Putranto. 2019. Characteristics of Selected Peatland Uses and Soil Moistures based on TVDI. Journal of Ecological Engineering, Vol 20(4); 194-200, April 2019 (****SCOPUS Q3****). IF: 0.22.*		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*1990-now*

STAFF HANDBOOK

Name	**Prof. Dr. Ir. Nuni Gofar, M.S.**		
Position	*Teaching Area*	*Soil Biology*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Soil Biology)*	*Padjadjaran University, Bandung, Indonesia*	*2003*
	Master Program (Soil Biology)	*Padjadjaran University, Bandung, Indonesia*	*1994*
	Undergraduate Degree (Department of Soils Science)	*University of Sriwijaya*	*1987*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1989-now*
Research and development projects over the last 5 years	1. Utilization of Lotus Plants (*Nelumbo nucifera*) as Food Ingredients and Liquid Fertilizer (2022) 2. Application of Functional Swamp Microbes for Food and Feed (2018 and 2019) 3. Exploration and Development of Functional Microbes from Swamps for Agriculture, Livestock and Enzyme Production (2016 and 2017)		
Industry collaborations over the last 5 years	1. Trial of Biostimulant Products (PT. Pupuk Sriwidjaja Palembang, 2021) 2. Field Trial of Organic Fertilizer + Trichoderma on Shallots (PT. Pupuk Sriwidjaja, 2021)		
Patents and proprietary rights	*Title*		*Year*
	1. Metode pembuatan bahan pembawa mikroba pupuk hayati berbahan baku jerami padi (paten)		*2018*
	2. Teknik Budidaya Microgreens (Hak Cipta)		*2022*
Important publications over the last 5 years	1. Nutrient content and soil aggregate stability due to the addition of decanter solid palm oil mill waste on Ultisol. Agromix, 13(1), 112-117. 2022. https://doi.org/10.35891/agx.v13i1.2845		
	2. The Growth of Rice (*Oryza sativa* L.) on Non Tidal Lowland Soil through Enrichment of Azolla and Different Level Fertilization Dosage (N and P). Journal of Environmental Science and Engineering A 11 (2022) 95-100. 2022. doi:10.17265/2162-5298/2022.03.003		
	3. The Effect of Probiotic Derived from Kumpai Minyak (*Hymenachne Amplexicaulis*) Silage on Performance and Egg Quality Characteristics of Pegagan Ducks. J. World Poult. Res., 12 (1): 31-37. 2022. DOI: https://dx.doi.org/10.36380/jwpr.2022.4		
	4. Effect of Administering Lactobacillus Culture Isolated from Ensiled *Hymenache acutigluma* via Drinking Water on Meat and Egg Quality of Pegagan Ducks. . J. World Poult. Res., 11 (4): 431-438. 2021. DOI: https://dx.doi.org/10.36380/jwpr.2021.51		
	5. Characterization of *Arthrospira platensis* cultured in wastewater of Clarias catfish farming media: DNA barcode, helical form, growth, and phycocyanin. BIODIVERSITAS ISSN: 1412-033X https://smujo.id/biodiv		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*1995-now*

