Limited space available up to 25 participants
Register now at:
https://goo.gl/forms/KUFC0v03O3KT6Kyi2

Dateline for Registration:
15th March 2019
Dateline for full payment:
19th March 2019

Normal Fee : RM600
Postgraduate Student : RM500
Fee includes workshop materials, floor assignments and evaluation, certificates of attendance, morning and afternoon tea breaks and lunches.

Methods of Payment
Registration fee can be paid through:
Cash/Money Order/ Postal Order/
Cheque/Bank Draft/LO/PO/ EFT/
Credit card/ Vote transfer (UPM only)
Payable to : Kira-kira Am UPM
Bank Name : CIMB BANK BERHAD
Bank Address : CIMB UPM Branch,
43400 UPM Serdang,
Selangor
Account No. : 8002151963
Reference : Statistical Workshop ITAFoS and Participant’s Full Name

Please email the proof of payment and student card (proof of student ID card is applicable for student’s only) to:
foodcroplab2018@gmail.com
cc to : amanina@upm.edu.my

Workshop Content
Day 1 (3rd April 2019)
Fundamentals of Statistics
- Introduction to statistics
- Descriptive Statistics
  (mean, standard deviation, standard error, coefficient of variation etc.)
- Normal Distribution
- Linear Regression
- Multiple Regression
- ‘t’ Test
- Means Comparison using Tukey’s test, LSD & Duncan

Day 2 (4th April 2019)
Experimental Designs
- Completely Randomised Design (CRD)
- Randomised Complete Block Design (RCBD)
- Split Plot
- Split-split plot
- Latin Square

Organised by:
Laboratory of Climate-Smart Food Crop Production Institute of Tropical Agriculture & Food Security Universiti Putra Malaysia
The workshop is designed for participants who have limited experience with SAS but is interested to understand the tools and statistical analysis techniques for research. Participants will be exposed to the basics of data analytics and the language of SAS.

In this workshop, participants will learn how to open datasets, importing and merge data files, combine tables, explore data with simple statistics and graphs, recoding variables, SAS Functions and produce descriptive statistics.

Participants will also learn how to produce dependent and independent variables, conduct various tests of significance and measures of association, continue with produce and interpret chi square tests, t-tests, Pearson product moment correlation matrices, reliability analyses, analysis of variance and ordinary least squares regression results.

Please scan this QR code to register
https://goo.gl/forms/KUFC0Vo3O3KT6Kyj

Limited Seats
Register Now !!!

<table>
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<th>INTRODUCTION</th>
<th>WHO SHOULD ATTEND</th>
<th>FACILITATORS</th>
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| The workshop is designed for participants who have limited experience with SAS but is interested to understand the tools and statistical analysis techniques for research. Participants will be exposed to the basics of data analytics and the language of SAS. | • Data analysts  
• Researchers  
• Lecturers  
• Scientist  
• Post-graduate Students | Prof. Rafii research activities include crop breeding through conventional and molecular approaches to enhance yield, quality and tolerance/resistance of crops to biotic and abiotic stresses. He has contributed significantly in the advancement of research at Malaysian Palm Oil Board (1991-2002) and UPM (2003 to date) particularly on oil palm and food crop breeding. To date, he has published over 200 journal publications mostly in reputed citation indexed journals. He has obtained recognition at the international and national levels on his achievements as a scientist such as the Top Research Scientist Malaysia (TRSM) 2017 by Academy of Sciences Malaysia, Malaysia’s Rising Star Award 2016-International Collaboration by Elsevier and Ministry of Higher Education (MOHE), the Best Industrial Linkage Project Award 2017, UPM and Vice Chancellor Excellence Researcher Award 2013, UPM. |

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<tr>
<th>VENUE</th>
<th>CONTACT US</th>
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| Makmal Komputer  
Block E  
Faculty of Agriculture  
Universiti Putra Malaysia | Dr. Fatma Azwani  
or  
Mrs. Nur Amanina  
Dr. Mashitah Jusoh  
Senior Lecturer  
Department of Crop Science  
Faculty of Agriculture  
Universiti Putra Malaysia |

Dr. Mashitah studied Horticulture Sciences minoring in Applied Statistics at the University of Wisconsin Madison, USA. She teaches statistics and experimental design courses and uses SAS software for the undergraduate and postgraduate students. Her research interest is in crop production and modelling in a controlled environment.