



MALAYSIAN SOCIETY OF SOIL SCIENCE (MSSS)

NEWSLETTER

April 2017 Issue 1

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Message from the President's Desk

Recent message from IUSS President reminds us on the strong link between soil health and global peace. This may sound strange to ordinary people but yes, if soils are degraded, crop productivity will decline then the world will be in crisis if food supplies are in shortage. **Our roles as soil scientists is imminent and prominent, to treat unhealthy soils and to ameliorate degraded soils thus increasing land productivity and safeguarding food security.** Global threats on soils are increasing with booming population and urbanization. In our country, among major soil threats are soil erosion by water (including coastal erosion), decline in soil organic matter in both peat and mineral soils due to land use change, soil compaction, soil sealing due to urbanization and population pressure, soil contamination (coastal deposits and mining), acidification (acid sulphate soil formation), flooding and landslides, and decline in soil biodiversity due to the loss of top soil. The challenges for soil scientists are far reaching and I foresee the contribution and active participation of MSSS members to deliver messages to the local communities and the public on the sustainable management of soil resources.



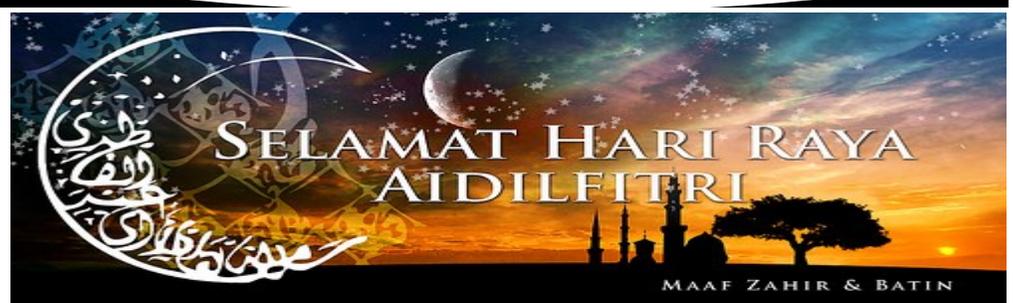
Dr. Wan Rasidah Kadir
President MSSS 2017/2018

Soil – The Living Skin of Planet Earth

The soil forms the outer skin of the land masses of Planet Earth. This thin veneer of living material is sometimes only a few centimetres thick and rarely thicker than two or three metres, but it has critical influence on what happens on the surface of the Earth. Soil is our life-support system. It provides anchorage for roots; holds water long enough for plants to make use of it; and holds nutrients, making them accessible to support life. It's home to myriad micro-organisms, that accomplish suites of biochemical transformations from fixing atmospheric nitrogen to the decomposition of organic matter, and to armies of microscopic animals - as well as earthworms, ants and termites that graze upon roots, other organisms and organic matter. Most biodiversity is in the soil, not above ground. **Source : Soil Flyer ; International Union of Soil Sciences (IUSS) http://iuss.boku.ac.at/files/soil_flyer_2008_-_english.pdf**



The MSSS Committee wishes all members



CHAT WITH OUR SOIL EXPERT

Name: Zin Zawawi Hj. Zakaria

Current Position: Principal Consultant, Tri-Z AgroConsult (Tri-ZAC).

Education: Dip. Agric. (Kolej Pertanian Malaya), B. Sc. Agric. (Hons), M.Sc. Agric., Ph. D (Soils Chemistry and Fertility) (University of Florida, Gainesville, USA).

Awards: Gamma Sigma Delta (1974), Kesatria Mangku Negara (1992), MPOB Best Scientific Paper (2000), MPOB Gold Medal Award (Innovation on Fertilizer Formulation) (2006), and Fellow MSSS 2009 (FMSoil).

Significant Publications: Have published over a hundred technical papers in journals, proceedings, monographs, and books on subject mainly related to soils, crop nutrition of oil palm, and fertilizer technology. Have also jointly formulated new fertilizer formulations such as MPOB F1, MPOB F2, and MPOB F6.

What interest you to study soil science? I must admit that the subject did not interest me during my Diploma. However, as I enrolled for more soils courses, I became more interested in the subject especially those related to soil chemistry, fertility, and fertilizer technology, since they are all closely related to my research on micronutrients requirements in the rubber industry.

