

**SOILS 2009
REGISTRATION FORM**

Full Name: (Prof / Assoc Prof / Dr /Mr / Ms):

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Occupation:

Organization:.....

Full Address:

.....

.....

Telephone:

Fax:

Member of MSSS? (Yes / No):

E-mail :

Please indicate you choice(s):

- I wish to attend the conference
- I wish to present an oral paper
- I wish to present a poster paper
- I wish to exhibit products / instruments
- I wish to attend the post-conference tour
- I enclose a cheque / money order / postal order / bank draft (No:) of RM.....made payable to **SOILS 2009** (CIMB Acc No. 1215 0011198 058)

Title of my oral/poster paper (please attach extended abstract):

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Signature:

Date:.....

ENQUIRIES AND CORRESPONDENCE

To facilitate prompt replies, please address your enquires to the appropriate person:

Registration:

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CONFERENCE VENUE

Primula Beach Resort Kuala Terengganu
Jalan Persinggahan, 20400 Kuala Terengganu
Terengganu Darul Iman,
Phone: 09-622 2100 Fax: 09-623 3360
E-mail : primul@tm.net.my
Website: www.primulaparkroyal.com
Room Rate: Superior RM180.00
Deluxe RM 207.00

Nearby Hotel (Pantai Batu Buruk Area)

Permai Inn Kuala Terengganu (09-622 2122)
Hotel Grand Continental (09-625 1888)
Batu Buruk Beach Resort (09-622 1410)
Hotel Sri Malaysia (09-623 6454)

FINAL ANNOUNCEMENT



**Soil Health:
Preserving Resources for
Sustainable Agriculture**

13-15 April, 2009

**Primula Beach Resort Kuala Terengganu,
Terengganu Darul Iman**

Organized by:



INTRODUCTION

Soil health describes the capacity of a soil to be used effectively without adversely affecting its future productivity, the ecosystem or the environment. It emphasizes on the integration of physical, chemical and biological soil properties for the purpose of sustainable agricultural management. All three components are balance in a healthy soil. In order to make interpretations of the health of a soil, the various processes and function need to be assessed through meaningful indicators. Soil health has recently captured the attention of many researchers as soil degradation from intensive cultivation, mechanization, limited crop rotations, and lack of organic matter additions have reduced yield potential. This has often led to increased soil compaction, erosion, greater pest problems, and reduced crop productivity. To date, our knowledge on soil health concept that deals with the integration and optimization of the physical, chemical and biological properties of soil for improved productivity is scarce.

LEAD PAPERS

Keynote Paper: The role of soil microbes in soil health for sustainable agriculture production (Dr. Suhaimi Madsuki, MARDI)

Fellow MSSS Paper 1: Soil Health and Carbon Sequestration: The Beginning of Carbon Footprint in Products (Dr. Chan Kok Weng, MPOB)

Fellow MSSS Paper 2: After three generations of oil palm planting: is there a need for sulphur and micronutrient fertilizers? (Prof. Dr. Zin Zawawi Zakaria, UNIMAS)

SESSION 1: Soil Biology and Plant Health

- Insect diversity: Their impact on enhancing plant health and crop production (Dr. Norowi, MARDI)
- Screening of lignocellulose degradation by microbial isolates from rice straw compost under laboratory study (Kang Seong Hang, UPM)
- Earthworm population dynamics under the oil palm ecosystem on alluvial and sedentary soils of United Plantations Berhad (Vijiandran JR, United Plantation)

SESSION 2: Soil Fertility

- Performance of Nitro Humic Acid (NHA) based paddy grain booster (Syahren, MARDI)
- Effects of composts with different organic matter on soil phosphorus and potassium (Faridah M., MARDI)
- Root characteristics and nutrient concentrations in rice (*Oryza sativa* L.) grown under different salinity conditions (Momahamad Reza Momayezi, UPM)

SESSION 3: Soil Chemistry

- Alleviation of aluminum in acidic soils and its effect on growth of hybrid and clonal oil palm (*Elaeis guineensis*, Jacq) seedling (Jose Álvaro Cristancho Rodríguez, UPM)
- Comparative Tolerance of Corn and Groundnut Grown on Ultisols to Soil acidity (Prof Shamshudin, UPM)
- Spatial Variability Of Selected Chemical Characteristics Of Paddy Soils In Selangor And Kedah (Siti Aisyah Wahid, UPM)
- Adsorption of formulated Chlorpyrifos on selected agricultural soils of Terengganu (Tay Joo Hoi, UMT)

SESSION 4 : Soil Microbiology

- Effect of Root Exudates Carbon Compounds on Biological Nitrogen Fixation in Rice (Umme Aminun Naher, UPM)
- Isolation, characterization and identification of endophytic bacteria in safed musli (*chlorophytum borivilianum*) roots (Hayati Abdulah, UPM)
- Solubilization of inorganic phosphates by Phosphate-Solubilizing bacteria isolated from Aerobic rice (Qurban Ali, UPM)

SESSION 5: Soil Waste Management and Environment

- Cadmium and zinc concentrations in the oil palm soil system (Aini Azura, UPM)
- Potential of peat as a natural adsorbent in the removal of Cu, Fe, Mn and Mg from hydroponic waste (Liza Nuriati, L.K.C. MARDI)
- Carbon sequestration in coastal soils under different land use (Dr. Normah Awang Besar, UMS)

SESSION 6 : Soil Physic

- Physical changes to oil palm empty fruit bunches (EFB) and EFB mat (Ecomat) during their decomposition in the field (Christopher, UPM)
- Soil moisture pattern in tropical lowland forest (Marryanna Lion, FRIM)

SESSION 7 : Fertiliser Management

- Effects of mixing urea with acid sulphate soil and humic acid on ammonia loss, exchangeable ammonium and available nitrate (Mohd Taufik, UPM Bintulu)
- Rice farming and fertilizer management practices: the complexities (Dr. Shuhaimi Othman, MARDI)

SESSION 8: Pedometric

- Statistical index as a rapid method to landslide risk zonation in the catchment scale. Case study: Jahan Watershed in the Northeast of Iran (Memarian, UPM)
- Applicability of Hydrus _2D Model for flow from point sources drip irrigation (Ekhmaj, A. I. , UPM)
- Spatial variability of soil organic carbon in oil palm (Law, UPM)

POST CONFERENCE TOUR

- Soil Correlation - BRIS Soil (Rusila, Rudua, Ru Tapai and Jambu Series) - Setiu District
- Visit to Pitaya Plantation at Ru Tapai, Terengganu.

Costing and Budget

- Expenditure will be based on the capital of transportation, human resource and refreshment.
- Total expenditure will be providing the rough figure on post conference tour fee for each participant

Person in Charge:

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