



MALAYSIAN SOCIETY OF SOIL SCIENCE (MSSS)

NEWSLETTER

December 2018 Issue 3

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MSSS Newsletter

Dr. Rosazlin Abdullah

Public Talk on World Soil Day 2018

Malaysians need to address the importance of soil conservation as part and means to increase agricultural produce while maintaining a sustainable environment. This was emphasized by former soil scientist from MARDI and fellow of the Malaysian Society of Soil Science, Dr Ghulam Mohammed Hashim during his public talk in MARDI, Serdang.

Dr Ghulam said that while food production needs to be doubled to overcome the rapid population increase by 9.1 billion in the year 2050, the available land area for agriculture is, however, limited and shrinking due to many factors such as urban expansion, naturalist and biodiversity conservations concerns, and rising sea levels effecting the coastal areas due to climate change.

During his lecture entitled "Increasing production through resource conservation", Dr Ghulam highlighted the importance of soil as one of the main factors to address this issue. Strategies that needs to be adopted include improving efficiency of resourced used, making full use of latest technology and innovations, reducing wastages and food losses, shifting to less meat-intensive diets, and reducing conversions of food crops into biofuels. His concluding remarks suggested that degraded soils should be rehabilitated by emphasizing the use of vegetation, while preventing further degradation. He also added that to increase crop production per unit area, natural resources is vital in achieving this objective by incorporating and utilizing research knowledge, technology and innovations. His speech was part of the many activities conducted during the international World Soil Day 2018 event by FAO conducted simultaneously by many other countries on 5th December. The 2018 theme "Be the Solution to Soil Pollution" main goal was to raise global awareness platform of the importance of healthy soil and advocating for the sustainable management of soil resources. Also present during this lecture was the President of the Malaysian Society of Soil Science (MSSS), Prof. Dr. Che Fauziah Ishak, MSSS Management Committee, and distinguished MSSS Fellow members throughout the country.



Dr Ghulam Mohammed Hashim



By: Muhammad Zamir bin Abdul Rasid

MSSS – ISP – PASS : Soil Familiarization Tour 2018

Malaysian Society of Soil Science organized a Soil Familiarization Tour in collaboration with the Incorporated Society of Planters-Lower Perak Branch and Param Agricultural Soil Surveys on 4th and 5th September 2018. A total of 35 participants from various background joined this tour which was organized within the Lower Perak Region. The soil tour started off with a half-day seminar by Dr. S. Paramanathan, Fellow MSSS on the basics of soil survey and also on the soil types of Lower Perak followed by a visit to 7 soil pedons. Among the soil types examined over the 1½ days tour were the Bernam Series, Perepat Series, Linggi Series and Blenheim Series.



By: Dr. Vijiandran V Rajah

LIFE in the **SOIL**

Evaluation of Different Resources of Phosphate Rocks Applied on a Typic Hapludox Soil

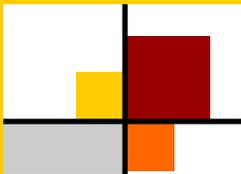
Malaysian agricultural soils are constrained by phosphorus (P) due to low P in soil. Furthermore, presence of oxides and hydroxides of Fe and Al in soils fix large amounts of P. Phosphorus is vital in many plant physiology processes such as photosynthesis, flowering, N fixation, maturation and root growth. To improve P content in soil, most of farmers would apply P fertilizer. The P fertilizers normally used are superphosphate, water soluble P (WSP) and phosphate rock (PR). Among P fertilizers, PR is much preferred among planters especially in acidic soils. PR also is preferable because of its cheaper price and studies have shown that its application improve P in soil. However, PR sources vary widely in their agronomic effectiveness and are shown to vary in P rate release. Reactive PR is able to release P in shorter time as compared to non-reactive PR. This is important, in agronomic practices because less reactive PR may not be able to provide sufficient P during the cultivation of crop cycle. In this study of comparing various types of P fertilizers, Triple Super Phosphate (TSP) showed a superior performance as compared to other PRs application. It recorded the highest value for extractable P, consisting of high P uptake in guinea grass. On the other hand, Grade A Moroccan Rock Phosphate (MA) performed better among the four different types of phosphate rocks. Besides, its performance in pot study is not significantly different to those using TSP;. Plants treated with Grade C Moroccan Rock Phosphate (MC) and Grade B Moroccan Rock Phosphate (MB) showed similar performance as compared to other PRs. Soils treated with Egyptian Rock Phosphate (EG) showed the poorest performance as compared to other PRs.