Who would be the best soil science mentor in your experience? Professor Dr. Nathan Gammon, Jr. at the University of Florida, Gainesville had a tremendous influence on my career.

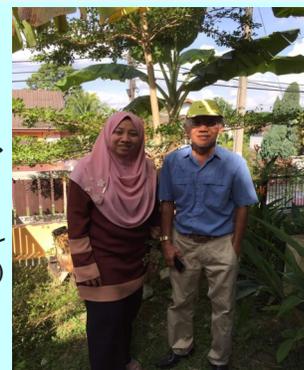
What do you find most exciting about soil science? Professionally, I am a practicing soil scientist and oil palm agronomist. We conduct fertilizer trials in oil palm plantations and try to understand the response of nutrients in oil palm productivity under various soils and climatic conditions in Malaysia. With the knowledge and experiences, we can now formulate effective fertilizer program or new fertilizers for oil palm to achieve high FFB yields.

How would you stimulate the younger generation to study soil science? If you can relate the subject to the important roles of soils to our daily needs and activities such as in food production, environment, and other industries, then understanding the subject will become more interesting and challenging. Due to the dwindling number of experienced soils specialists in our country, there is a lot of opportunities and good future.

What is the future of soil science? Considering that Malaysia is a world leader in palm oil production, we need more soil experts to assist the industry in sustaining growth and productivity to stay competitive in the future. Our land resources are limited, thus the only way forward is to increase the productivity of our soils and oil palm through R and D.

What is your contribution to MSSS? Life member of MSSS (since 1979), Vice President MSSS (2004-2007), Member, Editorial Board MJSS (1998-2016). I was actively involved in MSSS activities such as organizing Soils Conferences, presentation of technical papers, and participated in soil correlation tours.

Key to success as a soil scientist: You need to be passionate with the subject. Firstly, you need to build up your understanding and knowledge on all related aspects of the subject, and then later decide your own niche as a specialist. Always keep abreast with current developments in soil science and stay connected with your peer groups



SOIL 2017 REPORT

International Conference on Sustainable Soil Management (SOILS 2017) with the theme 'Quality Soil Drives Productivity' was successfully held from 4 - 7 April 2017 at Parkcity Everly Hotel, Bintulu, Sarawak and was jointly organized by Universiti Putra Malaysia Bintulu Sarawak Campus (UPMKB) and Malaysian Society of Soil Science (MSSS) with the support from Sarawak Convention Bureau (SCB) and Department of Agriculture Sarawak (DOA). This event gathered a total of **161 participants from 12 countries** such as Turkey, Egypt, India, Ghana, South Korea, and many more. The opening ceremony was officiated by Prof. Dato' Dr. Husaini B. Omar, Deputy Vice Chancellor (Research and Innovation), Universiti Putra Malaysia. The welcoming remarks were given by Dr. Wan Rasidah Wan Abdul Kadir, President of MSSS and Dr. Wan Asrina Wan Yahaya, Chairman of SOILS 2017, UPMKB. This year the conference showcased **85 papers** covering topics on management of peat and other wetland soils, biofertilizer and biochar utilization for land improvement, management of plantation soils, soil physics and conservation, soil fertility and conservation, soil genesis and classification and soil health and microbes. The keynote was delivered by Prof. Dr. Ahmet Ruhi Mermut (Turkey) on Soil, the Media for Sustaining Life on Our Plant Earth. The plenary papers were delivered by Dr. Joung Du Shin (South Korea), Prof. Dr. Imran Haider (China) and Assoc. Prof. Dr. Siva Kumar Balasundram (Malaysia). Best 5 posters and 1 oral presentation were also awarded. The post conference tour was held at Kabuloh Agriculture Station, Miri with the support of DOA Sarawak. The conference was a great success and our sincere gratitude goes to all sponsors, committee members, organizers and contributors for their supports. *Text and Image by Izzah Abd Hamid and Dr. Wan Asrina Wan Yahaya*



Biochar Application With Community at Kg Seri Cheeding, Banting

Biochar technology has been highlighted across the globe because of the immense potential in green initiatives. The biochar is produced from agriculture waste which undergoes pyrolysis process as an alternative way to recycle waste into value-added product and simultaneously mitigate climate change and improve soil fertility. A group of researchers and students from Science Environmental Management Club, led by Dr. Rosazlin Abdullah from Institute of Biological Sciences (ISB), Faculty of Science, University of Malaya, had introduced this technology to the community at Kg. Sri Cheeding Banting, Selangor. The application of biochar was conducted with community using different types of biochar on green stem mustard garden at Jalan Nuri, Kg. Seri Cheeding. The biochar used is



