Message by the MSSS President

Year 2019 MSSS celebrates its 48\textsuperscript{th} year as a professional body representing the interest and aspirations of the soil scientists in Malaysia. SOILS 2019 has just been concluded and on behalf of MSSS and as the Chair of SOILS2019, I wish to convey our heartfelt thanks to Universiti Teknologi Mara, Jasin, Melaka (UiTM) for giving excellent support and contribution as the co-organizer. MSSS are actively involved in the Asian Soil Partnership (ASP) and East and Southeast Asia Federation of Soil Science Societies ESAFS, apart from being a member of the International Union of Soil Sciences (IUSS). At MSSS level, we will actively support IUSS initiatives and we are also planning many activities to promote science and technology advancement in the area of soil research, to reach out to the public through conference, public talk, soil familiarization tour, and the celebrating of World Soil Day 2019 on 5\textsuperscript{th} December 2019. The event aims to raise awareness of the importance of soil quality for human well-being, food security and ecosystems and to highlight soil’s importance on Earth. MSSS members are welcome to submit articles regarding activities and issues pertaining to soil for MSSS Newsletter and we proudly inform that MSSS Newsletter is published in the IUSS website. I would like to congratulate the Past President and her Management Committee for their untiring efforts to ensure continued relevancy of MSSS and put the society in the forefront at the local and regional level. I, together with all elected 2019/2020 committee members, will try to work towards exciting and impactful events for this term. I look forward for great and active participation from MSSS members. I also welcome ideas from members and together we promote wise use of soil resources.

Soil is Life

DR. ROSAZLIN ABDULLAH
President MSSS 2019/2020
Soil Science Conference of Malaysia (SOILS 2019) was held on 16\textsuperscript{th} - 18\textsuperscript{th} April 2019 at Hotel Equatorial, Melaka. The event was jointly organized by Malaysian Society of Soil Science and the Faculty of Plantation and Agrotechnology (FPA), UiTM. With a theme of “\textit{Sustainable Soil Management and Conservation}”, this conference was succeeded in having more than 100 participants from local and international institutions. The conference covered seven (7) scopes including management of plantation soils, management of peat and other wetland soils, soil genesis and classification, soil physics and conservation, soil fertility and nutrient management, soil microbes and health and soil management for land improvement.

The conference was officiated by representative of Chief Minister of Melaka, YB Damian Yeo Shen Li (ADUN Duyung). Honorable keynote speaker for the conference was Prof. Ir. Dr. Dato’ Roslan Hashim from the University of Malaya (UM) with a topic of “Multidisciplinary approach towards coastline protection using ecological engineering”. Three distinguished plenary speakers were also invited namely Dr. Wan Rasidah Wan Abdul Kadir (FRIM), Prof. Dr. Osumanu Haruna Ahmed (UPM) and Dr. Christopher The Boon Sung (UPM). Apart from the plenary presentations, the conference had 22 oral presentations and 58 poster presentations joined by various local and international institutions.

The conference also included the field tour to FRIM Research Station, Selandar for forest soil pedon observation and classification. The morning session was guided by Mr Mohamad Fakhri Ishak from FRIM and each participant was encouraged to hold and experience the observation process themselves in the soil pit provided.

After lunch break, the tour proceeded to a composting site and an integrated farm owned by Eng Yean Rubber Sdn Bhd. The tour was guided by its managing director, Mr Isaac Chu Wye Loon. The participants were exposed to the step by step process of composting at the composting site and given explanation on the yield performance as affected by the compost application in the integrated farm.

The conference successfully achieved the objectives to share the knowledge and recent information on sustainable soil management and conservation in agriculture and plantation sector as well as to build networking collaboration of various organizations. It is hoped that through this yearly organized conference, more insights and improvement can be achieved for the future.

\textit{By: Dr. Nur Qu Dyna Boll Kassim (UiTM)}
SOILS2019 Field Trip
AGRI Malaysia 2019

MSSS is joining the 2019 AGRI Malaysia International Agriculture Technology Exhibition which will be held on the 26-28 September 2019 at Setia City Convention Centre 2, Shah Alam Selangor Malaysia. This exhibition is one of the main trade platform for agriculture-related industry where planters gather and get connected within each other. Head on over to the official website https://agrimalaysia.com/en for more information.

