

WHO SHOULD ATTEND

- Academicians, researchers, and students
- Policymakers
- Agriculture consultants/advisors
- Small scale and commercial farmers
- Non-governmental organisations and agricultural associations
- Individuals involved in agricultural/ environmental/soil related matters

VENUE

Hatten Hotel, Melaka, Malaysia
Tel: +606 282 9696
Fax: +606 281 9696
<http://www.hattenhotel.com/>

ABOUT MELAKA

<http://www.malacca.ws/>

ADVERTISEMENT, SPONSORSHIP AND EXHIBITION

Companies and institutions are invited to sponsor, to advertise in the symposium souvenir programme and to display their products and technologies during the trade exhibition associated with the symposium. The trade exhibition will be featuring latest products, innovations and technologies related to vegetable industry. For more information, please visit our website at <http://seaveg.mardi.gov.my>.

REGISTRATION

Please register online at our website at <http://seaveg.mardi.gov.my>

REGISTRATION FEE

LOCAL PARTICIPANT	RM 1000
INTERNATIONAL PARTICIPANT	USD 350
STUDENT	RM 750

PAYMENT

Account name : Dana Persidangan MARDI
Bank account No : 8002159290
Bank name : CIMB Bank
Bank address : Serdang Perdana, Tingkat Bawah & Mezzanine, No. 33 Jalan SP2/1, Taman Serdang Perdana, 43300 Seri Kembangan, Selangor, Malaysia
Swift code : CIBBMYKL

ENQUIRIES AND CORRESPONDENCE

- **General enquiries including pre-registration and payment, please contact:**
Secretariat
Tel: +603-8953 6913/6803
Fax: +603-8953 6789
Email: seaveg2019@mardi.gov.my
- **Enquiries relating to papers, posters and programme, please contact:**
Ms. Theeba Manickam
Tel: +603-98945 7450/+6012-3397200
Email: theeba@mardi.gov.my
- **Enquiries regarding participation in advertisement and exhibition, please contact:**
Dr. Zaulia Othman
Tel: +6018-352 6337/ +603-8953 6975 / +603-89536993
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Advancing Vegetable Technology for Higher Productivity and Better Human Health

9 – 11 July 2019
Hatten Hotel,
Melaka, Malaysia



Organisers



Co-organisers



Supported by



<http://seaveg.mardi.gov.my>

BACKGROUND

The advancements in vegetable production technologies play an important role towards sustaining and securing our vegetable sources. With the theme '**Advancing Vegetable Technology for Higher Productivity and Better Human Health**', this upcoming Southeast Asia Vegetable Symposium 2019 (SEAVEG 2019) will highlight new promising technologies and approaches to produce high quality vegetables. Advanced vegetable technologies such as sensor devices, machinery, precision agriculture and smart farming are currently being adopted to enhance vegetable production. These technologies strengthened the efforts taken by the breeders and horticulture scientists to improve crop yield and quality. Modern agricultural biotechnology which involves applications of cellular and molecular techniques helps to identify macro and micronutrient availability in vegetables. These nutrients are essential for human health and contribute to a better quality of life. The symposium will consist of plenary, keynote and parallel oral presentations. Much attention will also be given to the poster sessions, where the organisers are anticipating active involvement of both poster presenters and other participants. Specific topics will be addressed *via* a panel discussion which encourages active audience participation to further understand the current scenario and future priorities of the vegetable industry.

OBJECTIVES

1. To serve as a platform for representatives from agricultural and environmental agencies, research institutions, universities, policy makers, farmers, consumers, value chain actors and producers to discuss and share their views and exchange ideas, innovations and products, information

and latest progress in vegetable technologies.

2. To provide participants with an avenue to make recommendations based on the current needs of the vegetable industry.

SCIENTIFIC PROGRAMME

Scientific paper submissions are welcomed for the following topics:

- a. Hybrid seed, tissue culture, fingerprinting and seed coating
- b. Underutilized vegetables for nutrition and bio-prospection
- c. Biofortified crops, genetically modified crops, gene-editing and mutation breeding.
- d. Nutrient fortification, precision nutrient management and smart fertilisers
- e. Precision farming, mechanization and sensors
- f. Advances in organic vegetable farming
- g. Plant factory, urban farming and indoor cultivation
- h. Biocontrol, bioremediation and biosensors
- i. Climate-smart vegetable technologies
- j. Advanced post-harvest management
- k. Innovative vegetable products
- l. Socio-economics and marketing in vegetable production, processing, packaging and consumption

SEAVEG 2019 gathers a number of plenary and keynote papers under various topics and expertise in vegetable production and nutrition as below:

Plenary Papers

Vegetables: Cycle of Nutrients, Nutrition and Nutrition Security

Dr. Prem Nath, *Vegetable Science International Network (VEGINET)*, Bengaluru, India

Assuring Nutritional Security by Improving Quality and Dietary including Vegetables in Rice-based Diets

Dr. Jacqueline Hughes, *International Rice Research Institute (IRRI)*, Philippines

Plant Factory Technology: The Future of Vegetable Production

Prof. Paul P.S. Teng, *Nanyang Technological University, Singapore*

Keynote Papers

Impact of Advanced Vegetable Production Technologies on Productivity and Nutritional Value

Prof. Michael Boehme, *Humboldt-University of Berlin, Germany*

Sustainable Production and Consumption of Vegetables in the Nutrition Security Chain for Health and Wellness of Diverse Population

Dr. V. Prakash, *International Society of Nutraceuticals and Nutritionals and Naturals (ISNNaN)*, Mysore, India

Advanced Breeding Tools in Vegetable Crops

Prof. Joao Carlos da Silva Dias, *University of Lisbon, Portugal*

Integrated Management of viral diseases to Improve Productivity and Quality of Vegetable Crops

Dr. Anupam Varma, *Indian Agricultural Research Institute (IARI)*, New Delhi, India

Advances in Biological Control of Insect Pests in Crucifers

Dr. Sivapragasam Annamalai, *Centre for Agriculture and Biosciences International (CABI) Southeast Asia, Selangor, Malaysia*

Improving the Competitiveness of Vegetable Markets for Enhancing Nutritional Security

Prof. P.G. Chengappa, *University of Agricultural Sciences, Bangalore, India*

Advance Technologies in Organic Vegetable Production for Safe and Healthy Food Consumption

Prof. Stefaan De Neve, *Ghent University, Belgium*

Microgreens and Sprouts for Household Nutrition Security

Dr. O.P. Dutta, *Namdhari Seeds Pvt Ltd, Bangalore, India*

A Systemic Novel Approach for Biodegradable Coatings

Dr. Asgar Ali, *The University of Nottingham, Malaysia*

CALL FOR PAPERS

In conjunction with SEAVEG 2019 theme, papers of relevant topics are invited for oral and poster presentations. Abstracts of 200 to 250 words will need to include names of authors, their institutions, country and contact email addresses. All abstracts will be reviewed by the Scientific Committee and authors will be notified if they have been assigned to an oral or poster presentation session. Authors are requested to submit a full paper which consist an ABSTRACT, INTRODUCTION, MATERIALS and METHODS, RESULTS and DISCUSSION and REFERENCES in English, and to include figures, tables and photos in black and white (minimum of 8 pages and maximum of 10 pages) in Microsoft Word for Windows. The format for abstract and full papers can be obtained from the SEAVEG 2019 website. The deadline for abstract submission is on **31 March 2019** and full paper submission is on **31 May 2019**. Papers will be reviewed, edited and printed to be distributed as SEAVEG 2019 Symposium Proceeding to all participants. Posters should be in portrait size of 18 inch x 28 inch and following the format given in the website.