



UNIVERSITAS INDONESIA
 Faculty of Mathematics and Natural Sciences
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STAFF HANDBOOK

Name	Dra. Siti Nurrohmah, M.Si.		
Expertise	Statistics Modelling and Insurance Modelling		
Academic career		Institution	Year
	Undergraduate degree	Universitas Indonesia	1996
	Master degree	Bandung Institute of Technology	2005-
	Doctoral degree	-	-
	Post-doctoral	-	-
Employment	Position	Employer	Period
	Lecturer	Universitas Indonesia	1997 -2002
	Assistant Profesor	Universitas Indonesia	2002 - now
Research and development projects over the last 5 years	<ol style="list-style-type: none"> 1. Riset PUTI Prosiding, “Pemodelan Statistika untuk Masalah-masalah Asuransi yang Berkaitan dengan Premi”, Period 2020, Partner Ida Fithriani, Amount of financing Rp23.000.000,00 2. Riset PITTA, “Pemodelan Statistika untuk Data Survival dan Count Data dengan Menggunakan Heavy Tail Distribution”, Period 2018, Partner Ida Fithriani, Amount of financing Rp81.000.000,00 		
Industry collaborations over the last 5 years	<ol style="list-style-type: none"> 1. Project title : Sensus Penduduk 2020 Partners : BPS 2. Project title : Validasi Naskah Ujian Nasional 2020 Partners : Kementerian Pendidikan dan Kebudayaan RI 3. Project title : Telaah Soal Ujian Nasional 2019 Partners : Kementerian Pendidikan dan Kebudayaan RI 4. Project title : Review dan Validasi Soal UN SMA/SMK 2019 Partner : Kementerian Pendidikan dan Kebudayaan RI 5. Project title : Pembuatan Soal dan Review Soal SBMPTN 2017 Partner : LTMPT 6. Project title : Pembuatan Soal dan Review Soal SBMPTN 2018 Partner : LTMPT 		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	Selected recent publications		
	<ol style="list-style-type: none"> 1. Angga Pratama, Hendri Murfi, S Nurrohmah, Afif Akbar : Sensing Trending Topics in Twitter for Greater Jakarta Area, International Journal of Electrical and Computer Engineering, vol 7, issue 1, page 330, 2017 		

	<ol style="list-style-type: none"> 2. MR Adha, S Nurrohmah, S Abdullah : Multinomial Logistic Regression and Spline for Credit Risk Modelling, Journal of Physics Conference Series, vol 1108, issue 1, 2019 3. TM Karina, S Nurrohmah, I Fithriani : Buhlmann credibility model in predicting claim frequency that follows heterogeneous Weibull count distribution, Journal of Physics Conference Series, vol 1108, issue 1, 2019 4. AD Putri, S Nurrohmah, Ida Fithriani : Quota-share and stop-loss reinsurance combination based on Value-at-Risk (VaR) optimization, Journal of Physics Conference Series, vol 1725 , pages 01297, 2021 5. K Nisa, S Nurrohmah, M Novita : The measure strength of predictive in the poisson regression model with regression correlation coefficient case study of maternal mortality rate in Central Java Province in 2015, Journal of Physics Conference Series, vol 1725 , pages 01290, 2021 6. DA Harjani, S Nurrohmah, M Novita : Performance evaluation of the Bühlmann credibility approach in predicting mortality rates, Journal of Physics Conference Series, vol 1725, pages 0129, 2021 7. GN Putri, S Nurrohmah, I Fithriani : Comparing Poisson-Inverse Gaussian Model and Negative Binomial Model on case study: horseshoe crabs data, Journal of Physics Conference Series, vol 1442, pages 012028, 2020 8. AS Jaladri, S Nurrohmah, I Fithriani : Pricing catastrophe reinsurance risk premium using Peaks Over Threshold (POT) model, , Journal of Physics Conference Series, vol 1725, issue 1, page 012086, 2021 		
Scholar UI ID	https://scholar.ui.ac.id/en/persons/siti-nurrohmah		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Indonesian Mathematical Society (IndoMS) ISI	Member Member	2016 - now 2020 - now