By: Kamarulridhuan B Razali (Best Soil Science Award 2018), Final Year Project

B. Sc. Agriculture, UPM

2017 SOIL RESOLUTIONS

1. Minimize soil disturbance
2. Increase plant diversity
3. Keep living roots in soil
4. Keep soil covered



Agricultural Extension Programme in Kampung Tani, Bintulu, Sarawak

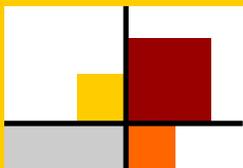
An agricultural extension programme was organised on 26 September 2018 by 5th semester Diploma in Food Estate Management (DPPM) students in collaboration with the Department of Crop Science, Faculty of Agriculture and Food Sciences, UPM Bintulu Sarawak Campus. The half day program involved 40 DPPM's students, three lecturers, two supporting staffs and a postgraduate student. The main objective of the event was to expose the students to current agricultural practices in the rural area and provide agrarian training to the farmers. The program covered four different modules which included application and management of pesticides, fertiliser, nursery and preparation of mixed soil. Every module provided hands-on and basic calculations to calculate the fertiliser and pesticide needs for selected crops grown extensively in the village. Moreover, demonstration of mixed soil with topsoil, coco peat, organic matter and sand were shown to the farmers. The demonstration conducted by the students with the involvement of 15 farmers was as platform for sharing issues and experiences. The lecturers gave further technical assistance related to each module.

Generally, most of the active farmers were aged between 55 to 70 years old and started agricultural activities after their retirement. They cultivated and produced rubber, oil palm, mango, pineapple and vegetable for personal consumption and to be sold at the nearest market. All the farmers received subsidized fertilisers by the Department of Agriculture twice a year which was a total of 60 fertiliser bags. This benefited the farmers to boost crop productivity, but unfortunately were applied at inappropriate rate and timing. Most of them reported several unproductive crop growths such as stunted growth, irregular crop growth and multiple crop deficiencies which have a close relationship with the soil type. Based on visual identification, the soil has coarse and fine sand and the possibility of salt intrusion from the beach (± 1 km from the area). Improper application of fertiliser and soil management accelerated acidity and salinity conditions around the crops. The symptoms were obvious on pineapple, with irregular fruit shapes and defoliation. Pest and disease attacks were identified in mango and tapioca crops. In mango, gall midge infected most of the crops whereas mealy bugs on the tapioca. Due to insufficient knowledge, the farmers were ill-equipped to control and manage their crops. Two outcomes were expected from this program, (i) farmers received a brief knowledge and technical assistance on how to take care of their crops and farm and (ii) a training platform for DPPM students about the roles of an agricultural officer in respective of agricultural extension and program implementation.



By: Izzah Abd Hamid and Dr Wan Asrina Wan Yahaya

unlock the
secrets
in the soil



Malaysia International Agriculture Technology Exhibition (Agri Malaysia 2018)



Malaysian Society of Soil Science (MSSS) had participated in the Malaysia International Agriculture Exhibition that was held from 27-29 September 2018 at Setia City Convention Centre 2, Shah Alam, Selangor, Malaysia. The Exhibition was successfully organized by expoglobe together with ONE International Exhibition. This great exhibition is a very important platform for the representatives of agriculture industries not only from Malaysia but from many other countries to promote their products to the community. This was a great opportunity for MSSS to participate in an international event together with 42 foreign exhibitors from China, South Korea, Australia, Italy, United State, Thailand, Singapore, Taiwan, Vietnam and The Republic of Sudan. MSSS participation in Agri-Malaysia was really beneficial in promoting the society to the public since this exhibition has provided a platform to connect the agriculture industry stakeholders, market players and the community.



