



Food and Agriculture
Organization of the
United Nations

National updates on soil: Malaysia

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Department of Agriculture
National Focal Point for Malaysia

7th Asian Soil
Partnership
MEETING

9-10 March 2022



Main activities implemented under Pillar 1

(Promote sustainable management of soil resources for soil protection, conservation and sustainable productivity)



- Site Specific Nutrient Management (SSNM) in rice production system through the approaches soil nutrient analysis, mapping and fertilizer application base on crop requirement



Main activities implemented under Pillar 1

(Promote sustainable management of soil resources for soil protection, conservation and sustainable productivity)- continued



- Produced Guidelines for Agricultural Development on Sloping Land.
- These guidelines emphasize the aspect of sustainable management of soil resources based on good agricultural practices.



**GARIS PANDUAN
PEMBANGUNAN
PERTANIAN DI TANAH
BERCERUN**



Main activities implemented under Pillar 1

(Promote sustainable management of soil resources for soil protection, conservation and sustainable productivity)-continued



- Increasing Soil Awareness Campaign through Billboard



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Main activities implemented under Pillar 2

(Encourage investment, technical cooperation, policy, education, awareness and extension in soil)



- Provided national training on sustainable soil management for Extension Agent of The Department of Agriculture.



Main activities implemented under Pillar 2

(Encourage investment, technical cooperation, policy, education, awareness and extension in soil)-continued

- Webinar in conjunction with World Soil Day.
- Organized by Malaysian Society of Soil Science (MSSS)
- Supported by Ministry of Agriculture & Food Industry (MAFI) and Food & Agriculture Organization of the United Nations (FAO)



MALAYSIAN SOCIETY OF SOIL SCIENCE (MSSS)

50th ANNIVERSARY **WORLD 2021 SOIL DAY**
6th DECEMBER 2021 (MONDAY) 9:00 a.m.

SOIL MANAGEMENT IN SUSTAINABLE AGRICULTURE
"Halt Soil Salinization, Boost Soil Productivity"

OPENING REMARKS
YB Dr. Nik Muhammad Zawawi bin Haji Salleh
Deputy Minister of Agriculture and Food Industries II

WELCOMING REMARKS
Dr. Rosazlin binti Abdullah
President MSSS

Supported by

MODERATOR
Dr. Wan Asrina binti Wan Yahaya
Vice President MSSS

WEBINAR PANELISTS

Tn. Syed Abdul Bari bin Syed Othman
Ministry of Agriculture and Food Industries (MAFI)
National Agrofood Policy 2.0: Towards Sustainable Agriculture Practices and Food Systems

Tn. Haji Noranizam bin Mohd. Sahil
Department of Agriculture (DOA)
Soil Salinity: Reality in Malaysia

En. Shamsol Nidzam bin Abdul Rashid
Sime Darby Plantation Berhad
Managing Soil Salinity in Oil Palm Plantation:
Sime Darby's Experience

Pn. Syarifah Noor Irma Suryani binti Syd Ahmad
FELCRA Berhad
Enhancement in Soil Management for Optimizing Rice Production: FELCRA Berhad Experience

zoom ONLINE

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Main activities implemented under Pillar 3

(Promote targeted soil research and development focusing on identified gaps, priorities and synergies with related productive, environmental and social development actions)

- Center of Excellence (COE) Green Agriculture in MARDI Cameron Highlands was launched in 2021.
- focusing on pest control research and disease in an environmentally friendly manner:
 - a) using agents biological control and organic approaches,
 - b) management crop residues for biogas production,
 - c) **research soil erosion control,**
 - d) conservation of genetic resources upland crops in addition to providing technology technical advisory services and training to entrepreneurs.

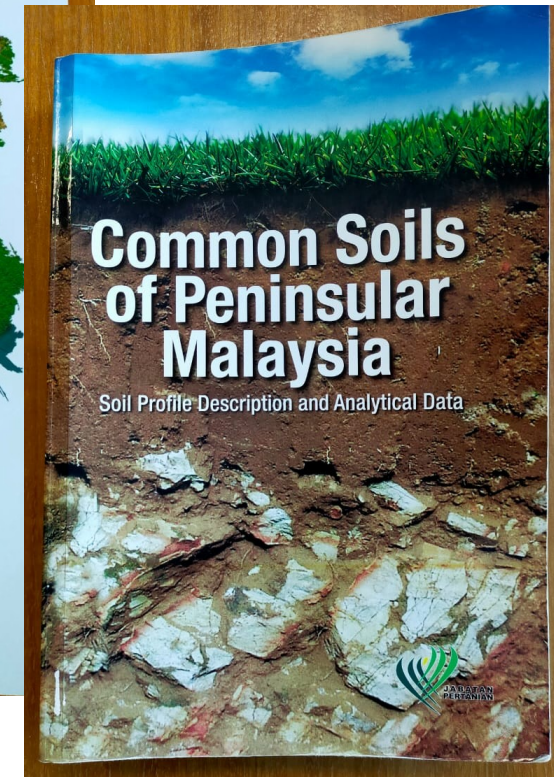


Main activities implemented under Pillar 4 (Information and Data)



Published 3 books entitle:

- Common Soils of Peninsular Malaysia
- Handbook Penyiasatan Tanah
- Handbook Pemuliharaan Tanah



Main activities implemented under Pillar 5

(Harmonization of methods, measurements and indicators for the sustainable management and protection of soil resources)



Activities are being actively implemented through Agriculture Laboratory Association of Malaysia (AgLAM):

- Soil Proficiency Testing (SPT) programmes with the aim to improve laboratory performance
- promote good laboratory practices (GLP) through laboratory accreditation of ISO/IEC 17025.
- review and update on the latest development in the analytical technique of agricultural testing in line with good agricultural practices (GAP)



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