

**Judul artikel ilmiah/karya ilmiah/karya seni/buku yang dihasilkan selama tiga tahun terakhir oleh dosen tetap yang bidang keahliannya sesuai dengan PS**

No.	Judul	Nama-nama Dosen	Dihasilkan/ Dipublikasikan pada	Tahun Penyajian/ Publikasi	Tingkat*		
					Lokal	Nasio- nal	Interna- sional
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Detection of Spatial Temporal Autocorrelation using Multivariate Moran and LISA Method on DHF Incidence	Suci Astutik, S.Si., M.Si. Dr. Rahma Fitriani, M.Sc.	<i>European Journal of Scientific Research</i> , Volume 49 No 2, 279 – 285	2011			2
2.	The Extent of Sprawl in the Fringe of Jakarta Metropolitan Area from The Perspective of Externalities	Dr. Rahma Fitriani, M.Sc.	Australian Agriculture and Resource Economic Society Conference 55 <sup>th</sup>	2011			1
3.	The Effects of Policies to Reduce Sprawl in the Fringe of Jakarta Metropolitan Area from the Persepective of Externalities	Dr. Rahma Fitriani, M.Sc.	The 2nd Congress 2012, 2-4 February 2012, Bandung, Indonesia, the East Asian Association of Environmental and Resource Economics.	2012			1
4.	Bayesian Spatial Temporal Autologistic Regression Model on Dengue Hemorrhagic Fever in East Java Indonesia	Dr. Rahma Fitriani, SSi, MSc	Applied Mathematical Sciences, Journal for Theory and Applications	2013			1
5.	Spatial Autoregressive Model to measure Spatial Interdependence of Economic Growth Empirical Evidence of Edjacent Regions of East Java Province Indonesia	Dr. Rahma Fitriani, SSi, MSc	International Conference on Mathematical Sciences and Statistics 2013, 5 – 7 February 2013, Kuala Lumpur Malaysia	2013			1

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
6.	Determination of Spatial Extent of Land Use in the Fringe of Jakarta Metropolitan: A Semivariogram Analysis	Dr. Rahma Fitriani, SSI, MSc Eni Sumarminingsih, SSI, MM	The 9 <sup>th</sup> East Asia SIAM Conference –The 2 <sup>nd</sup> Conference on Industrial and Applied Mathematics, Bandung	2013			2
7.	Robust Kriging As Spatial Interpolation on The Outlier Spatial Data	Darmanto, S.Si	Jurnal Teknika	2011		1	
8.	Power of Test Runs Statistics for Detecting Non-Autocorrelation of Residual in The Regression Linear Model	Darmanto, S.Si. Ani Budi A., M.Si.	Jurnal Teknika	2011		2	
9.	Pemodelan Harga Minyak Dunia Menggunakan Smooth Transition Autoregressive (STAR)	Eni Sumarminingsih, S.Si., MM. Ir. Heni K, MS.	Jurnal Keuangan dan Perbankan Volume 12, Nomor 2	2010		2	
10.	<i>Performance of time-varying risk in cross-sectional tests of asset pricing models: Evidence from quantile regression,</i>	Nurjannah, SSI, MPhil	25th Australasian Finance and Banking Conference, Sydney, Australia.	2012			1
11.	<i>Conditional relation between systematic risk and returns in the conventional and downside frameworks: Evidence from the Indonesian market,.</i>	Nurjannah, SSI, MPhil	<b>Journal of Emerging Market Finance</b> , 11, 3, 271-300	2012			1

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
12.	<i>Parametric bootstrap for goodness-of-fit testing relative to the random-effects distribution in mixed models</i>	Achmad Efendi, SSI, MSc, PhD	The 34th Annual Conference of International Society for Clinical Biostatistics (ISCB). Munich	2013			1
13.	<i>A joint model for longitudinal continuous and time-to-event outcomes with direct marginal interpretation</i>	Achmad Efendi, SSI, MSc, PhD	The 27th International Workshop on Statistical Modeling (IWSM). Prague, 16 - 20 July 2012	2012			1
14.	<i>A multilevel model for hierarchical, repeated, overdispersed time-to-event outcomes and its estimation strategies</i>	Achmad Efendi, SSI, MSc, PhD	Oral presentation in the 19th of Annual Meeting of Belgian Statistical Society, 12-14 October 2011, Hasselt, Belgium	2013			1
15.	<i>Pseudolikelihood estimation for a combined model for repeated, overdispersed time-to-event data</i>	Achmad Efendi, SSI, MSc, PhD	Presented (oral) in the 4th of Interuniversity Attraction Pole (AIP) workshop on Statistics, 18-19 November 2010, KUL Leuven, Belgium	2010			1
16.	<i>Pseudolikelihood estimation for a combined gamma frailty and normal random-effect model for repeated, overdispersed time-to-event data.</i>	Achmad Efendi, SSI, MSc, PhD	Poster presentation in the 18th of Annual Meeting of Belgian Statistical Society, 13-15 October 2010, Spa, Belgium	2010			1