Booths and Visitors

More than 170 exhibitors participated in the Agri-Malaysia Exhibition with a total of more than 300 booths. The event attracted the crowd to MSSS booth. There were several soil monoliths provided by Department of Agriculture, Malaysia, on display at the booth. Biochars which can be used as soil amendments and plants grown in biochar-amended soil were displayed. Booklets on soil suitability for crops cultivation were available for visitors visiting the booth. During the exhibition, MSSS booth received more than 250 visitors looking for books/ references/ collaboration/ consultation/ discussion or even to get to know about the society. MSSS managed to sell many published items during the event. The society managed to scout a few visitors to become members of the society.



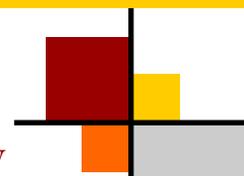
By: *Dr. Susilawati Kasim, UPM*

Soil Survey, Mapping and Land Evaluation Course

Due to keen interest towards land productivity and soil sustainability, Malaysian Rubber Board (MRB) organized a training course on Soil Survey, Mapping and Land Evaluation. This course was part of **soils under rubber plantation** training courses. The first part were conducted last two consecutive years, which focused on soil identification and basic classification. The course was held on 26-29 November 2018 at Malaysian Rubber Board Research Station in Kota Tinggi and Penawar, Johor. This course was attended by 19 participants from different positions in MRB. Initially, a preliminary test was conducted to determine the level of understanding of the participants about soil survey, mapping and land evaluation. The course consist of lectures and field practical techniques. Related videos and rock samples were used to facilitate participants in understanding the lectures. The first lecture topic was on description of soil profile on the field, followed by basic classification system. The lectures continued with exposure of major Malaysian soils and processes in soil survey and mapping. Lectures included theory and practical use of positioning systems in soil survey. The last topic was on land and soil suitability classification. For field practical, participants were divided into few groups and the soil survey was carried out in the specific given area. Each group covered at least two soil series. The soil series in the areas were Batu Lapan (Laterised Shale), Pohoi (Carbonaceous Shale), Senai (Gabbro), Padang Besar (Laterised Shale) and Local Alluvium Complex. During the last day, there were presentations by each group about soil profile descriptions and demarcation of soil series boundaries in the soil map. Participants were required to sit for the final examination consisting of objective and subjective questions. The final assessment was evaluated based on test scores as well as the involvement of the participants and also their interest showed during the course. The lectures were given by MSSS Fellow, Assoc. Prof. Dr Wan Noordin Wan Daud, assisted by Dr Shafar Jefri Mokhtar who elaborated on positioning systems used in soil survey and field practical. Through this training course, participants were able to increase their knowledge and understanding of soil survey and mapping in order to evaluate the land and soils. Participants were taught the importance of soil series and suitability for rubber cultivation. Hopefully, this course will enhance the standard of research. It is pertinent that soil types are taken into consideration in deciding the experimental design of research plots.



By: Dr. Shafar Jefri Mokhtar



The International Union of Soil Sciences (IUSS)

WHY JOIN THE IUSS?

The International Union of Soil Sciences (IUSS) is the global union of soil scientists. The objectives of the IUSS are to foster all branches of the soil sciences and their applications, and to give support to soil scientists in the pursuit of their activities. In addition, the IUSS aims to put soils and soil science on the global agenda. Annual subscriptions from National Soil Science Societies, either directly or indirectly via National Academies, are essential for maintaining a strong presence of the IUSS for effective promotion of soil science and its wide range of applications to fellow professionals, policy and decision makers, and the general public. This is critical to keep our discipline strong and viable and to enhance its visibility and impact in all parts of the world.