Harvesting Greens treated with Biochar

palm kernel, rice husk, pineapple leaves, oil palm leaves, and goat manure. The pineapple, oil palm leaves and goat manure biochar was produced by the community meanwhile the palm kernel and rice husk biochar produced from industry. The application of biochar and maintenance of the stem mustard garden was conducted with the community until harvesting day on 19 February 2017. From the data collected,

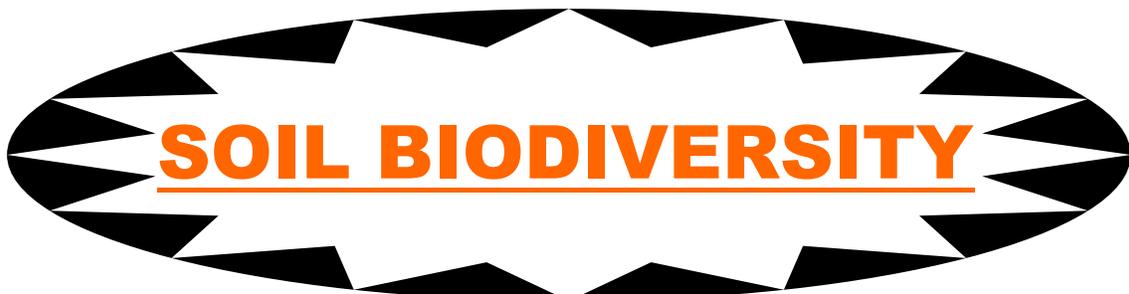


Biochar promotional booth by UM



Presentation of Biochar Protocol

it showed that yield of mustard planted with goat manure, pineapple and rice husk biochar is higher compared to fertilizer only. This project was completed with the handover of biochar standard operating procedure (SOP) ceremony to En. Hassan Musman, the Head of Kg. Seri Cheeding on 4th March 2017. Overall, this program was successfully implemented and has been well received by the community. Text and image by *Nur Sa'adah Abdul Halim, University Malaya*



International Collaborative Research Program between UPM-TUAT-KU

From January 6, 2017 until March 6, 2017, we were invited to participate with TUAT-AIMS programs at International Environmental and Agriculture Science, the Tokyo University of Agriculture and Technology (TUAT), Tokyo (Japan) and Laboratory of Ecological Engineering, Kindai



University (KU), Nara (Japan) as international collaborative research. In this program we were supervised by Dr. Tasuku Kato (Associate Professor in TUAT) and Dr. Susumu (Shin) ABE (Associate Professor in Kindai University). The objective of this research attachment were to learn and develop new scientific skills in laboratory and research advancement under Japanese higher education system. Besides that, other aim was to actively partici-

pate in fieldwork (hands-on training) and student seminars in the university. Plus, collaborative research publication under the co-guidance of UPM-TUAT-KU lecturers based on research data from master thesis research project. During this attachment, we learned the importance of the technology advancement that are beneficial to the scientific research, at local and international level. Hands-on instrument application and lab management were learned proactively. All laboratory users had to strictly adhere to the Japanese standard laboratory guidelines. Although the



laboratory were comparatively small in space size, the lab is actively used by more than 20 students from various field of study at any given time. Furthermore, the undergraduate and postgraduate students are well monitored by their supervisor, (i.e. during field sampling, sample preparation and laboratory analyses). With such supervision scenario, the students can apply the fundamental techniques in a correct way, especially during handling their samples and conducting analyses. We also actively participated with the undergraduate and postgraduate student projects in the field and laboratory. Besides that, we also attended classes where the class was conducted by Visiting Lecturer from University Putra Malaysia (UPM), Dr. Roslan Ismail who worked at TUAT for six (6) months. As a post graduate student, we had several opportunity to present our research study data for exchange of ideas and collaborative research paper under the guidance of experts from Japan universities, Dr. Susumu (Shin) ABE and Dr. Tasuku Kato. In addition to that, comments were given based on the research manuscript that helped us to improve the content of the manuscript and scientific writing skills. As a conclusion, the international collaborative research program between UPM-TUAT-KU gave us great exposure, experience and network with Japanese scientists. *Text and Image by Mardahati Hazirah Hassan and Annur Razib*

