



### Personal Info

Name : Prof. Dr. Ir. Loekito Adi Soehono, M.Agr  
 Functional position : Professor  
 Structural position : -  
 NIP/NIK : 194703271974121001 / 20171247032711001  
 NIDN/NIDK : 8881080018  
 E-mail : loekito@loekito.id  
 Course taught : 1. Introduction to Life Science  
 2. Introduction to Experimental Design  
 3. Analysis of Statistics

### Education Background

Program	S1	S2	S3
University	Universitas Brawijaya	University of Sydney	University of Sydney
Department	Agricultural Engineering	Statistics - Biometrics	Biometrics
Year of graduation	1974	1980	1991
Title of final project/thesis/dissertation	-	-	-
Supervisor/Promotor	-	-	-

### Research Project

1. Autoregressive Spatial Vector Modeling with Exogenous Variables (Intervention and Calendar Variations) for Inflation and the Money Supply in East Java (2020)
2. Multivariate Error Correction Model (MECM) Development and Identification (2019)
3. Continuous Ranked Probability Score (CRPS) algorithm in Bayesian Mixture Modeling for Microarray data in Indonesia (2018)
4. Estimation of Quantile Regression in Dynamic Models using the Kalman Filter Approach for Modeling Extreme Rainfall in Indonesia (2017)
5. Comparison of Correlation Levels among Responses in Birespon Smoothing Spline Approach Nonparametric Regression Model (2016)



6. Relationship between Pluttella Population Density and Frequency of Insecticide Spraying on Cabbage Production (2015)

#### Community Development Program

1. Analysis of educational data and Human Resource Management for the Human Foundation Permata Malang (PAUDIT, SDIT, and SMPIT) Malang City (2020)
2. Utilization of Statistical Methods for CAR for MGMP Mathematics Teachers in Banyuwangi Regency to Increase Research Ability (2019)
3. Optimization of MS Excel in Classroom Action Research for Teachers of SDN Tanjung Kamal I-V, Mangaran District, Situbondo Regency (2018)
4. Forecasting Method Training Using Artificial Terms Network with Software R at Balijestro Tlekung, Batu City (2017)
5. Statistical Analysis Training to Improve the Quality of Research Reporting (2016)
6. Probability Statistics Training for Mataram City High School Teachers in Preparation for the National Science Olympiad (2015)

#### Journal Publication

1. VECM and Bayesian VECM for Overparameterization Problem. IOP Conference Series: Earth and Environmental Science. Vol.1811 No.1 (2021)
2. Does outlier need to be removed from regression analysis? Case study in economics research. Journal of Applied Economic Sciences. Vol.12 No.4 pp.1141-1147 (2017)
3. Extraction optimization by response surface methodology and characterization of Fucoidan from brown seaweed Sargassum polycystum. International Journal of ChemTech Research. Vol. 6 No.1 pp.195–205 (2014)
4. Simultaneous effect of calcium, magnesium, copper and cobalt ions on sapogenin steroids content in callus cultures of Agave amanuensis. Plant Cell, Tissue and Organ Culture. Vol.55 No.2 pp.103-108.

#### Textbook Publication

1. Percobaan Faktorial dengan Analisis Data Menggunakan Software Genstat (UB Press, 2017)