The IUSS is the umbrella organisation for six important regional societies, one in Asia (the “East and South East Asian Confederation of Soil Science Societies”), three in Africa (the “African Soil Science Society”, the “East African Soil Science Society”, and the “West and Central African Soil Science Society”), one in Latin America (the “Latin American Society of Soil Science Societies”), and one in Europe (the “European Confederation of Soil Science Societies”). All these regional organisations act under the umbrella of IUSS and have specific tasks for promoting soil science.

Source <https://www.iuss.org/about-the-iuss/why-join-the-iuss/>



**International
Decade of Soils
2015-2024**

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

JOURNALS (RM 10/each)

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

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

Announcements!

CONFERENCES and WORKSHOPS:

1. [European Geosciences Union \(EGU\)](http://www.egu.eu), 7-12 April 2019
2. ESAFS2019, <http://esafs2019.cssfs.org.tw/>
3. https://www.iuss.org/index.php?article_id=21

REGISTRATION FORM

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

Occupation : _____

Organization : _____

Mailing Address : _____

Contact Number : (HP) _____
(O) _____

E-Mail : _____

I wish to attend the conference

I wish to present a paper(s)

I wish to present poster(s)

I wish to attend the conference dinner

I wish to participate in the post conference tour

Title of paper/poster : _____

PAYMENT DETAILS

Amount : _____

Mode of payment : _____

Reference No : _____

Date : _____

Signature : _____

Date : _____

THE ORGANIZERS



Malaysian Society of Soil Science (MSSS) is a non-government organisation (NGO) in Malaysia engaged in promoting the study of soil science within the context of agriculture. Inaugurated on April 2, 1971 with 26 founding members, MSSS has since grown into a full-fledged professional entity, having a membership of over 600 from public and private sectors, within and outside of Malaysia.



Faculty of Plantation and Agrotechnology (FPA) was established in 2010 in Universiti Teknologi MARA (UiTM). The mission of the faculty is to play the vital role in producing well-trained professionals in all areas of plantation and agriculture related industries at national and international level.

JOINTLY ORGANIZED BY :



SOILS 2019

SOIL SCIENCE CONFERENCE OF MALAYSIA

Sustainable Soil Management and Conservation

16-18 APRIL 2019
HOTEL EQUATORIAL, MELAKA

ORGANIZING COMMITTEE

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Assoc. Prof. Dr. Asmah binti Awal

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Vice Chairman : Norazlina binti Abu Sari

Secretary : Salwa binti Adam

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Secretariat : Nur Firdaus binti Abdul Rashid
: Nurul Wahida binti Hani
: Muhammad Nuruddin bin Mohd Nor

CONTACT US

Please mail, e-mail or fax this form with a copy of Extended Abstract to:

The Secretariat
SOILS 2019
Faculty of Plantation and Agrotechnology
Universiti Teknologi MARA Melaka Branch Jasir Campus
77300 Merlimau
MELAKA MALAYSIA
(Attn: Madam Nur Firdaus binti Abdul Rashid)

☎ +60 12 495 0157
☎ +60 62 645 224
☎ +60 62 645 232
✉ soilconference2019@gmail.com



ABOUT THE CONFERENCE

Sustainable soil management and conservation is one of the key environmental, social and economic issues faced in the world today. Increasing global population, globalization of markets, reduced soil fertility and increased of combination of chemical and mechanization have placed greater pressure on soil resources.

The SOILS 2019's theme, "Sustainable Soil Management and Conservation" embodies a resonating drive for academicians, researchers, industries, institutions, agencies and organizations to discuss on current issues and efforts on soil management to achieve greater sustainability of soil resources.

