

Workshop Program

(Revised on June 11, 2024)

[June 19] AFACI-SOIL plus PPRL Workshop: (Invited only)

[June 20] Experts Symposium: 08:40 – 18:10 (GMT+8)

Time (GMT+8)	Topics and speakers	Note
08:40 – 09:10	Online login and onsite registration	
	Opening	50 min.
09:10 – 10:00	<p style="text-align: center;">Welcome and Remarks</p> <ul style="list-style-type: none"> • Dr. Seol Kuk-Hwan, Senior DSG, AFACI, Korea • Dr. Gina P. Nilo, Director, BSWM, Philippines • Dr. Su-San Chang, Director, FFTC <p style="text-align: center;">Keynote message</p> <ul style="list-style-type: none"> • Mr. Francisco Tiu Laurel Jr. Secretary of Department of Agriculture, the Philippines <p style="text-align: center;">Group photo</p>	
	<p style="text-align: center;">Session 1</p> <p style="text-align: center;"><i>Advanced Soil Monitoring and Mapping Technology</i></p> <p>Moderators: Mr. Nephtali Morgado, Department Head/IT Manager Provincial Information Management Office Provincial Government of Agusan del Sur - Caraga, the Philippines</p>	2hr.
10:00 – 10:40	<p style="text-align: center;"><i>Digital assessment of soil function for carbon storage in Australia</i></p> <p>Dr. Wartini Ng Postdoctoral Research Fellow Soil Security within the Faculty of Science University of Sydney, Australia</p>	30 + 10 min.
10:40 – 11:20	<p style="text-align: center;"><i>Prediction of soil carbon storage and its spatial distribution in southern Taiwan using digital soil mapping techniques</i></p> <p>Dr. Shih-Hao Jien Professor Department of Soil and Environmental Sciences National Chung Hsing University, Taiwan (R.O.C)</p>	30 + 10 min.

11:20 – 12:00	<p><i>Evaluating the Usability of Continental and Global Digital Soil Mapping Products (Online)</i></p> <p>Dr. Laura Poggio Senior Digital Soil Mapping and Remote Sensing Expert World Soil Information (ISRIC), the Netherlands</p>	30 + 10 min.
12:00 – 13:00	<i>Lunch Break</i>	1hr.
	<p>Session 2</p> <p><i>National Soil Mapping Development</i></p> <p>Moderator: Dr. Yu-Wen Lin Researcher, Agricultural Chemistry Division Taiwan Agricultural Research Institute (TARI) Taiwan (R.O.C)</p>	1hr 30 min.
13:00 – 13:30	<p><i>Utilizing digital geospatial processing techniques for updating and enhancement of Philippine conventional soil resources information</i></p> <p>Dr. Dante E. Margate Chief of Soil Survey Division Bureau of Soils and Water Management (BSWM) Ministry of Agriculture, the Philippines</p>	25 + 5 min.
13:30 – 14:00	<p><i>From Colonial Surveys to Contemporary Solutions: The Journey of Soil Mapping in Malaysia</i></p> <p>Dr. Marshall Kana Samuel Senior Research Officer Soil Sciences, Water and Fertiliser Research Centre MARDI, Malaysia</p>	25 + 5 min.
14:00 – 14:30	<p><i>History of Korean soil survey</i></p> <p>Dr. Yeon-Kyu Sonn Senior Researcher National Institute of Agricultural Sciences, Korea</p>	25 + 5 min.
	<p>Session 3</p> <p><i>Poster Session</i></p>	50 min.
14:30 – 15:20	<p>1. <i>Land Use Change effects on Soil Organic Carbon Sequestration, Fractionation and Stability</i></p> <p>Mr. Roland V. Rallos, Senior Science Research Specialist, Agriculture Research Section. Philippine Nuclear Research Institute (PhD candidate, UPLB), the Philippines</p> <p>2. <i>Assessment and Mapping as Decision Support Tool</i></p>	2 min. for each presenter Plus 30 min. for poster

	<p><i>in Delivering Agricultural Recovery Services to Taal Volcano Affected Vegetable Areas in Calabarzon, Philippines</i></p> <p>Dr. Marcial S. Buladaco, Assistant Professor, Division of Soil Science Agricultural Systems Institute, University of the Philippines Los Baños, the Philippines</p> <p>3. <i>SOC stock of Changhua county in Taiwan</i></p> <p>Ms. Ya-Wen Kuo, Assistant Researcher, Taichung District Agricultural Research and Extension Station, Ministry of Agriculture, Taiwan</p> <p>4. <i>Long-term soil carbon sink performance in agricultural management areas</i></p> <p>Mr. Wen-Jin Jiang, Assistant Researcher, Tainan District Agricultural Research and Extension Station, Ministry of Agriculture</p> <p>5. <i>Production of SOC map using legacy soil data and DSM techniques: Bangladesh perspectives</i></p> <p>Dr. Md. Baktear Hossain, Member Director, Natural Resources Management Division, BARC and PI of AFACI Soil Project, Bangladesh</p> <p>6. <i>Communicating Soil Information: Experiences and Lesson Learnt</i></p> <p>Dr. Shree Prasad Vista, Senior Soil Scientist, National Soil Science Research Centre, Nepal Agricultural Research Council, Nepal</p> <p>7. <i>The Achievements of the SOIL Project Phase I: Thailand</i></p> <p>Ms. Pichamon Intamo, Soil Surveyor, Professional Level, Land Development Department, Thailand</p>	detailed discussion
15:20 – 15:40	Coffee Break	20 min.
	<p>Session 4</p> <p><i>Reinforcement and Utilization of Soil Map</i></p> <p>Moderator: Dr. Wartini Ng</p> <p>Postdoctoral Research Fellow</p> <p>Soil Security within the Faculty of Science</p> <p>University of Sydney, Australia</p>	1hr 30 min.
15:40 – 16:10	<i>Integrating agricultural geospatial data</i>	25 + 5 min.

	<p><i>to evaluate soil organic carbon sequestration potential in Taiwan</i></p> <p>Dr. Chien-Hui Syu Associate Researcher Agricultural Chemistry Division Taiwan Agricultural Research Institute (TARI), Taiwan (R.O.C)</p>	
16:10 – 16:40	<p><i>Reinforcement and Utilization of Soil Map</i></p> <p>Mr. Nephtali Morgado Provincial Government Department Head/IT Manager, Provincial Information Management Office of the Provincial Government of Agusan del Sur - Caraga, the Philippines</p>	25 + 5 min.
16:40 – 17:10	<p><i>Data-intensive approaches to updating and utilizing the soil map in Japan</i></p> <p>Dr. Mizuki Morishita Researcher National Agriculture and Food Research Organization (NARO), Japan</p>	25 + 5 min.
	<p>Session 5 <i>General Discussion</i></p> <p>Moderator: Dr. Dante E. Margate, Chief of Soil Survey Division Bureau of Soils and Water Management (BSWM), the Philippines</p>	40 min.
17:10 – 17:40	<p><i>Why and how should the public and private sectors collaborate to develop and expand the use of the National Soil Map Information System?</i></p> <p>All speakers</p>	30 min.
17:40 – 17:50	<p>Wrap-up</p> <p>Dr. Tomonari Watanabe, Deputy Director, FFTC</p>	10 min.
17:50 – 18:10	<p>Closing Remarks</p> <ul style="list-style-type: none"> • Dr. Seol Kuk-Hwan, Senior DSG, AFACI, Korea • Dr. Gina P. Nilo, Director, BSWM, Philippines • Dr. Su-San Chang, Director, FFTC 	20 min.

[June 21] Field Visit (Invited only)