BIM Badan Ikhtisas Malaysia

The Professional Fraternity Evening event hosted by BIM on the 31st of July 2019 was held at the Hotel Istana Kuala Lumpur. MSSS would like to congratulate representatives for the event and is honored to announce that two of our members were elected as the BIM Executive Committee 2019-2020. They are Dr Wan Rusidah Abdul Kadir (FRIM) as the Honorary Treasurer, whilst Dr Rosazlin Abdullah (UM) as the Ordinary Member. BIM was set up with the assistance of the Commonwealth Foundation in the year 1973 to serve as the umbrella body for all professions recognized by legislative Acts of Parliament in Malaysia. Membership has since been extended to include all other professional groups and disciplines where the recognition by the government authorities is still in progress. More information, visit their website on www.bim.org.my.
The Institute of Plantation Studies, Universiti Putra Malaysia hosted a 2-day course on basic soil identification, inviting a small group of 15 participants from research institute, plantation companies, and students. The course lecture was conducted by none other than Dr Wan Mohamed Noordin Wan Daud, a very well known soil scientist and expert in the field, whom also is one of distinguished MSSS Fellow Member. Day-1 started with the opening ceremony by the Director of IKP, Prof Datin Dr Siti Nor Akmar Abdullah and proceeded with lecture sessions by Dr Noordin. Day-2 of the course was a full day visit to the field for soil identification, where several types of soils were identified by the participants. The practical soil identification session was the most important and very meaningful for participants to familiarize themselves on the necessary steps for identifying soil series. In time, it is hoped that new scientists and practitioners will eventually learn how to identify the soil series, and more importantly about how to manage such soils for agriculture purposes. Participants are also eagerly waiting for future and more advance soil classification course in the near future to increase knowledge and experience when dealing with Malaysian soils.

By: Muhammad Zamir Abdul Rasid
'One Hand Saves the World’ is an annual community and industrial engagement programme organized by Planters’ Guild Society, Faculty of Plantation and Agrotechnology (FPA), Universiti Teknologi MARA (UiTM). The event was held on 30 April 2019 at Sekolah Menengah Kebangsaan (SMK) Paya Rumput, Melaka through a collaboration with SMK Paya Rumput, Department of Agriculture Melaka, Department of Fisheries Melaka, Federal Agriculture Marketing Authority (FAMA) Melaka and Gedung Makanan Negara Department (GMN).

There were 500 participants involved in the event with 43 students of FPA and 457 students of primary and secondary schools. The main aim of the programme was to encourage the youth to connect with nature by educating them in managing the soil. Students were engaged to learn and discover through hands-on activities while getting their hands dirty, developing knowledge on how to improve the soil condition for optimum plant growth. There were several activities during the programme which started with a talk, demonstration and practical on how to make compost from kitchen and agriculture waste into fertilizer. They were given tasks in a group to make a pile of organic compost by using available resources. The importance of soil moisture conservation were also highlighted through the application of organic mulching from oil palm empty fruit bunch during transplanting. This programme is hoping to build awareness to the youths on the importance of conserving the soil for future, aligning with the programme theme, ‘Seeds of Hope’.

During the programme, students were also exposed to different activities including current issue on food security by GMN, the agrotechno-exhibition by agricultural agencies and entrepreneur’s day. The opening and closing ceremony was officiated by En. Tahir bin Kassim, Head of Mathematic Unit, Malacca Education Department, on behalf of Director of Malacca Education Department, Datuk Haji Abu Bakar bin Sahari. Also present were the Deputy Dean of Research & Industrial Linkage, FPA, Dr. Shamsiah Abdullah, Deputy Dean of Student Affairs, FPA, Ms. Nordiana Ibrahim, Head of Jemaah Nazir, Jaminan Kualiti Negeri Melaka, En Abdul Aziz Ahmad and The President of Parent-Teacher Association (PIBG) SMK Paya Rumput, Dr Basyarudin Bin Mohd Sharif.