OBJECTIVES

- To share knowledge and recent information on sustainable soil management and conservation in agriculture and plantation sector
- To promote interdisciplinary and inter-organization networking collaboration towards achieving sustainable soil management and crop production

TOPICS/SCOPES

- Management of plantation soil
- Management of peat and other wetland soils
- Soil genesis and classification
- Soil physical and conservation
- Soil fertility and nutrients management
- Soil microbes and health
- Soil management for land improvement

PARTICIPANTS



National/Local government agencies/officers



Academicians/Researchers/Agonomists



Plantation Manager/Assistant/Officer



Individuals involved in Agriculture sector/Oddinary participants

IMPORTANT DATES

Early bird registration	Before 18 January 2019
Extended abstract submission	18 January 2019
Conference	16 & 17 April 2019
Post Conference tour	18 April 2019

REGISTRATION FEES

Early Bird Registration (Before 18 January 2019)	
MSSS Member	RM 650.00
Non-MSSS Member	RM 750.00
Student*	RM 450.00
Post conference tour	RM 60.00
Regular rate (After 18 January 2019)	
MSSS Member	RM 750.00
Non-MSSS Member	RM 850.00
Student*	RM 550.00

* Please attach a verification letter from the supervisor together with the registration form.

The registration fee includes a conference bag, proceeding book, lunch, refreshments, and a conference dinner.

The post conference tour is limited to 40 people on a 'first-come-first-served' basis. The post-conference tour will cover the cost of logistic, materials and meals.

All payment should be in the form of online transfer, cheque/bank draft and purchase order (PO) payable to:

Account Holder : THE MALAYSIAN SOCIETY OF SOIL SCIENCE
Account No : 6602990800 (CIMB BANK BERHAD)
Address : Ground Floor, Block B, Bangunan Pusat Pelajar, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia

Branch code : 1212
Swift Code : CTBBMYKL
Payment Reference : SOILS2019 and participant full name

CALL FOR PAPERS

In conjunction with the SOILS 2019 theme, papers of relevant topics within the conference theme are invited for oral/paper presentations. Authors are requested to submit an Extended Abstract not exceeding three (3) pages in English.

The Extended Abstract must include title, author(s), introduction, materials and methods, results and discussion, conclusion, and references.

The Extended Abstract must be prepared on an A4-sized paper with 25 mm margins on all sides, with single spacing using Times New Roman font size 12.

All illustrations must be inside the text of the Extended Abstract. Poster must be prepared on size A1 paper. Posters submitted will be eligible for "Best Poster Awards".

VENUE

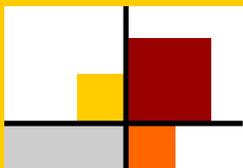
ADDRESS : HOTEL EQUATORIAL,
 BANDAR HILIR,
 75000 MELAKA,
 MALAYSIA
TEL NO : +60 6-282 8333
FAX NO : +60 6-282 9333

ACCOMMODATION

Delegates are advised to arrange their own accommodation. The nearest hotels recommended are as follow:

The Imperial Heritage Melaka	+6 06-289 9000
Haffren Hotel Melaka	+6 06-286 9696
Novotel Melaka	+6 06-289 8222
Fenix Inn	+6 06-281 5511
Malacca Straits Hotel	+6 06-286 1888

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



Third Announcement and Call for Abstracts

<http://ESAFS2019.cssfs.org.tw>

ESAFS 2019: Smart Soil Management for Sustainable Agriculture
November 3-8, 2019

14th International Conference of the East and Southeast Asia Federation of Soil Science Societies (ESAFS)
GIS Convention Center, National Taiwan University, Taipei, Taiwan

About ESAFS

ESAFS is dedicated to the exchange of recent advances in soil science in the East and Southeast Asian regions. The conference provides a platform for interaction among scientists, consultants, and policy makers, who are responsible for the research and technology transfer of soil science, fertilizer management, and plant nutrition in order to cope with the rapid industrial development.

Access

We are glad to inform you that ESAFS 2019 will be held at GIS Convention Center of National Taiwan University in Taipei, Taiwan, on November 3-8, 2019, including 2 days (Nov 4-5) for scientific sessions and 2 days (Nov 6-7) for excursion program in Taiwan. Taipei is home to various world-famous architectural and cultural landmarks. In addition, delicious meals in various food styles can be found within the conference venue. We deeply look forward to your participation in ESAFS 2019.



