2023作物永續栽培體系國際研討會

International Conference on Cropping System for Sustainability

時間 Date　2023 年 9 月 21 日 (21 September 2023)

地點 Venue　國立臺灣大學圖書館國際會議廳
International Conference Hall of National Taiwan University Library

議程 Agenda		
09:00~09:30	報到 Registration	
09:30~10:00	開幕式及長官致詞 Opening and Welcome Remarks / 合照 Group Photo	
主持人：農業部農業科技司 李紅曦司長 Chair: Director General Hung-Hsi Lee, Department of Agricultural Science and Technology, MOA		
10:00~10:30	利用區塊鏈技術監測水稻生產和認證中的溫室氣體排放 Monitoring Greenhouse Gas Emissions in Rice Production and Accreditation with Block-Chain Technology	國立臺灣大學生物資源暨農學院 林裕彬院長 Prof. Yu-Pin Lin. Dean, College of Bioresources and Agriculture, National Taiwan University
10:30~11:00	氣候變遷下亞洲作物生產永續發展與資源管理 Sustainable Development of Crop Production and Resource Management under the Climate Changes in Asia	日本京都大學縄田栄治教授 Prof. Eiji NAWATA. International Strategy Office, Kyoto Univ. ASEAN Center, Kyoto Univ., Japan
11:00~11:30	作物低碳永續栽培的微生物解方 - 芽孢桿菌益生菌之多元應用 Microbial Based Solutions to Low Carbon Sustainable Crop Management - Multifunctional Bacillus-based Probiotics	國立中興大學植病系黃姿碧教授 Prof. Tzu-Pi Huang. Dept. of Plant Pathology, National Chung Hsing University
11:30~12:00	作物輪作：提高作物生產效率並最小化碳足跡的有效系統 Crop Rotation: An Effective System to Improve Crop Production Efficiency and Minimize C footprints.	加拿大農部渥太華研究中心 馬保羅博士 Dr. Bao-Luo Ma. Research Scientist, Ottawa Research and Development Centre, Agriculture and Agri-Food Canada, Canada
12:00~13:30	綜合座談與午餐 Plenary Discussions & Lunch	

節次 A：循環農業與稻作栽培 Session A: Circular Agriculture and Rice Cultivation 主持人：國立臺灣大學生物資源暨農學院 林裕彬院長 Chair: Prof. Yu-Pin Lin. Dean, College of Bioresources and Agriculture, National Taiwan University		
13:30~13:50	循環農業在臺灣的機會與挑戰 Opportunities and Challenges of Circular Agriculture in Taiwan	國立中興大學土壤環境科學系高培慈助理教授 Dr. Pei-Tzu Kao. Dept. of Soil and Environmental Sciences, National Chung Hsing University
13:50~14:10	作物模式應用於水稻灌溉策略之研擬 Application of Crop Model in Planning Rice Irrigation Strategy	國立臺灣大學農藝系劉力瑜教授 Prof. Li-yu Liu. Dept. of Agronomy, National Taiwan University
14:10~14:30	應用 DNDC 模擬作物生育與溫室氣體排放 Modeling of Crop Growth and GHG Emission by DNDC	農業試驗所農業化學組陳柱中副研究員 Mr. Chu-Chung Chen. Associate Researcher, Division of Agricultural Chemistry, Taiwan Agricultural Research Institute
14:30~14:50	水稻減碳生產技術策略 Reducing of Greenhouse Gas Emission in Paddy Rice through Precision Irrigation and Culture Practices	臺中區農業改良場吳以健博士 Dr. Yi-Chian Wu. Taichung District Agricultural Research and Extension Station
14:50-15:10	休息 Coffee Break	

節次 B：灌溉管理與耕作模式 Session B: Irrigation Management and Cropping Pattern 主持人：農業部國際事務司 林家榮司長 Chair: Director General Vincent Lin, Department of International Affairs, MOA		
15:10~15:30	利用共生微生物提高作物的用水效率：耕作系統中水管理的潛在永續方法 Improvement of Water-Use Efficiency of Crops using Symbiotic Microorganisms: A Potential Sustainable Approach to Water Management in Cropping Systems	國立臺灣大學園藝暨景觀學系盧炯敏助理教授 Dr. Hyungmia Rho. Dept. of Horticulture and Landscape Architecture, National Taiwan University
15:30~15:50	永續設施生產：水養液有效利用零滲漏策略 Sustainable Greenhouse Production - Strategy to Efficient Water Utilization with Zero Emission	臺中區農業改良場陳葦玲博士 Dr. Wei-Ling Chen. Taichung District Agricultural Research and Extension Station
15:50~16:10	因應氣候變化下西南沿海農業區的耕作模式設計 Cropping Pattern Design in Southwestern Coastal Agricultural Areas in Response to Climate Change	農業試驗所農業化學組江志峯助理研究員 Mr. Chih-Feng Chiang. Assistant Researcher, Division of Agricultural Chemistry, Taiwan Agricultural Research
16:10~16:30	花蓮地區有機雜糧耕作模式介紹 Introduction to Organic Cultivation of Upland Crops in Hualien	花蓮區農業改良場陳緯宸助理研究員 Mr. Wei-Chen Chen. Hualien District Agricultural Research and Extension Station
16:30~16:50	綜合討論 Discussions	