By: Norazlina Abu Sari (UiTM)
BOOK REVIEW

The book “Model Afforestation of Ex-Mining Lands: Establishment of New Forests in Klian Intan, Perak” was written by Dr. Ahmad Zuhaidi Yahya, Dr. Jeyanny V, Dr. Hashim MN and Mr. Mohamad Fakhri I and was published by the Forest Research Institute of Malaysia (FRIM) in 2018. This book showcases the tireless commitment of FRIM scientists and Rahman Hydraulic Tin (RHT) Sdn. Bhd owner of ex-mining area in Klian Intan Perak in transforming the degraded area into 'new forests' using research and development strategies that will garner various benefits.

This book has 66 pages and contains 10 chapters with illustration and text that guides mine managers on the fundamental steps involved in the establishment and the silvicultural management of an afforestation/reforestation model in the tropics. To conclude, this well written book on model afforestation techniques of ex-mining lands would serve as a useful reference for other stakeholders such as a guideline on soil management, selection of suitable forest species, standards for silvicultural methods in order to produce viable tree stands and phytoremediation of tin tailing using *Acacia* and other native species.

Visit www.frim.gov.my for more information on how to get your personal copy.

*By: Dr Rosazlin Abdullah*
World Soil Day (WSD) is held annually on 5 December as a means to focus attention on the importance of healthy soil and advocating for the sustainable management of soil resources.

An international day to celebrate Soil was recommended by the International Union of Soil Sciences (IUSS) in 2002. Under the leadership of the Kingdom of Thailand and within the framework of the Global Soil Partnership, FAO has supported the formal establishment of WSD as a global awareness raising platform. The FAO Conference unanimously endorsed World Soil Day in June 2013 and requested its official adoption at the 68th UN General Assembly. In December 2013 the UN General Assembly responded by designating 5 December 2014 as the first official World Soil Day.

#StopSoilErosion

...is the objective of this World Soil Day 2019 on 5 December and throughout the year.

Share the key messages on social media
#StopSoilErosion is at the heart of the Global Soil Partnership’s mandate as demonstrated by the Global Symposium on Soil Erosion. We work to ensure that people have safe and nutritious food to ensure active and healthy life without endangering essential ecosystems services. [...]
**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.


**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)

**PROCEEDINGS (RM 10/each)**
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

**Announcements!**

**CONFERENCES and WORKSHIPS:**
1. ESAFS2019, 3-9 November 2019, Taiwan
2. SOILS 2020, 7-9 April 2020, Johor Bahru, Malaysia
**Third Announcement and Call for Abstracts**

**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

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**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.

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

**Vice-chairman**  
Distinguished Professor Dr. Dar-Yuan Lee  
National Taiwan University, Taiwan; dylee@ntu.edu.tw

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

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**Important Date**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>2019.03.01</td>
<td>Open for Abstract Submission</td>
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<tr>
<td>2019.08.01</td>
<td>Deadline for Abstract Submission</td>
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<tr>
<td>2019.08.15</td>
<td>Notice of Acceptance</td>
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<tr>
<td>2019.08.31</td>
<td>Deadline for Early-Bird Registration</td>
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<tr>
<td>2019.09.15</td>
<td>Final Announcement</td>
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<td>2019.10.05</td>
<td>Deadline for Pre-registration</td>
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<td>2019.11.03</td>
<td>Arrival</td>
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<td>2019.11.04</td>
<td>Scientific Sessions</td>
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<tr>
<td>2019.11.06</td>
<td>Post-conference Educational Trip</td>
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<tr>
<td>2019.11.08</td>
<td>Departure</td>
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</tbody>
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**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

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

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

http://ESAFS2019.cssfs.org.tw

Organizers:

Sponsors:
REGISTRATION FORM

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

Occupation: ________________________________

Organisation: ______________________________

Mailing address: ____________________________

Contact number: (HP) _______________________
(O) _______________________

Email: ________________________________

( ) I wish to attend the conference
( ) I wish to present a paper(s)
( ) I wish to present a poster(s)
( ) I wish to attend the conference dinner
( ) I wish to attend the post conference tour

Title of paper/poster:

