

FIRST ANNOUNCEMENT

MSPPC 2008

19th Malaysian Society of Plant
Physiology Conference

SUSTAINABLE CROP AND PLANT PRODUCTIVITY IN RELATION TO CLIMATE CHANGE

18-20 November 2008
Evergreen Laurel Hotel, Penang

Organized by

MALAYSIAN SOCIETY
OF PLANT PHYSIOLOGY
(MSPP)



<http://www.mspp.org.my>

Co-organizer

UPM

SCOPE

Global food demand projected for the next 50 years poses huge challenges for the sustainability of food production. New practices for ensuring the sustainability of agriculture will be crucial to meet the current and future demands of improving yields without compromising environmental integrity or public health. Agricultural practices will determine the level of food production and, to a great extent, the state of the global environment.

Evidence grows daily of the changing climate and its impact on plants. Plant function is linked to climate and atmospheric carbon dioxide concentration. On the smallest scales, the climate affects the plant's immediate environment and so directly influences physiological processes. At larger scales, the climate might influence the viability and growth performances of different crops in agricultural production. The greatly increased global food demand and the possible detrimental impacts of climate change on the plant productivity, highlighting the need for more sustainable agricultural methods.

The goal of sustainable agriculture is to maximize the net benefits that society receives from agricultural production. This will require increased crop yields, increased efficiency of nitrogen, phosphorus and water use, ecologically based management practices, judicious use of agrochemicals and reduction of greenhouse gas emissions. Advances in the fundamental understanding of ecophysiology, agroecology, biogeochemistry and biotechnology that are linked to plant production can contribute greatly to sustainability. With a strong congregation of amultitude of professional in the field of plant science, it is hoped that this conference will act as a platform to discuss on the strategies for sustainable plant production and combating challenges posed by climate change.



OBJECTIVES

- ❖ To review the status of R&D in the field of plant physiology relating to plant productivity and climate change
- ❖ To deliberate and share information on the current research findings on agricultural and climate change; and relate their relevance for sustainability in plant production
- ❖ To provide direction for an organized research in the field of plant physiology, and promote inter-disciplinary and inter-agency networking in this respect towards sustainable production systems and plant improvement

WHO SHOULD ATTEND

- ❖ Researchers, academicians and students with interest in the study of plant science and climate change;
- ❖ Plantation and forest managers, natural resources stakeholders;
- ❖ Sociologists and economists;
- ❖ Managers, extension officers/workers and national advisory agencies;
- ❖ Funding agencies managers involved in Agro-Industry, Environment and Science & Engineering Sectors and policy makers.

TENTATIVE SCIENTIFIC PROGRAMME

The programme also includes keynote addresses by invited speakers, oral and poster presentations. Presentation from various aspects of plant science will be the highlight of the scientific programme. **Best poster presentation will be judged and awarded.** Tentative areas of interest, which will be covered during the conference, include scientific sessions on:

- ❖ Cultural Practices and Current Techniques in Production Technology
- ❖ Effects of Climate Change
- ❖ Plant Growth and Development
- ❖ Ecophysiology and Stress Biology
- ❖ Developmental Physiology and Assimilate Production
- ❖ Postharvest Technology and Quality Control
- ❖ Pest and Disease
- ❖ Crop Production in Controlled Environment
- ❖ Biotechnology
- ❖ Modeling and Simulation

CALL FOR PAPERS

Papers of relevant topics within the theme of the Conference are invited for oral and poster presentations. Authors must send their completed registration forms with titles of the papers and a 500-words abstract before **15 August 2008**. Authors are requested to submit the full paper not exceeding 4 pages of both hard and soft copy before **15 October 2008**. Paper should include title, author(s), introduction, materials and methods, summary of findings, conclusion and references. Manuscripts should be prepared on **B5 size paper (182 mm x 257 mm)** typed single-spacing using standard 11 points Times New Roman in Microsoft Word 2000 (preferred) with 2.5 cm margin at top, bottom and both sides. All hard copy must be camera ready. The committee reserves the right for final decision for oral or poster presentation. Suitable papers 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 FEE

Members	RM 700
Non-members	RM 800
Students	RM 350
Walk-in / Late Registration	RM 800 (members) RM 900 (non-members)

VENUE

Possible conference venue is at Evergreen Laurel Hotel, Penang. Several choices of hotels are also found within vicinity of the venue. Please **make your own reservation**.

CONFERENCE TOUR

Conference Tour to Tropical Spice Garden and Tropical Fruit Farm. Accompanying person/s can join in at RM 105.

MSPPC 2008 ORGANIZING COMMITTEE

Chairman

Assoc. Prof. Dr. Hawa ZE Jaafar

Secretariat

Miss Dang Lelamurni Abd Razak
Dr. Phebe Ding

Finance

Dr. Puteri Edaroyati Megat Wahab
Dr. Zamri Ishak

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Mr. Mohd Aziz Rashid
Assoc. Prof. Dr Siti Hajar Ahmad

Scientific & Technical

Dr. Umi Kalsom Md Shah
Assoc. Prof. Dr. Uma Rani Sinniah
Dr. Janna Ong Abdullah

Venue

Mr. Ahmad Nazarudin Mohd. Roseli
Dr. Amir Hamzah Ahmad Ghazali

Post Conference Tour

Mrs. Shahida Hashim

Please return the form before **15 August 2008** to: -

Secretary of the 19th MSPPC 2008
Attn. Miss Dang Lelamurni Abd Razak
Biotechnology Research Centre, MARDI HQ
P.O. Box 12301, General Post Office
50774 Kuala Lumpur, Malaysia
Tel: 6(03)-8943 5075 / 6(03)-8943 5936
Fax: 6(03)-8945 6037
danglela@mardi.gov.my

REGISTRATION FORM

MSPPC 2008

18-20 November 2008
Penang

Title: (Tan Sri / Dato' / Prof / Dr / Mr / Ms)

Name: _____

Designation: _____

Organization: _____

Address: _____

Tel: _____

Fax: _____

Email: _____

Please tick where appropriate and complete the space accordingly:

- I am sending a crossed cheque No..... payable to *Persatuan Fisiologi Tumbuhan Malaysia* as payment for the registration
- I am interested in participating
- I am interested in presenting an oral/poster paper
- I am interested in participating Conference Tour

Title of paper/poster (please attach abstract)