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THEME

MODELLING APPROACHES FOR ECOSYSTEM SERVICES MANAGEMENT AND PLANNING

23-26 Hotel Bangi-putrajaya,
OCTOBER Bandar Baru Bangi,
2017 Selangor, Malaysia
 HOTEL BANGI-PUTRAJAYA



The Soil and Water Assessment Tool (SWAT) is a public domain model jointly developed by USDA Agricultural Research Service (USDA-ARS) and Texas AgriLife Research, part of The Texas A&M University System. SWAT is a river basin-scale model to simulate the quality and quantity of surface and ground water and predict the environmental impact of land management practices on different soil patterns and land use patterns. SWAT is widely used in assessing soil erosion prevention and control, non-point source pollution control and regional management in watersheds.



TOPICS/SCOPE

- Watershed Management Modelling
- Climate Change Applications
- Modelling Calibration Sensitivity and Uncertainty
- Crop Modelling
- Environmental Management
- Contamination and Pollution
- Nutrients and Carbon Dynamic
- GIS Application and Database and Development
- Urban Processes and Management
- Forestry Modelling



CALL FOR PAPERS

- Authors are requested to submit an extended abstract not exceeding four (4) pages in English.
- The extended abstract must include the title, author(s) introduction, material and methods, results and discussion, conclusion and references.
- Manuscript should be prepared on an A4-sized paper with 25 mm margins on all sides, and typed with single spacing using size 12 Times New Roman font.
- All illustrations must be prepared inside of the main text.
- Selected papers will be published in the special issue of the **Malaysian Journal of Soil Science (MJSS)**.
- Poster must be prepared on size A1 paper.
- Poster submitted will be eligible for "Best Poster Awards"



IMPORTANT DATES

- 1st July 2017:** Abstract Submission
- 21st July 2017:** Early Bird Registration
- 25th July 2017:** Last Date for Early Bird Registration
- 23rd Oct 2017:** Registration Pre Conference Workshop
- 23rd – 26th Oct 2017:** 5th SWAT Conference for South East and East Asia (SWAT SEEAV)
- 26th Oct 2017:** Conference Tours

*Conference tour to Forest Research Institute Malaysia and KLCC. All participants are invited to register on first-come first serve basis.



REGISTRATION FEE

Category	Conference	Workshop
Non -Members	RM1200 (USD 300)	RM400 (USD100)
MSSS Members	RM1000	RM300
Local students*	RM800	RM250
International students *	USD200	USD75

*Please attach a verification letter from the supervisor together with the registration form for student rate. After the deadline (1st July, 2017) the registration fee will be RM200 (USD50) higher per person.

For further information about the 5th SWAT SEEA, please visit:



<http://swat.tamu.edu/conferences/2017-malaysia/>



Dr. Khairi Khalid: +60133765917
 Dr. Siti Humaira Haron: +60179096489
 Fax: +6094602208



swatseea2017@gmail.com



SWAT Network (Malaysia)

SWAT WORKSHOP 2017



23 October 2017
8.00 pm - 10.00pm



Module:
Beginner - Intermediate



HOTEL BANGI-PUTRAJAYA

5th SWAT SEEA

THE 5TH SOIL & WATER ASSESSMENT TOOL
CONFERENCE & WORKSHOP IN SOUTH EAST &
EAST ASIA (SWAT SEEA V)

