

# MSPPC 2012

## 23<sup>rd</sup> Malaysian Society of Plant Physiology Conference **PLANT PHYSIOLOGY IN ADDRESSING GREEN ECONOMY**

18-20 December 2012  
Bayview Hotel, Langkawi, Malaysia



Organized by



**MALAYSIAN SOCIETY OF  
PLANT PHYSIOLOGY (MSPP)**  
<http://www.mspp.org.my>

## SCOPE

Increase of population and demand for food production has triggered researchers to seek better approach to improve the productivity. With harsh environment and uncertain climate condition, the needs to develop an up-to-date technology that can enhance plant productivity have become major concern. Green economy is an economic development model based on sustainable development and knowledge of ecological economics. The green economy is one that results in improved human well-being and social equity, while significantly reducing environmental risks and ecological scarcities. These technologies should have a holistic approach and can be achieved through production systems and crop management technologies that increase productivity without adverse effect on natural resources, enhancing climate change resilience and input-use efficiency, creating an environment for farmers to be able to competitively participate in markets, enabling eco-friendly reduction in field and post-harvest losses from abiotic and biotic stresses, conservation and sustainable use of plant genetic resources for development of improved crop varieties.

It would be suitable to explain that plant physiology works to advance the scientific understanding, development, and application of green economy technologies including systems analysis, environmental sustainability, clean processes, green chemistry, and green engineering. Thus, it is hoped that this conference will act as a platform to discuss the approaches to transform plant productivity through sustainable technology.

## OBJECTIVES

- ❖ To deliberate and share information on the current research findings and sustainable technology in relation to plant productivity.
- ❖ To provide future direction for an organized research in the field of plant physiology and promote inter-disciplinary and inter-agency networking.

## KEYNOTE & SESSIONS

Keynote papers:

- Climate change and plant productivity - Datuk Dr. Abd Rahim Hj. Nik
- Food security in green economy - Datuk Dr. Abd Shukor Abd Rahman

Plenary:

Sustainable herbal production - Assoc. Prof. Dr. Hawa ZE Jaafar

Sessions:

- Assimilate production, growth and development
- Eco-physiology and stress biology
- Post-harvest technology, biotechnology
- Plant production, modelling and simulation

## SCIENTIFIC PROGRAMME

The programme includes keynote address, plenary paper, oral and poster presentations. Various aspects of plant science will be covered during the conference:

- ❖ Plant growth and development, plant production, food safety
- ❖ Best practices and current techniques
- ❖ Eco-physiology and stress biology
- ❖ Developmental physiology and assimilate production
- ❖ Postharvest technology and quality control
- ❖ Pest and disease management
- ❖ Biotechnology, seed technology and high quality planting materials, modeling and simulation

## WHO SHOULD ATTEND

Researchers, academicians, students, plantation and forest managers, natural resources stakeholders, extension officers, national advisory agency officers, sociologists, economists, funding agency officers, managers involved in agro-industry, environment, science and engineering sectors and policy makers

## CALL FOR PAPERS

Papers of relevant topics within the conference theme are invited for oral/poster presentations. Authors must register and submit abstracts of soft copy by or before **15 October 2012**. Abstracts received after 15 October 2012 will not be accepted in the scientific program of the conference. Each abstract must not exceed 500 words. An extended abstract not exceeding four pages of soft copy must be submitted to the organizing committee before **15 December 2012**.

The extended abstract should be organised in the following order: title, author(s), introduction, materials and methods, results and discussion, conclusions, acknowledgements and references. Extended abstract should be **A4 sized**, typed single-spacing using standard 11 points Times New Roman in Microsoft Word 2003 (preferred) with 2.5 cm margin at top, bottom and both sides. The committee reserves the right to assign the paper for oral or poster presentation. Suitable extended abstracts will be invited for publication in the **Journal of Tropical Plant Physiology**, the official journal of the MSPP. The size for poster presentation is **50 cm x 80 cm**, containing similar contents as oral paper, with font size of at least 28.

## REGISTRATION FEES

Member	RM 650
Non-member	RM 750
International participant	USD 300
Local student	RM 400
Walk-in:	
Member	RM 800
Non-member	RM 900
Exhibitor:	
Corporate member	RM 1000
Non-corporate member	RM 2000

## FIELD EXCURSION

A field excursion to Agro Technology Park, MARDI, Langkawi will be organized on **20 December 2012**.

## REGISTRATION

Please log on to [www.mspp.org.my](http://www.mspp.org.my) for registration. You may contact the conference secretary for further information:

### The secretary of the 23<sup>rd</sup> MSPPC 2012

Dr. Phebe Ding  
Locked Bag No. 282, UPM Post Office, 43409 UPM,  
Serdang, Selangor, Malaysia.  
Tel: 603-89474829; Fax: 603-89408445  
e-mail: [phebe@agri.upm.edu.my](mailto:phebe@agri.upm.edu.my)

## ACCOMMODATION\*

At Bayview Hotel, space has been blocked by MSPP. Please call **604-9661818** for reservation. Special room rates are offered to participants at:

Superior (hill view) –	RM220/night (single) RM240/night (twin)
Superior (sea view) –	RM240/night (single) RM260/night (twin)
Deluxe (sea view) –	RM270/night (single) RM290/night (twin)

\*Payment should be made directly to the hotel upon check in. Several choices of hotels are also found within vicinity of the venue.

## ORGANIZING COMMITTEE

### Chairman

Prof. Dr. Mahmud T. Muda Mohamed

### Vice Chairman

Dr. Zamri Ishak

### Secretariat

Dr. Phebe Ding  
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Dr. Puteri Edaroyati Megat Wahab  
Mr. Wira Abu Bakar

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Assoc. Prof. Dr. Normaniza Osman  
Mr. Ahmad Nazarudin Mohd Roseli  
Assoc. Prof. Dr. Roohaida Othman  
Dr. Tsan Fui Ying  
Dr. Elizabeth Philip

### Field Excursion

Mr. Wira Abu Bakar

## PAYMENT

Payment of registration fee should be banked in to **CIMB Bank Berhad** before **18 December 2012**.

**Account No : 1215-0010126-052**

**Persatuan Fisiologi Tumbuhan Malaysia (MSPP)**

Or cheque must be addressed to **Persatuan Fisiologi Tumbuhan Malaysia** and sent to **Locked Bag No. 282, UPM Post Office, 43409, UPM, Serdang, Selangor**.