



UNIVERSITAS INDONESIA

Faculty of Mathematics and Natural

Sciences Department of Mathematics

Building D, Kampus UI Depok 16424, Telp: 021 - 7863439,

Email: sekretariat.math@sci.ui.ac.id, website:

<https://www.math.ui.ac.id/>

STAFF HANDBOOK

Name	Suci Fratama Sari		
Expertise	Actuarial Science, Quantitative Risk Management		
Academic career		Institution	Year
	Undergraduate degree	Andalas University	2009 - 2013
	Master degree	Bandung Institute of Technology	2013 - 2015
	Doctoral degree	Bandung Institute of Technology	2019 - now
	Post-doctoral	-	-
Employment	Position	Employer	Period
	Lecturer	Universitas Indonesia	2016 - 2021
	Assistant professor	Universitas Indonesia	2021 - now
Research and development projects over the last 5 years	<p>1. Universitas Indonesia with PITTA research grant scheme, "Penentuan Premi (Pricing) Asuransi Pertanian" Period : 2018, Partner: Dr. Dra. Sri Mardiyati, M.Kom (PI), Amount of financing: IDR.81.000.000,-</p> <p>2. Universitas Indonesia with PITTA research grant scheme, "Pengembangan Model Value-at-Risk dalam Portofolio Investasi dan Asuransi", Period : 2018, Partner: Mila Novita, M.Si (PI), Amount of financing: IDR. 81.000.000,-</p> <p>3. READI's Applied Research program, "Model Reasuransi Optimal Menggunakan Quantile-based Retention (QbR) dan Expectile-based Retention (EbR)," Period : 2020 Partner: - Amount of financing: IDR. 60.000.000,-</p>		
Industry collaborations over the last 5 years	Project title : - Partners : -		
Patents and proprietary rights	Title	Year	
	-	-	
Important publications over the last 5 years	Selected recent publications		
	1. M.H. Filiapuspa, S.F. Sari , S. Mardiyati, Applying Black Scholes method for crop insurance pricing, AIP Conference Proceedings, 2168 (1), 020042, 2019		

	<ol style="list-style-type: none"> 2. T.A.S. Nur, S.F. Sari, S. Mardiyati, Crop insurance premium based on proportional hazard transform, AIP Conference Proceedings, 2168 (1), 020043, 2019 3. Y. Adilla, S. Mardiyati, S.F. Sari, Multivariate weighted premium principle for determining crop insurance premium, AIP Conference Proceedings, 2168 (1), 020040, 2019 4. F. Alwie, M. Novita, S.F. Sari, Risk measurement for insurance sector with credible tail value-at-risk, AIP Conference Proceedings, 2184(1), 050039, 2019 5. C. Lukito, M. Novita, S.F. Sari, Risk measurement for investment using Tail Variance Premium and Tail Standard Deviation premium, AIP Conference Proceedings, 2184 (1), 050040, 2019 6. S. Karmila, S. Nurrohmah, S.F. Sari, Claim reserve prediction using the credibility theory for the Chain Ladder, Journal of Physics: Conference Series, 1442 (1), 012038, 2020 7. R. Azzakia, Y. Widyaningsih, S.F. Sari, Analysis of variables that affect women's participation to work in Kelurahan Pondok Cina, Depok, AIP Conference Proceedings, 2242 (1), 030005, 2020 8. I. Saputra, S. Nurrohmah, S.F. Sari, Claim reserving prediction with Bornhuetter-Ferguson method, Journal of Physics: Conference Series, 1725 (1), 012102, 2021 9. S. Triana, M. Novita, S.F. Sari, The Benktander claim reserving method, combining chain ladder method and Bornhuetter-Ferguson method using optimal credibility, Journal of Physics: Conference Series, 1725 (1), 012087, 2021 10. N.A. Anggraini, S. Nurrohmah, S.F. Sari, Premium calculation on health insurance implementing deductible, Journal of Physics: Conference Series, 1725 (1), 012081, 2021 		
Scholar UI ID	https://scholar.ui.ac.id/en/persons/suci-fratama-sari		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	The Indonesian Mathematical Society (IndoMS)	Member	2018 - now
	The Institute of Mathematical Statistics (IMS)	Member	2021 - now