Organized by

The East and Southeast Asia Federation of Soil Science Societies (ESAFS)
National Taiwan University(NTU)
The Chinese Society of Soil and Fertilizer Sciences (CSSFS) (Taiwan)

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Professor Dr. Zeng-Yei Hseu
National Taiwan University, Taiwan, zyhseu@ntu.edu.tw

Vice-chairman

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Secretary General

Professor Dr. Shih-Hao Jien
National Pingtung University of Science and Technology,
Taiwan, shjien@mail.npust.edu.tw

Important Date

2019.03.01	Open for Abstract Submission
2019.08.01	Deadline for Abstract Submission
2019.08.15	Notice of Acceptance
2019.08.31	Deadline for Early-Bird Registration
2019.09.15	Final Announcement
2019.10.03	Deadline for Pre-registration
2019.11.03	Arrival
2019.11.04-05	Scientific Sessions
2019.11.06-07	Post-conference Educational Trip
2019.11.08	Departure

Call for Abstracts

The ESAFS 2019 Organizing Committee cordially invites all interested individuals to submit abstracts. The conference attracts attendees from all the ESAFS members. Submit your 1-page abstract with the filled up submission form to Secretary General via E-mail:

Dr. Shih-Hao Jien (shjien@mail.npust.edu.tw)

Download the abstract guidelines and template in the [ESAFS 2019 website](#).

Sessions

- ◆ Soil education for pre- and elementary-school children: current issues towards setting an international standard
- ◆ Emerging contaminant elements in soil-plant systems
- ◆ Soil information and digital soil mapping
- ◆ Soil Fertility and plant nutrition
- ◆ Soil Ecology
- ◆ Recent advances in paddy soil science: toward establishments of sustainable rice production, environmentally-friendly managements and food safety
- ◆ Soil management and climate change
- ◆ Soil and water management
- ◆ Forest soils
- ◆ Control, remediation and reclamation of soil degradation and soil contamination

Post-conference Educational Trip

The educational trip is designed to include soil science-related site seeing and tourist highlights around the central Taiwan.



Nov. 06-07, 2019

Beginning & Location
 Wednesday, Nov. 06, 2019.
 AM 07:30, Just Sleep Hotel
 (near GIS Convention Center)

End
 PM 05:00; Nov. 07, 2019;
 parking lot of Just Sleep Hotel

Min of participants
 10 persons

Conference Registration Fee

	Early Bird By Aug 31	Regular Rate Sep 01-Oct 05	On-Site Registration Nov 3-Nov 7
Regular participants	US\$ 300	US\$ 350	US\$ 450
International students	US\$ 150	US\$ 200	US\$ 350
Accompanying spouse	US\$ 50	US\$ 80	US\$ 150
Invited participants and accompanying spouses	Waived	Waived	Waived
Local participants	NT\$ 250	NT\$ 300	NT\$ 500
Local students	NT\$ 250	NT\$ 300	NT\$ 500

Note 1: Registration fee includes banquet (only for the registration by Oct 05, 2019), proceedings, and refreshments. Accommodation and educational trip fees are NOT included.

Note 2: The exact fee charged could be a little higher resulted by cash flow.

Note 3: The receipts of all the payments will be available at the registration counter (on site).

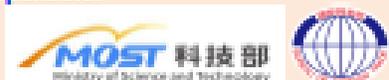
Please visit the ESAPS 2019 website to get the other information, including details of conference program, post-conference educational trip, and organization committees.

<http://ESAPS2019.cssfs.org.tw>

Organizers:



Sponsors:



MSSS Newsletter

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www.msss.com.my

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;

YOUNG SCIENTIST AND SENIOR 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

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.

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 jeanny@frim.gov.my or rosazlin@um.edu.my and for photos .jpg is preferred.



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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,
Department of Land Management,
Faculty of Agriculture,
Universiti Putra Malaysia,
43400 Serdang,
Selangor, MALAYSIA
Website: <http://www.msss.com.my/>

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*