INVITED SWAT EXPERTS

P. Gassman



h-index: 35
Citation: 6800

R. Srinivasan



Texas A&M University



<http://swat.tamu.edu/conferences/2017-malaysia/>



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Fax: +6094602208



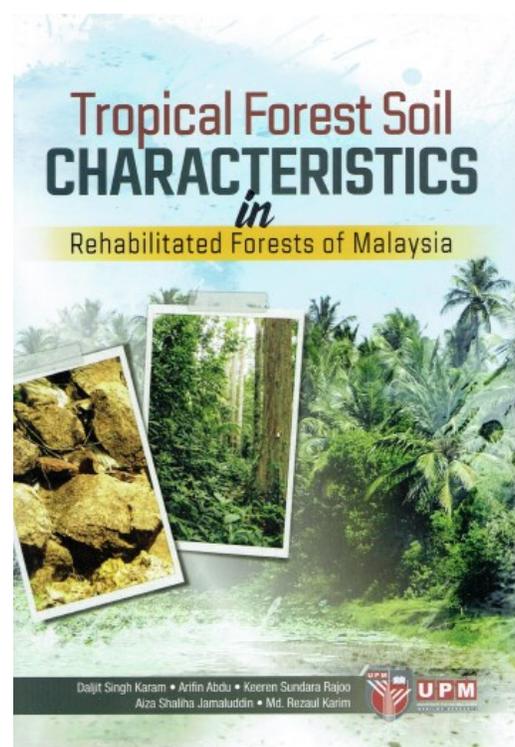
swatseea2017@gmail.com



SWAT Network (Malaysia)

BOOK REVIEW

“Tropical Forest Soil Characteristics in Rehabilitated Forest of Malaysia” was written by Daljit Singh Karam et al., (2017) and published by Universiti Putra Malaysia. In general, this book focuses on the growth, yield, tree physiology and forest economics. The book covers the importance of soil properties in determining the growth of trees especially in rehabilitation aspects in 10 different chapters. Chapters 1 and 2 provides an introduction and overview of forest rehabilitation. Chapters 3 to 6 covers the soil properties on different views (physical, chemical, clay mineralogical and biological properties of soil). These chapters provides information of the formation of rock and minerals before going deeper into quantitative part of soil properties. Chapter 7 explain the soil quality index of selected forest reserve of Chiku, Tapah Hill and Kinta Forest in Perak, Malaysia. Chapter 8 and 9 focuses on soil properties under different land use. Some soil properties evaluation was also carried out in different land use area in Bintulu, Sarawak. The last chapter focuses research on valuable tropical forest trees to remediate contaminated forest soil through phytoremediation. This book is ideal for any students, researcher or member of the public that want to know more about the nature of forest soils.



Daljit Singh Karam • Arifin Abdu • Keeren Sundara Rajoo
Alza Shalina Jamaluddin • Md. Rezaul Karim



Introduction

The Faculty of Agriculture, Universiti Putra Malaysia in association with Malaysia Society of Soil Science (MSSS), Department of Agriculture of Malaysia and Malaysian Agricultural Research and Development Institute (MARDI), will be organizing the 10th International Symposium on Plant-Soil Interactions at Low pH (10th PSILPH2018) on June 25-29, 2018.

The main objective of the 10th PSILPH2018 is to address issues related to sustainable food production on soils with low pH, with the intention of achieving environmental sustainability. In tropical regions of the globe, soils with low pH are very common due to the prevailing weather conditions of high temperature and high rainfall all the year round. Low pH soils can cause injuries to the plant root systems, inhibiting overall plant growth. Agriculture and agronomic practices are continuously being developed and/or improved to overcome the problems, facing growers without necessarily neglecting the environment.

In line with the symposium theme "Achieving Sustainable Food Production on Acid Soils, the 10th PSILPH2018 aims to gather researchers, scientists, experts and academicians in the field of soil science, plant physiology and others to share and discuss the latest research findings and thoughts on current status of agriculture production and practices; thus, ensuring food security and environmental sustainability.

Registration Fees	Early Registration	Normal Registration
International participant	USD 500	USD 600
Developing/low income countries*	USD 400	USD 450
Local participants	RM1 000	RM1 200
Local students/ASEAN countries students	RM 700	RM 800
International students	USD 300	USD 350

*Please refer to Organization for Economic Cooperation and Development (OECD)

Registration fees cover the cost of symposium materials, dinner and tour.

Cancellation is not allowed, but replacement will be accepted.

Payment methods

TO BE ANNOUNCED LATER

Call for papers!!!



Achieving Sustainable Food Production on Acid Soils

10th PSILPH2018

10th International Symposium on Plant-Soil Interactions at Low pH

June 25-29, 2018
Palm Garden Hotel Ioi Resort, Putrajaya, Malaysia

www.psilph2018.com

Jointly organized by



With the support of



Symposium Topics

- Physical, chemical and microbiological properties of low pH soils.
- Physiological, molecular mechanisms and plant adaptation to acid soil conditions.
- Soil-microbe-plant interactions at low pH.
- Amelioration and remediation of low pH soils.
- Sustainable management of plantation and other crops on acid soils.
- Forestry and agroforestry management on low pH soils.
- Effects of soil acidity on food quality and human nutrition.