STAFF HANDBOOK

Name	**Ir. Sabaruddin. M.Sc., Ph.D.**		
Position	*Teaching Area*	*Soil Ecology*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Soil Management)*	*Kochi University Japan*	*2022*
	Master Program (Soil Biology)	*University of Guelph Canada*	*1994*
	Undergraduate Degree (Department of Soils Science)	*University of Sriwijaya*	*1988*
Employment	*Position: Lecturer*	*Employer: Universitas Sriwijaya*	*Period: 1989-Now*
Research and development projects over the last 5 years	1. *Dinamika Interaksi Tripartit Komponen Bawah Tanah di Lahan Gambut Akibat Penurunan Muka Air Tanah. 2017.* 2. *Resiliensi Nafkah Rumah Tangga Petani di Areal Rawa Kebakaran Hutan dan Lahan Kabupaten Ogan Komering Ilir, Provinsi Sumatera Selatan. 2020* 3. *Dinamika pH, Fe-terlarut dan Sulfat-terlarut Tanah Akibat Penurunan Kondisi Air pada Tanah Berpirit yang Biberi Berbagai Bahan Amelioran. 2020.*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
Important publications over the last 5 years	*Soleha, Soleha, A. Muslim, Suwandi, Suwandi, **Sabaruddin Kadir**, and Rahmat Pratama. 2022. Host range studies of Fusarium oxysporum, causal agent of seedling wilt disease of Acacia mangium. Biodiversitas 23(1): 25-32. https://biodiversitas.mipa.uns.ac.id/D/D2301.htm.*		
	*Soleha, Soleha, A. Muslim, Suwandi, Suwandi, **Sabaruddin Kadir**, and Rahmat Pratama. 2021. The identifcation and pathogenicity of Fusarium oxysporum causing acacia seedling wilt disease. J. For. Res. https://link.springer.com/article/10.1007/s11676-021-01355-3*		
	*Sofiyuddin,M., S. Suyanto, **Sabaruddin Kadir,** and S. Dewi. 2021. Sustainable land preparation for farmer-managed lowland agriculture in Indonesia. Forest Policy and Economics 130. Available at the Sustainable land preparation for farmer-managed lowland agriculture in Indonesia - ScienceDirect. https://doi.org/10.1016/j.forpol.2021.102534.*		
	*Nurlia, A., D.H. Purnama, and **Sabaruddin Kadir**. 2021. Household Livelihood Strategy Based on Capital Assets in Fires Prone Areas, Ogan Komering Ilir Regency, South Sumatera. Jurnal Sylva Lestari IX(1): 1-20. https://jurnal.fp.unila.ac.id/index.php/JHT/article/view/4429*		
	*Kartika, Kartika, Jun-Ichi Sakagami, Benyamin Lakitan, Shin Yabuta, **Sabaruddin Kadir**, Laily Ilman Widuri, Erna Siaga, Yoshihiro Nakao, Andi Wijaya. 2020. Morpho-physiological Response of Oryza Glaberrima to Gradual Soil Drying. Rice Science 27(1): 67-74. https://www.sciencedirect.com/science/article/pii/S1672630819301118.*		
	*Raden Putra, Edy Sutriyono, **Sabaruddin Kadir,** and Iskhaq Iskandar. 2019. Understanding Fire Distribution in The South Sumatra Peat Area during the Last Two Decades. International Journal of GEOMATE, Feb., 2019 Vol.16, Issue 54, pp.146 – 151. http://www.geomatejournal.com/sites/default/files/articles/146-151-8243-Raden-Feb-2019-54g.pdf.*		
	*Raden Putra, Edy Sutriyono, **Sabaruddin Kadir**, Iskhaq Iskandar, and Deni Okta Letari. 2019. Dynamical Link of Peat Fires in South Sumatra and the Climate Modes in the Indo-Pacific Region. Indonesian Journal of Geography 51(1): 18 - 22. https://jurnal.ugm.ac.id/ijg/article/view/35667/pdf*		
	*Lakitan, B., **Sabaruddin Kadir**, Andi Wijaya, Susilawati. 2018. Tolerance of common bean (Phaseolus vulgaris L.) to different durations of simulated shallow water table condition. Australian J. of Crop Sci. 12(04):661-668. http://www.cropj.com/lakitan_12_4_2018_661_668.pdf. doi: 10.21475/ajcs.18.12.04.pne1047.*		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*2010-Now*
	Indonesia Expert Network for Climate Change and Forestry (APIKI Network)	*Vice Chairman*	*2017-Now*
	Asia Climate Expert Network	*Member*	*2018-Now*
	Social Forestry Society Task Force of South Sumatra	*Vice Chairman*	*2020-Now*

