# **SPEAKER**



## **MR. MATT GALLOWAY**

He has worked for METER Group (formerly known as Decagon) for 23 years. In that time, he has functioned as a technical support, product manager, and international sales manager, which is his current position. His many years with the company have given him experience and a depth of understanding of METER's products and their applications. He uses this experience to help METER's international sales teams understand and train METER'S user worldwide. Matt has a Bachelor's and an MBA from Washington State University.

## Background

- LP-80 meter is a smart way to measure how much light is intercepted by a plant canopy and calculate leaf area index. It measures photosynthetically active radiation and the data can be used with other climate data to estimate biomass production without destroying the plant.
- Stomatal conductance is measured by measuring vapor flux from the leaf through the stomata, it enables you to tell the difference between transpiring leaves and ones that have shut down. High-speed results, ease of use, and a low cost mean more measurements in less time without blowing your budget.
- All-In-One Weather Station measures 12 variables in single equipment, no moving parts and all data transmitted over a single wire.

### **Objectives**

- To hands-on and learn how to operate Plant Canopy Measurements Device
- To learn about All-In-One Weather Station and how to collect data efficiently
- To conduct discussion and overview on the technical matter related to plant and atmosphere continuum
- To deliberate and share information on the current research findings and technologies pertaining to the current study

## Who Should Attend

- Researchers
- Academicians
- Agronomists
- Arborists
- Plantation and forest managers
- Laboratory technicians
- Students

## Organised by



Malaysian Society of Plant Physiology (http://www.mspp.org.my)



Team Medical & Scientific Sdn. Bhd (http://www.tms-lab.com)

# Workshop Announcement

#### PLANT CANOPY AND ATMOSPHERE MEASUREMENTS: Collecting Data with Confidence

#### DEWAN KULIAH 1 FAKULTI PERTANIAN, UPM SERDANG, SELANGOR

23 July 2019

## **Registration Fees**

MSPP Member	FOC
Non-MSPP member	RM 50.00
Student	RM 20.00

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Registration due date: 10 July 2019

### Payment

Payment of registration fee should be banked in by/before 10 July 2019. Account No: **8002159840 (CIMB)** Persatuan Fisiologi Tumbuhan Malaysia (MSPP) Please send us the advice slip of the remittance

made for our reference. Cheque must be addressed to:

Persatuan Fisiologi Tumbuhan Malaysia and send to:

Locked Bag No. 282, UPM Post Office, 43409 UPM Serdang, Selangor

Treasurer: Dr. Martini Mohammad Yusoff e-mail: martinimy@upm.edu.my Tel: +603-89474948

## Enquiries and registration can be made to:

Persatuan Fisiologi Tumbuhan Malaysia (MSPP) by sending the scanned registration form to: Secretariat: Dr. Nor Mayati Che Husin e-mail: maya39ch@gmail.com Tel: +603-61459584

## Workshop Outline

8.30 am – 9.00 am Registration

9.00 am – 9.05 am Opening remarks

9.05 am – 10.00 am Plant canopy measurement: Photosynthetically active radiation (PAR) and leaf area index (LAI)

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10.00 am – 10.30 am Refreshments/group photography

10.30 am – 11.30 am Plant canopy measurement: Stomatal conductance and leaf wetness

11.30 am – 12.30 pm Atmosphere measurement: All-In-One Weather Station

12.30 pm – 2.00 pm Lunch

2.00 pm – 4.00 pm Technical sharing/discussion of information/products Hands on experience

4.00 pm Afternoon tea and finish



## REGISTRATION FORM

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#### PLANT CANOPY AND ATMOSPHERE MEASUREMENTS:

#### **Collecting Data with Confidence**

Name:



\*Certificate of attendance will be provided