Research

I am a member of the Division of Computational Intelligence and Optimization, Computer Science Department, IPB University. My research interest is in data mining techniques applied to the real data in agriculture.

Research:

- Development of Integrated Patrol System to Support Forest and Land Fires Prevention in Sumatra Indonesia (2019-now)
- Spatial and Temporal Patterns of Transboundary Haze from Peatland Fires and Its Relation to Land Use And Land Cover Change (2018-now)
- Spatial Model of Land Suitability for Garlic using Machine Learning Approach (2019-now)
- Spatial Online Analytical Processing (SOLAP) for Agricultural Commodities using Multidimensional Data Analysis Approach (2017-2018)
- Trajectory Pattern Mining on Haze of Peatland Fires (2017 -2019)
- Developing an Early Warning System for Forest and Peat Land Fires in Sumatera and Kalimantan using Spatio-Temporal Data Mining Approach (2015-2016)
- Spatial Online Analytical Processing (SOLAP) for Hotspot Distribution (2013 - 2015)