STAFF HANDBOOK

Name	**Dr. Ir. Satria Jaya Priatna, M.S.**		
Position	*Teaching Area*	Soil and Water Conservation	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Environmental Science)*	*University of Sriwijaya*	*2011*
	Master Program (Soil Conservations)	*Padjadjaran University, Bandung, Indonesia*	*1992*
	Undergraduate Degree (Department of Soils Science)	*University of Sriwijaya*	*1987*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1989 - now*
Research and development projects over the last 5 years	*1 Assessment of Chemical and Physical Fertility of Ultisol Soil for Corn Crop Development in Lubuk Hardjo Village, Bayung Lencir District (Research DIPA Unsri, 2015* *2 Analysis of Erosion Hazard Levels and Conditions of Some Soil Physical and Chemical Properties at the Bukit Asam Tanjung Enim Coal Mine that has been revegetated, (Research Dipa Unsri)* *3 Analysis of the Impact of Fires Occurring on Farm Lands on Changes in Some Soil Physical and Chemical Properties in Supporting Productive Agricultural Development. 2018.* *4 Utilization of Swamp Land Potential for Oil Palm Plant Development at Sriwijaya University; Funded by FP University of Sriwijaya, 2019 (Rp 30,000,000)* *5 Land Suitability for Oil Palm Plant Development on the Kambisol Soil Type at the Experimental Garden Location Faculty of Agriculture, Gelumbang Location, (Funded by FP University of Sriwijaya, 2020 (Rp 30,000,000)* *6 Soil Fertility Evaluation And Recommendations Fertilizer For Plant Development Palm Oil Post Rubber Planting At The Location Of The Experimental Garden Of FP UNSRI Gelumbang, (Funded by FP University of Sriwijaya, 2020 (Rp 30,000,000)*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
Important publications over the last 5 years	*Momon Sodik Imanudin**, Satria JP**, Bakri and M. Edi Armanto;2018; Field Adaptation for Watermelon Cultivation under Shallow Ground Water Table in Tidal Lowland Reclamation Area ; Journal of Wetlands Environmental Management Vol 6, No 2 (2018) 93 – 111, http://dx.doi.org/10.20527/jwem.v6i2.165*		
	***Priatna, SJ**, Djak Rahman1, Supriyadi Supriyadi; 2020; Land Suitability Assessment for Some Carbohydrate Food Crops at Wetland Area in Arisan Jaya; Journal of Suboptimal Lands ISSN: 2252-6188 (Print), ISSN: 2302-3015 (Online, w.jlsuboptimal.unsri.ac.id)Vol. 9, No.2: 117-126 Oktober 2020; DOI: https://doi.org/10.33230/JLSO.9.2.2020.470*		
	*M S Imanudin1 , **S J Priatna** , B M B Prayitno1, and C Arif; 2020; Real-time irrigation scheduling for upland crop based on soil and climate characteristics of tidal lowland area in South Sumatera; IOP Conf. Series: Earth and Environmental Science 622 (2021)*		
	*M S Imanudin1, **Satria J P**, D Budianta1, C Charli; 2020; Leaching Treatment of Acid Sulphate Soil and Crop Adaptation Test under Micro Scale Condition;* IOP Conf. Series: Earth and Environmental Science 757 (2021) 012036; IOP ublishingdoi:10.1088/1755-1315/757/1/012036		
	*M S Imanudin, **S J Priatna**, M E Armanto, and M B Prayitno; 2021; Integrated Duflow-Drainmod Model for Planning of Water Management Operation in Tidal Lowland Reclamation Areas; 2021; IOP Conf. Series: Earth and Environmental Science 871 (2021) 012035 IOP Publishing- doi:10.1088/1755-1315/871/1/012035*		
Activities in specialist bodies over the last 5 years		*Role*	*Period*
	Soil and Water Conservation Society (MKTI)	*Member*	*2013-now*

