



STAFF HANDBOOK

Name	Nur'ainul Miftahul Huda		
Post	Space-time modeling, Time series modeling		
Academic career			
	Initial academic appointment	Institution	Year
	Master's degree (Math)	ITB	2019
	Undergraduate degree (Math)	UNTAN	2016
Employment	Position Assistant Professor 2022-now		
Research and development projects over the last 5 years	Name of project or research focus: Estimating Health Costs Due to Peatland Fires Using Spatial Temporal Econometric Models Period and any other information: ~ 2024 Partners, if applicable: Universitas Prasetya Mulya Amount of financing (in total 2018 - 2024): ~ IDR 91,310,000		
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 from a total of approx - Yundari, Nur'ainul Miftahul Huda (2022). Analysis Of The Vaccination's Impact On The Increase In Covid-19 Daily New And Recovered Cases Using The Vector Autoregressive (Var) Model (Case Study: West Kalimantan). Berekeng: Jurnal Ilmu Matematika dan Terapan. 16(3) - Nur'ainul Miftahul Huda, Fransiskus Fran, Yundari, Lisa Fikadila, Fauziah Safitri(2023). Modified Weight Matrix Using Prim Algorithm In Minimum Spanning Tree (MST) Aproach For GSTAR(1;1) Model. BAREKENG: Journal of Mathematics and Its Applications Vol 17 No 1 - Nur'ainul Miftahul Huda dan Nurfitri Imro'ah (2023). Determination of the best weight matrix for the Generalized Space Time Autoregressive (GSTAR) model in the Covid-19 case on Java Island, Indonesia. Spatial Statistics. Vol 54. - Udjianna Sekteria Pasaribu, Utriweni Mukhaiyar, Nur'ainul Miftahul Huda, RR Kurnia Novita Sari, Sapto Wahyu Indratno (2021). Modelling COVID-19 growth cases of provinces in java		



	Island by modified spatial weight matrix GSTAR through railroad passenger's mobility. Heliyon. Vol 7(2). 5. Nur'ainul Miftahul Huda dan Nurfitri Imro'ah (2023). Hybrid ARIMA-Spatial Autocorrelation (Moran Index and LISA) for Covid-19 Vaccination in All Indonesian Provinces. Jambura. Vol 4(2). 6. Nur'ainul Miftahul Huda, Nurfitri Imro'ah, Nani Fitria Arini, Dewo Setyo Utami, Tarisa Umairah. Looking at GDP from a Statistical Perspective: Spatio-Temporal GSTAR(1;1) Model. JTAM. Vol 7(4).		
Activities in specialist bodies over the last 5 years			
	Organisation	Role	Period
	Indonesian Mathematical Society (IndoMS)	Member	2022 - 2024