



PRIME MINISTER'S DEPARTMENT  
DEPARTMENT OF STATISTICS MALAYSIA



# 9<sup>TH</sup> MALAYSIA STATISTICS CONFERENCE

Department of Statistics, Malaysia

Dealing with Uncertainties: Unearthing Measures for Recovery

4 OCT 2022  
(VIRTUAL)

&  
5 OCT 2022  
(ILSM, SUNGKAI, PERAK)



PARALLEL SESSION 1 PS1(a)  
2.00 PM

## EMERGING DATA NEEDS DUE TO THE EVOLVING FINANCIAL LANDSCAPE

Moderator



**Encik Muhammad  
Othman**

Senior Executive,  
Bank Negara  
Malaysia

Presenter

Encik Mohamad Amjad  
Mohamed Zahari

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Trade in Value Added (TiVA)  
Analysis: Malaysia's  
Interdependencies in the  
Production Structure Using  
Spatial Linkages Analysis

Encik Jing lian Suah

B  
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M



An Application of the Interrupted  
Time Series Methodology to  
Evaluate Policy Impact Using  
Daily Data: The Impact of  
COVID-19 Cash Handouts on  
Daily Spending

Puan Siti Hawa Sa'adun

D  
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Relationship between Gross  
Domestic Product (GDP) of  
Information and  
Communication Technology  
(ICT), Import Trade of ICT and  
Revenue of Services ICT

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PARALLEL SESSION 1 PS1(b)  
2.00 PM

## ENVIRONMENTAL UNCERTAINTIES: STATISTICAL MODELLING & ANALYSIS

Moderator



**Dr. Mai Zurwatul  
Ahlam Mohd Jaafar**

Senior Lecturer  
Faculty of Science,  
University of Putra  
Malaysia

Presenter

Puan Umi Haryantie Mohd  
Hisham

U  
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Non-linear Regression of  
Pumping Rate for Jenderam  
Hilir Heterogeneous Aquifer

Puan Idari Ismail

U  
P  
M



Bathtub Hazard Model with  
Covariates in the Presence of  
Right- and Interval-Censored  
Data

Encik Ahmad Najmi Ariffin

D  
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Application of Seamless  
Hybrid Geocoding Solution  
for Business Location using  
KAWASANKU API

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PARALLEL SESSION 2 PS2(a)  
2.45 PM

## BUSINESS UNCERTAINTIES: RISK ASSESSMENT AND OPTIMIZATION

Moderator



**Dr. Norli Anida  
Abdullah**

Senior Lecturer,  
Mathematics  
Division,  
University of Malaya

Presenter

YBrs. Prof. Habshah Midi

U  
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Prediction Uncertainties:  
Dealing with Multicollinearity  
Caused by High Leverage  
Collinearity Enhancing  
Observations in Regression  
Analysis

Puan Nur Fatimah Mohd Ali

U  
M



Integrating a stream distance  
measure into a spatial outlier  
detection algorithm for locating  
pollution in Klang river basin

Encik Chin Wen Cheong

X  
I  
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Asymmetric Volatility and  
Risk Analysis of Bitcoin  
Market during the Pandemic

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PARALLEL SESSION 2 PS2(b)  
2.45 PM

## TRANSITION OF EMPLOYMENT AND ECONOMIC STRUCTURE FROM PANDEMIC TO RECOVERY

Moderator



**Encik Wan Mohd  
Shahrulnizam Wan  
Mohd Najuri**

Senior Director,  
Department of  
Statistics Malaysia

Presenter

Encik Muhammad Shafiq  
Harun

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Assessment of Malaysia's  
Employment Recovery Amid  
Covid-19 Crisis

Y.M .Tengku Noradilah  
Tengku Jalal

D  
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Random Forest Classification  
for Plantation of Rubber Area  
Using Digital Number Versus  
Reflectance Values

Puan Wan Nuraliya Afifah  
Wan Ramli

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Krisis Guna Tenaga dalam  
Sektor Pertanian di Malaysia

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