STAFF HANDBOOK

Name	**Ir. Siti Nurul Aidil Fitri, M.Si.**		
Position	*Teaching Area*	*Soil Fertility*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (-)*		
	Master Program (Plant Science)	*University of Sriwijaya*	*2009*
	Undergraduate Degree (Department of Soils Science)	*University of Sriwijaya*	*1990*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1991-now*
Research and development projects over the last 5 years	1. The treatment of vermicompos and compost of organic basmati rice cultivation by floating in a marshy land use on sriwijaya university indralaya campus. 2021. (Rp55.000.000,-)		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
	-		
Important publications over the last 5 years	**SNA Fitri**, N Gofar. 2018. Increasing of Rice Yield by Using Growth Promoting Endophytic Bacteria from Swamp Land. Journal of Tropical Soils, 15(3) : 271-276.		
	Sabaruddin, **SNA Fitri**, and L. Lestari. 2019. Relationship between the Organic Matter Content with Post Harvest Period of Forest Industrial Plant Acacia mangium Willd. Journal of Tropical Soils. 14(2) : 105-110.		
	Nuraini, P., Budianta, D., **Fitri, S.N.A.** 2021. The effect of giving dolomite and cow manure on growth and production of soybean (glycine max (l.) Merr) in ultisol soil. Jurnal AGRI PEAT, Vol. 22 No. 1, Maret 2021 : 21 – 32.		
	Dedik Budianta, Erlia Febriana and **Siti Nurul Aidil Fitri**. 2022. Application of Cow Manure Combined with Rice Husk Ash to Increase Soybean (Glycine max (L.) Merr) Production in Indonesia Ultisol. Journal of Environmental Science and Engineering B 11 (2022) 49-59.		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*1991-now*

STAFF HANDBOOK

Name	**Dr. Ir. Warsito, M.P.**		
Position	*Teaching Area*	*Soil Science*	
	Designation	*Undergraduate Program*	
Academic career	*Doctorate (Environmental Science)*	*University of Sriwijaya*	*1985*
	Master Program (Pedology)	*Gadjah Mada University, Yogyakarta, Indonesia*	*1995*
	Undergraduate Degree (Department of Soils Science)	*University of Sriwijaya*	*2016*
Employment	*Position: Lecturer*	*Employer: University of Sriwijaya*	*Period: 1987-now*
Research and development projects over the last 5 years	*1* *2* *3* *4*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	*Title*		*Year*
			-
Important publications over the last 5 years	*Hermawan, A., Sabaruddin, Marsi, R. Hayati, dan **Warsito**. Perubahan Titik Muatan Nol dan Muatan Negatif Abu Terbang Batubara akibat Penambahan Kotoran Ayam. Jurnal Agroekoteknologi Tropika, Volume 3 Nomor 4, Oktober 2014. (ISSN: 2301-6515), Hal 191-200 http://ojs.unud.ac.id/index.php/JAT; DOI: 10.5400/jts.2018.v23i3.143; https://ojs.unud.ac.id/index.php/JAT/article/view/10838*		
	*Hermawan, A., Sabaruddin, Marsi, R. Hayati, dan **Warsito**. P Use Efficiency by Corn (Zea mays L.) in Ultisols due to Application of Coal Fly Ash-Chicken Manure Mixture, AGRIVITA Journal of Agricultural Science (AJAS) Vol 36 No 2, June-September 2014 (ISSN: 2302-6766), Hal 146-152, DOI: http://doi.org/10.17503/agrivita.v36i2 https://agrivita.ub.ac.id/index.php/agrivita/issue/view/14; http://eprints.unsri.ac.id/id/eprint/4961*		
	*Hermawan, A., Sabaruddin, Marsi, R. Hayati, dan **Warsito**. Perubahan Jerapan P pada Ultisol akibat Pemberian Campuran Abu Terbang Batubara-Kotoran Ayam. Sains Tanah – Journal of Soil Science and Agroclimatology (p-ISSN 1412-3606 e-ISSN 2356-1424) Volume 11 No. 1 (Januari – Juni 2014), Hal 1-10. http://jurnal.fp.uns.ac.id/index.php/tanah/index*		
	*Hermawan, A., Sabaruddin, Marsi, R. Hayati, dan **Warsito**. Modifikasi Titik Muatan Nol Tanah Bermuatan Terubahkan Melalui Pemberian Campuran Abu Terbang Batubara-Kotoran Ayam. Jurnal Agrista (ISSN: 1410-3389), Volume 17 No. 3 (Desember 2013), hal 93-102. http://jurnal.unsyiah.ac.id/agrista; Vol 17, No 3 (2013) (unsyiah.ac.id)*		

Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Indonesian Soil Science Society	*Member*	*1995-now*