



Dr. Sutikno

Senior Lecturer



S.Si. (Statistics-ITS, 1996); M.Si. (Statistics-IPB, 2000); Dr. (Climatology-IPB, 2008)



CURRENT POSITION

Head of Undergraduate (S1)
Program

RESEARCH INTEREST

Spatial Statistics, Extreme Value
Modelling, Environmental
Statistics.

PUBLICATION

- Spatial Durbin model to identify influential factors of diarrhea. (2012). *Journal of Mathematics and Statistics*, 8 (3).
- Maximum likelihood estimation for spatial durbin model. (2012). *Journal of Mathematics and Statistics*, 9 (3).
- Gaussian copula marginal regression for modeling extreme data with application. (2014). *Journal of Mathematics and Statistics*, 10 (2).

Dr. Sutikno has done numerous research in climatology and climate change studies. He has conducted research in developing methods for preprocessing GCM data, modeling the data through statistical downscaling, determining extreme value or pattern, to modeling rice production in terms of studying food security.

He is also involved in several projects cooperated with Meteorological, Climatology, and Geophysics Bureau of Indonesia (BMKG) in developing short-term weather prediction approach for Output Models Statistics.

Dr. Sutikno also has many works concern in spatial analysis. He teaches classes for spatial analysis in graduate level and has many works reported and published in that area.

SCOPUS Publication & Citation

- <https://www.scopus.com/authid/detail.uri?authorId=55535264800>