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
17.	On the Connection between Bridge Distributions, Marginalized Multilevel Models, and Generalized Mixed Models.	Achmad Efendi, SSI, MSc, PhD	<i>International Journal of Statistics and Probability</i>	2013			1
18.	A Joint Model for Longitudinal and Time-to-event Outcomes with Direct Marginal Interpretation.	Achmad Efendi, SSI, MSc, PhD	<i>Biometrical Journal.</i>	2013			1
19.	A Marginalized Combined Model for Repeated, Overdispersed Time-to-event Outcomes.	Achmad Efendi, SSI, MSc, PhD	<i>Communication in Statistics – Theory and Methods</i>	2013			1
20.	A Multilevel Model for Hierarchical, Repeated, Overdispersed Time-to-event Outcomes and Its Estimation Strategies.	Achmad Efendi, SSI, MSc, PhD	<i>Journal of Biopharmaceutical Statistics</i>	2013			1
21.	A Combined Gamma Frailty and Normal Random-effects Model for Repeated, Overdispersed Time-to-event Data.	Achmad Efendi, SSI, MSc, PhD	<i>Statistical Methods in Medical Research</i>	2013			1
22.	Analisis Multivariat Pemodelan Struktural: Metode <i>Partial Least Square</i> -PLS	Dr. Solimun	<i>Buku diterbitkan oleh CV Citra Malang</i>	2010		1	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
23.	Investigation the Mediating Variables: What Necessary?	Dr. Solimun	International Conference on Basic Science 2011	2011			1
24.	Investigation the Instrument Validity: Concistency between Criterion Validity and Unidimensional Validity.	Dr. Solimun	2 <sup>nd</sup> Basic Science International Conference 2012	2012			1
25.	<i>Theoretical Studies of Bayesian Mixture Model Averiging Methods for Microarray Data</i>	Dra. Ani Budi Astuti, MSi	<i>Proceedings of 2<sup>nd</sup> Regional Conference on Applied and Engineering Mathematics(RCAEM-II), Penang Malaysia</i>	2012			1
26.	<i>Highest Posterior Density for Identifying Differences in Gene Expression Microarray Experiments</i>	Dra. Ani Budi Astuti, MSi	<i>Proceedings of The 3<sup>rd</sup> Annual Basic Science International Conference (BaSic-III). FMIPA UB, Malang.</i>	2013			1
27.	Statistika Inferensia Terapan Edisi 1	Prof. Henny Pramoedyo	<i>Buku diterbitkan oleh Dinar Wijaya</i>	2012		1	
28.	Rancangan Perlakuan	Prof. Henny Pramoedyo	<i>Buku diterbitkan oleh Dinar Wijaya</i>	2013		1	
29.	Statistika Inferensia Terapan Edisi 2(Perbaikan)	Prof. Henny Pramoedyo	<i>Buku diterbitkan oleh Dinar Wijaya</i>	2013		1	
30.	Pemodelan Threshold Vector Autoregressive (TVAR) Untuk Kurs Jual dan Kurs Beli Euro	Ir. Heni Kusdarwati, MS Eni Sumarminingsih, SSi,MM	Jurnal Keuangan dan Perbankan Volume 13/Nomor 2/2011	2011		2	
31.	A Comparison Of Theil Estimator And M Huber Estimator To Estimate The Slope Of Simple Linear Regression	Eni Sumarminingsih, SSi, MM  Prof. Dr. Ir. Loekito Adi Soehono, MAgr	2nd Regional Conference On Applied & Engineering Mathematics				2

