MINISTRY OF HIGHER EDUCATION

FACULTY OF COMPUTER SCIENCE AND MATHEMATICS

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SITI MADHIHAH ABD MALIK

LECTURER

Specializing in statistical modeling, time series forecasting, and applications of machine learning in environmental and socioeconomic studies. Focused work on leveraging data-driven approaches to address climate change, and income distribution in Malaysia.

RESEARCHER PROFILE

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EDUCATION

- MSc (Mathematics)
- Bsc (Computational Mathematics)

SELECTED PUBLICATIONS

Zakaria, S., Sulaiman, N. F. C., Roslan, U. A. M., Alias, A., & **Malik, S. M. A.** (2023). Impact of COVID-19 Pandemic on Malaysian Socio-Economics: Statistical-Dynamical Approach. Journal of Mathematical Sciences and Informatics, 3(1).

Mohamed, N., Baharin, N. A. N., Ikram, N. S. M., Aleng, N. A., Bakar, **M. A., Malik, S. M. A.**, Ibrahim, N. F. & Miftahuddin. (2023). Application of Robust Regression on Sea Surface Temperature Data in the Indian Ocean, JP Journal of Biostatistics, 23(2), 211–225.

Zakaria, S., Zaini, N. E., **Abdul Malik, S. M.**, & Wan Alwi, W. S. (2021). Exploratory Spatial Data Analysis (ESDA) on COVID-19 Cases in Malaysia, Jurnal Teknologi, 83(6), 83–94.

AREAS OF EXPERTISE

- Time Series Forecasting
- Income Distribution
- Human Capital Analysis

"To be an inspiring researcher in statistical and machine learning techniques"