Papers not covered directly by the listed themes will also be considered. Poster session will be organized during the symposium.

Symposium Format

The symposium consists of oral presentation sessions spread over three days, and a one day mid-symposium tour. Invited speakers will also be presenting plenary lectures. Post symposium tour will be organized by the 10th PSILPH2018 committee.

Official Language

Official language of the symposium is English.

Contact Us

Secretariat
10th PSILPH2018
Department of Land Management
Faculty of Agriculture, Universiti Putra Malaysia
43400 Serdang Selangor, MALAYSIA

lowrbh2018@gmail.com

Extended Abstract (Two pages)

A two-page extended abstract should include title, name, affiliation and address of all authors, email address or the corresponding author, introduction, methodology, results, discussion, conclusion and list of references.

- ⇒ Type using single-space in Times New Roman, font size 12.
- ⇒ Name of the presenter should be underlined, and the name of the corresponding author has to be started with an asterisk (*).
- ⇒ Figures and tables may be included at appropriate location in the main text.

Program Schedule

24th June 2018 (Sunday)

Registration, Welcoming reception

25th June 2018 (Monday)

Opening ceremony, Plenary lecture, Symposium topic sessions, Conference dinner

26th June 2018 (Tuesday)

Symposium topic sessions

27th June 2018 (Wednesday)

Mid-symposium tour (Melaka historical sites), Soil profile observation

28th June 2018 (Thursday)

Symposium topic sessions, Closing ceremony

29th June 2018 (Friday)

Post-symposium tour (Langkawi Geopark, Kedah) - with an additional fee

Registration Form

Full Name: (Prof./Dr./Mr./Mrs)

.....

Passport No.:

Occupation:

Organization:

Mailing Address:

.....

.....

Contact No. :, (H/P)

:, (Off)

E-mail:

I wish to (please tick ✓);

() present an oral paper (s)

() present a poster (s)

() be a participant

Title of paper/poster,

.....

.....

.....

Mid-Symposium Tour: Yes () No ()

Email the registration form and payment slip to:

lowrbh2018@gmail.com

MSSS Publications for Sale!

BOOKS (RM 10/each)

1. Bibliography of Malaysian Soils
2. Recent Developments in Land Evaluation
3. Sustainable Land Management
4. Secondary & Micronutrients in Malaysian Agriculture
5. Developments in Soil Research In Malaysia
6. Soil Management for Food and Fruit Crop Production

PROCEEDINGS (RM 10/each)

1. Soil Science Conference of Malaysia year ('91, '93', '94, '95, '97, '98, '99)
2. Soil Science Conference of Malaysia year ('02, '03', '04, '06)
3. International Conference on Fertilizer Usage in the Tropics 1992
4. Workshop on Soil Science in Malaysia-Towards the year 2020
5. Proceedings of the International Conference on Fertilizer Usage in the Tropics (FERTROP) 1992

JOURNALS (RM 10/each)

1. Malaysian Journal of Soil Science (Volume 1–12)
2. Malaysian Journal of Soil Science (Volume 15–16, 18)

Announcements!

- [Degradation and Revitalisation of Soil and Landscape](#), September 2017
- [Regional Seminar on Reclamation, Rehabilitation and Restoration of Disturbed Sites](#), 15-17 Aug 2017(Travel grants available)
- [IUFRO-125th Anniversary Congress 2017](#), Freiburg, Germany

THE IUSS BULLETIN APRIL 2017

Find the latest IUSS information [here](#)



GLOBAL SOIL
PARTNERSHIP

GUIDELINES FOR SUSTAINABLE SOIL MANAGEMENT

[HERE](#)



