

8th MALAYSIA STATISTICS CONFERENCE

Department Of Statistics Malaysia

Navigating Resilient Recovery Through Statistics

NAVIGATING RESILIENT RECOVERY THROUGH STATISTICS

18
OCTOBER

VIRTUAL SHORT COURSE
FOR THE 8th MALAYSIA
STATISTICS CONFERENCE 2021

SPEAKERS



Prof. Dr. Sallahuddin Hassan

Professor

Universiti Utara Malaysia

- PhD in Economics from Universiti Malaya. An expert in applied econometrics, investment, monetary and macroeconomic. Published many articles in ISI-indexed journal, SCOPUS indexed journal, and some refereed journals at the international and national levels.



James William Tebrake

Assistant Director and Chief of the Real Sector
Statistics Division

International Monetary Fund (IMF)

- Master degree graduate in Economics from Carleton University. Experienced in macroeconomic statistics, covering in particular national accounts and external sector statistics.



Prof. Dr. Ibrahim Mohamed

Professor, Institute of Mathematical Sciences
Universiti Malaya

- PhD in Statistics from UITM. Main research area concerns with the occurrence of outlier in different types of data including circular, time series and survival data. President of Institute of Statistics Malaysia (ISMy).



Len Cook

Institute of Governance and Policy Studies
Victoria University of Wellington, New Zealand

- Government Statistician of New Zealand (1992-2000) and a National Statistician of the United Kingdom and Registrar-General of England and Wales (2000-2005).



Bruno Tissot

Head of Statistics and Research Support
Bank for International Settlements (BIS)

- Graduate from École Polytechnique (Paris) and French Statistical Office INSEE and has been working at BIS since 2001. He is also the head of the Secretariat of the Irving Fisher Committee on Central Bank Statistics (IFC).



Prof. Madya. Dr. Arifah Bahar

Associate Professor

Universiti Teknologi Malaysia

- PhD in Stochastic Dynamics from University of Strathclyde, UK. Research interest on stochastic modelling of groundwater, stochastic dynamical system, and uncertainty quantification.

AGENDA

8.15 am – 9.00 am

Registration

9.00 am – 12.00 pm

Parallel Session 1

Session 1a: Forecasting of Economic Indicators During the COVID-19 Pandemic Using Time Series Method
- Prof. Dr. Sallahuddin Hassan

Session 1b: Linking Climate-related and Macroeconomic/ Financial Data - James William Tebrake

Session 1c: Crescent Moon Sighting in Malaysia - A Comprehensive Approach with Statistical Data Science
- Prof. Dr. Ibrahim Mohamed

12.00 pm – 2.00 pm

Break

2.00 pm – 5.00 pm

Parallel Session 2

Session 2a: Learning from Case Studies: Some Examples from Statistical Offices in New Zealand and United Kingdom - Len Cook

Session 2b: Governance in Statistical Data Sharing - Bruno Tissot

Session 2c: Statistics Publication Workshop - Prof. Madya. Dr. Arifah Bahar



Register here
before
8/10/2021

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PARALLEL SESSION 1

1a. Forecasting of Economic Indicators During the COVID-19 Pandemic Using Time Series Method

Prof. Dr. Sallahuddin Hassan



Participants will be introduced to the principles and applications of selected univariate forecasting techniques in this course and also will be trained in using smoothing methods, decomposition time-series and Box-Jenkins methods. This course emphasizes on the issues of estimation, interpretation and application of these methods. Besides, this course will also introduced participants to NCSS Statistical Software for forecasting exercises.

1b. Linking Climate-related and Macroeconomic/Financial Data

James William Tebrake



This course will enlighten the audience on latest global initiative on climate change including IMF Climate Change Dashboard to the growing need for climate change related data used in macroeconomic and financial policy analysis. This comprises economic activity and climate indicators; cross border indicators; financial, physical, and transition risk indicators; and government policy indicators.

1c. Crescent Moon Sighting in Malaysia – A Comprehensive Approach with Statistical Data Science

Prof. Dr. Ibrahim Mohamed



This session will share the monthly crescent moon sightings activities conducted under JAKIM. This course will also introduce the variables measured during the activities and describe the data collected for the past 20 years at Teluk Kemang Observatory Station. In addition, current initiatives in formulating comprehensive system of data sharing in Malaysia for better decision makings, namely, National Rukyah Hilal Malaysia (myRHK) and e-Hilal UM also will be shared in this session.

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PARALLEL SESSION 2

2a. Learning from Case Studies: Some Examples from Statistical Offices in New Zealand and United Kingdom

Len Cook



This course will share about unexpected events which have necessitated a change in practice, methods, sources, or statistical outputs to be quickly decided on, and implemented with high priority. Besides, this course will also elaborate about several examples from New Zealand and United Kingdom of the type of strategies that assisted recovery and identify the insights gained during implementation that would have altered the recovery strategy had they been anticipated for the major events.

2b. Governance in Statistical Data Sharing

Bruno Tissot



This course will elaborate on data governance best practices in data sharing to make the best use of the data available across agencies. This includes multiple data governance frameworks, how new information sources can complement official statistics, strategies to improve data usage for policy purposes, evolution of role from being a compiler to curator and agencies in NSS to improve data governance especially on data sharing going forward.

2c. Statistics Publication Workshop

Prof. Madya. Dr. Arifah Bahar



This short course exposes participants to local journals that publishes statistical sciences findings that have significant contribution to knowledge and wide range of applications. The scope and submission procedures of each journal will be presented and guideline to write good manuscript will also be presented.