________________________________________

________________________________________

PAYMENT DETAILS

Amount : ________________________________

Mode of payment: _________________________

Reference no. : _________________________

Date of payment : _________________________

Signature : ______________________________

Date : ________________________________

IMPORTANT DATES

Deadline for early
bird registration 31 January 2020

Deadline for extended
abstract submission 31 January 2020

Conference 7 & 8 April 2020

Post conference tour 9 April 2020

Please e-mail this form with a copy of Extended Abstract to:
soilscienceconference2020@gmail.com

For any enquiries please contact:
The Secretariat SOILS 2020
Forest Plantation Programme
Forestry Biotechnology Division
Forest Research Institute Malaysia (FRIM)
52109 Kepong, Selangor
Malaysia
+603-6279 7302/7192

Attn: Mrs. Nur Hafiza Abd Halim /
Mrs. Siti Noratikah Mustafa

POST CONFERENCE TOUR

A one day post conference tour on 9 April 2020 will be
arranged for registered participants. This tour will include
pedon description and visit to agricultural farm. The post
conference tour is limited to 40 people on a ‘first-come-
first-served’ basis. A fee of RM50 will be charged to cover
the cost of logistics, materials and meals.

ACCOMMODATION

Delegates are advised to arrange their own
accommodation. Among suggested hotels are:

KSL Hotel & Resort +607-288 2874
Holiday Villa +607-290 3308
Grand Paragon +607-268 5222
Puteri Pacific +607-219 9999
M Suites Hotel +607-221 1000

First Announcement
BACKGROUND
The Malaysian Society of Soil Science (MSSS) since its inception on 2 April 1971, has been actively organising conferences, meetings, discussions and courses related to soil science with various stakeholders. Year 2020 will witness the collaboration of Forest Research Institute Malaysia (FRIM) and MSSS in organizing the SOILS 2020 conference in Johor Bahru, Malaysia. This conference will gather various stakeholders from the private, governmental and non-governmental sectors in deliberating and sharing research findings on our theme, “Soil management towards plant productivity and environmental sustainability”. Soil management is crucial in various soil landscapes, may it be in agriculture, forestry and the environment. Good management practices not only assure optimum food production but also protect the key roles of soils in sustaining biodiversity, water catchments and forests, reducing disaster risks, encouraging nutrient cycling as well as mitigating climate change. Soil management requires multi-disciplinary research and merging technologies that can provide tangible and intangible results for various stakeholders. Thus, the organising committee welcomes registration from all parties to this conference to share your advances in soil related researches and to learn new paradigms that may be able to contribute towards the given theme. Recognising soil as a finite resource, we hope to find common grounds on issues related to sustaining soil ecosystems for present and future generations.

OBJECTIVES
1. To provide a forum for discussion, exchange of ideas and information on the latest R&D on soil management and environmental sustainability.
2. To promote the study of soil science and to create public awareness on the importance of soil conservation within the context of sustainable land management.
3. To review areas of soil study relevant for national development.
4. To provide opportunities for agricultural stakeholders such as soil scientist, agronomists, planters and agro-based entrepreneurs to share knowledge, ideas, to identify and update emerging issues, and to network with one another in plantation production without compromising the soil ecosystem.

WHO SHOULD ATTEND
1. Academicians, researchers and agronomists
2. Policy makers
3. Agriculture consultants/advisors
4. Individuals involved in agriculture sector
5. Any individuals interested in soil management

SCOPE
1. Soil genesis, classification & mapping
2. Soil fertility & plant nutrition
3. Soil biodiversity & ecology
4. Soils in forest landscape
5. Soil sustainability & remediation in degraded environments
6. Soils in the Anthropocene

CALL FOR PAPERS
In conjunction with SOILS 2020 theme, “Soil management towards plant productivity and environmental sustainability”, papers of relevant topics within the conference theme are invited for oral/poster presentations. Authors are requested to submit an Extended Abstract not exceeding four (4) pages in English.

The Extended Abstract must include title, author(s), introduction, methods and materials, results and discussion, conclusion and references. It must be prepared on 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. Posters must be prepared on A1-sized paper.

BEST POSTER AWARD
Five outstanding posters will be selected by the appointed panel of judges for the award.