1. Mr. Marzukifli Mohamed - 0998
2. Wang Yu - 0999
3. Dr. Mohd Yusoff Abd Samad - 1000
4. Dr. Jeniffer Carson - 1001
2. Mr. Joshua Jeyenthiren Anantham -1002
3. Mrs. Patahayah Mansor - 1003
4. Mr. Kamlesh Kesavan -1004
5. Ms. Nur Hafiza Abd. Halim - 1005
6. Dr. Noorasmah Saupi -1006
7. Dr. Zakry Fitri Ab. Aziz - 1007
8. Mr. Simon Chua - 1008
9. Mr. Anantha Krishnan Nambiar - 1009
10. Dr. Enio Kang Mohd Sufian Kang - 1010
11. Mr. Muhammad Firdaus Sulaiman - 1011
12. Dr. Md Kamal Uddin - 1012

Membership is open to all professionals and graduate students, within and outside Malaysia. Please visit our website <http://msss.com.my/apply.htm>

FEES : RM50.00 per year for ordinary membership, or RM400.00 for life membership

SOIL CONNECTS ISSUE NO 5

The latest issue of IUSS Division 4 Newsletter Soil Connects is available. Starting with a report from Division Chair Christian Feller, it contains interesting articles, e.g. on the proposal of a new IUSS Working Group 'Cultural Patterns of Soil Understanding', the Austrian Soil Film Days focusing on the role of soil in the Alps, the nutrient cycling function as well as soil consumption, how to engender connectivity to soil through aesthetics followed by book reviews and conference reports.

New publications!

- Statistical Analysis System for Agricultural Research, OH Ahmed & Huck YC
- [Mires & Peatlands of Europe](#)
- [Special issue on digital soil mapping across the world](#)
- Soil Magnetism, Jordanova N
- Soil & Environmental Chemistry, Bleam, W.F.

CONTRIBUTE TO OUR NEWSLETTER!

We are a big group of almost 300+ soil enthusiasts and we like to hear from you! We are looking for article contributions on soil related issues, mainly

GENERAL ARTICLES: If you have a story/report about an activity related to soil, such as soil training/workshop/conference/meetings; please send it along. A one – two page article with color pictures are encouraged.

YOUNG SCIENTIST: If you are currently a young soil scientist (below 40 years of age) working on a research project related to soil dynamics, you may send in your research article about 500 to 600 words which states on the intro, justification, brief methods, results and conclusion. Please include a digital photo as well.

SENIOR SCIENTIST: If you are currently a senior soil scientist (above 40 years of age) working on a research project related to soil dynamics, you may send in your research article about 500 to 600 words which states on the intro, justification, brief methods, results and conclusion. Please include a digital photo as well.

THE EASTERN CONNECTION: Dedicated for any soil research endeavors and information from Sabah and Sarawak.

ANNOUNCEMENTS: Of trainings or educational opportunities, forthcoming meetings, conferences or other international announcement regarding soil, agriculture, forestry, etc.

BOOK/PAPER REVIEW: If you have come across a recently published article you think may be of interest to other MSSS members, please alert the Newsletter Editor and we will highlight it for our readers. We give priority to publications by MSSS members but anything on soil research is welcomed.

ADVERTISEMENTS: Submit your advertisement for RM 40 for half page and RM 80 for full page in our newsletter. Gain more visibility with your services and products!

Submission information: For text send a word document with Arial font (11) to jeyanny@frim.gov.my or rosazlin@um.edu.my and for photos .jpg is preferred. All submission will be scrutinized by the Editorial Board for suitability before publishing. Once approval, the Editorial Board will inform you with further details.

MJSS - CALL FOR PAPERS

The Malaysian Journal of Soil Science (MJSS) is a scientific journal published by the Malaysian Society of Soil Science. It contains research papers in English on matters related to soil and soil-plant interactions. The journal welcomes original research works not previously or simultaneously published in any other scientific or technical journal from MSSS members as well as other scientists in Malaysia and abroad. The aim of the journal is to promote the development of soil science in Malaysia, other tropical and subtropical regions. MJSS is a peer-reviewed, fully open access journal, is now indexed by Scopus and published annually. Instruction for authors and other details are available on our website <http://www.msss.com.my/journals/instruct.php>

**Contact us**

Malaysian Society of Soil Science
Locked bag 254,
43409 UPM Serdang,
Selangor Darul Ehsan
Website: <http://www.msss.com.my/>
E mail: soilsciencemalaysia@gmail.com

The IUSS song

*It is our life! We call it soil
It is the stuff, in which we toil
From soil we've sprung, to soil we'll go
Protect the soil of this earth so we can grow*

IUSS has declared 2015 to 2024 as the International Decade of Soils