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
32.	Aplikasi General Linear Mixed Model (GLMM) Bi-Respon Pada Respon Pasien Penderita Diabetes Melitus	Adji Achmad Rinaldo Fernandes, SSi, MSc	Natural B Jurnal Lingkungan dan Kesehatan Vol 1 No. 2	2011		1	
33.	Application of Multi Response Longitudinal Data Using Linear Mixed Model	Adji Achmad Rinaldo Fernandes, SSi, MSc	<i>Proceedings of 2<sup>nd</sup> Regional Conference on Applied and Engineering Mathematics(RCAEM-II), Penang Malaysia</i>	2012			1
34.	Pendekatan General Spatial Model (GSM) pada Data Angka Kematian Bayi	Prof. Dr. Ir. Henny Pramodyo, MS	Natural B Jurnal Lingkungan dan Kesehatan Vol 1 No. 3	2012		1	
35.	Bayesian State-space Modeling for Spatio-Temporal Rainfall Disaggregation	Dr. Suci Astutik, SSi, MSi	International Journal of Applied Mathematics and Statistics, 37(7):26-37	2013			1
36.	The Development of Spatial Temporal Rainfall Disaggregation with Bayesian Method	Dr. Suci Astutik, SSi, MSi	Proceedings for the Spring Conference 2010, The Korean Statistical Society, Daejeon Korea	2010			1
37.	An Exploration of Sampeyan Watershed Rainfall Data	Dr. Suci Astutik, SSi, MSi	Proceedings 3 <sup>rd</sup> International Conferences and Workshop on Basic and Applied Sciences, Surabaya Indonesia	2011			1
38.	Spatio Temporal Rainfall Disaggregation using MUDRAIN on DAS Sampeyan Baru	Dr. Suci Astutik, SSi, MSi	Proceedings of the International Conference on Mathematics and Sciences, Surabaya Indonesia	2011			1

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
39.	Pemodelan Curah Hujan Spatio-Temporal dengan Vector Autoregressive Bayesian	Dr. Suci Astutik, SSi, MSi	Seminar Nasional Pascasarjana XII, Surabaya Indonesia			1	
40.	Hybrid State-Space Model and Adjusting Procedure Based on Bayesian Approaches for Spatio Temporal Rainfall Disaggregation	Dr. Suci Astutik, SSi, MSi	Proceedings of the International Conference on Statistics in Science, Business and Engineering	2012			1
41.	Simulation of the Stationary Spatio-Temporal Disaggregation using Bayesian State-space with Adjusting Procedure	Dr. Suci Astutik, SSi, MSi	Proceedings International Conference on Mathematics, Statistics and Its Applications, Bali Indonesia	2012			1
42.	MLP Feed Forward Neural Network for prediction of Mc Glass time series	Samingun Handoyo, SSi, MCs	International Basic Science	2010			1
43.	Wavelet Radial Basis Function (WRBF) for Prediction of non Stationary Time Series	Samingun Handoyo, SSi, MCs	International Conference of South East Asian Mathematics	2011			1
44.	ARIMA- ANN hybrid for Forecasting Financial Data	Samingun Handoyo, SSi, MCs	Nasional Conference of Indonesian's Mathematics Society	2012		1	
45.	Using Logistic-Gompertz Model to Estimate the Body Weight Growth of Lohman Chicken	Dr. Ir. Ni Wayan Surya Wardhani, MS	Applied Math International Conference (Malaysia, 2010)	2010			1

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
46.	The Attempt to Estimate The Maximum Growth Rate of Sweet Corn Plant	Dr. Ir. Ni Wayan Surya Wardhani	International Conference on Food Safety and Food Security (Jogyakarta, 2011)	2011			1	
47.	The Application of Gompertz, Richards and Hyperbolastic Growth Models to describe Weight Growth	Dr. Ir. Ni Wayan Surya Wardhani	International Conference on Basic Science (Malang, 2011)	2011			1	
48.	An Estimation of Sugarcane Growth Rate	Dr. Ir. Ni Wayan Surya Wardhani	International Conference on Applied Stat (Singapore, 2012)	2012			1	
49.	Dasar-dasar Statistika Untuk Ilmu Pertanian	Dr. Ir. Ni Wayan Surya Wardhani	Buku diterbitkan UM Press ,	2010		1		
50.	Using Bi-Logistic to Estimate the Growth of Young Teak Tree	Dr. Ir. Ni Wayan Surya Wardhani	Journal of Mathematics and Technology, IJAR 4/2010	2010			1	
51.	Menduga Pertumbuhan Bobot Ayam Broiler Dengan Pendekatan Logistic dan Gompertz	Dr. Ir. Ni Wayan Surya Wardhani	Jurnal Veterinaria Medika Vol.3 No.2, tahun 2010	2010		1		
52.	Pendekatan Matematis dalam Penentuan Waktu Efektif Pertumbuhan Cabai Merah	Dr. Ir. Ni Wayan Surya Wardhani, MS	Journal on Agricultural Sciences, Vol.1, No. 1, 2011	2011			1	
53.	Effect of biochar on release and loss of Nitrogen from urea fertilizer	Prof. Dr. Loekito Adi Soehono, M.Agr	Journal of Agriculture and Food Technology Vol . 1 No. 7, 2011	2011			1	
54.	The effect of biochar on the growth and N fertilizer of maize (Zea mays L) in greenhouse	Prof. Dr. Loekito Adi Soehono, M.Agr	Journal of Agricultural Science Vol. 4 No. 5, 2012	2012			1	
Jumlah						n <sub>c</sub> =0	n <sub>b</sub> =17	n <sub>a</sub> =40