BEST PRESENTER AWARD
One oral presenter will be selected by the appointed panel of judges to receive the award.

REGISTRATION FEES
Early bird registration (until 31 January 2020)
- MSSS Member: RM 700.00
- Non-MSSS Member: RM 800.00
- Student*: RM 450.00
- Post conference tour: RM 60.00

Regular rate (from 1 February 2020)
- MSSS Member: RM 800.00
- Non-MSSS Member: RM 900.00
- Student*: RM 550.00

*Students must attach a verification letter from the supervisor along with the registration form.

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

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

Account Holder: THE MALAYSIAN SOCIETY OF SOIL SCIENCE
Account Number: 8602960800 (CIMB BANK BERHAD)
Address: Ground Floor, Block B, Bangunan Pusat Pelajaran, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia
Branch code: 1212
Swift Code: CTBBMYKL

EXHIBITION & ADVERTISEMENT
An exhibition featuring latest products and technologies related to nutrient management (fertiliser products), field and laboratory instruments, facilities and technical services will be held during the conference. Research institutions, universities, fertiliser companies and laboratory suppliers are invited to display their products in exhibition booths and to advertise in the conference programme book. Please contact the Secretariat for further details.
European Soil Data Centre (ESDAC)

**Chemical properties at European scale based on LUCAS topsoil data**

A new set of maps of baseline topsoil chemical properties at high resolution (500m) is available for the European Union. This group of datasets contains 8 chemical properties: pH (1:5), pH (CaCl2), Cation Exchange Capacity (CEC), Calcium carbonates (CaCO3), C/N ratio, Nitrogen (N), Phosphorus (P) and Potassium (K) using soil point data from the LUCAS 2009/2012 soil surveys (around 22,000 points) for EU-26 (not included Cyprus and Croatia). The derived maps can be baselines to monitor soil quality and provide guidance to agro-environmental research and policy developments in the European Union. The chemical properties maps for the European Union were produced using Gaussian process regression (GPR) models. The methodology and more details can be found in the relevant publication in Geoderma. Data are available in ESDAC:

https://esdac.jrc.ec.europa.eu/content/chemical-properties-european-scale-based-lucas-topsoil-data

**ENSA – JRC Workshop (Amsterdam, 19–20 September 2019)**

To support the implementation of the European Soil Partnership, the next joint JRC-European Network on Soil Awareness (ENSA) meeting will take place as part of the "Summer of Soil" in Fruittuin Van West Organic Farm, Amsterdam, during September 19-20, 2019. The conference is open to everyone with interest in raising awareness of soils as well as other interest groups whose role involves an understanding of specific aspects of soil, for example, planners, teachers, and local authorities. The meeting offers the opportunity for exchanging ideas and experiences in raising soil awareness. Deadline for registration 13.9.2019


**Soil and the SDGs: Challenges and need for action (Brussels, 25 Nov 2019)**

Soil and the SDGs conference is organised on behalf of the European Commission (DG ENV), and it is an opportunity for policy makers, public institutions, researchers, industry and civil society to come together to exchange knowledge and practices on the implementation in the EU of soil and land-related SDGs, and particularly the Land Degradation Neutrality target. The conference targets policy makers, researchers, representatives of NGOs and other stakeholders active in the protection of land and soil. It will provide an opportunity to discuss the challenges of soil and land degradation in the EU and the urgent need for action to implement the Sustainable Development Goals (SDGs).

https://www.soil-conference.org/

**Glinka World Soil Prize and World Soil Day award**

The Glinka World Soil Prize is an annual award for dynamic change-makers dedicated to solving one of our world’s most pressing environmental issues: soil degradation. A second award dedicated to World Soil Day will be given to most exciting World Soil Day event for the campaign 2018 'Be the Solution to Soil Pollution'. Both awards honor individuals, communities or organizations. Deadline for application: 30.9.2019

http://www.fao.org/world-soil-day/world-soil-day-award/en/

Download the ESDAC Newsletter: PDF Format. Feedback: panos.panagos@jrc.europa.eu

ESDAC Alerts are e-mailed to 10,120 scientists. Follow us: @EU_ScienceHub; @lultimealberg; @PanosPanagos22
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. Instructions 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