

International Symposium on Disaster Resilience and Suitable Cultivation Zones for Fruit Crops under Climate Change

Dates: September 22, 2026

Venue: International Conference Hall, Taiwan Agricultural Research Institute (TARI)

Organizer: Taiwan Agricultural Research Institute, Ministry of Agriculture

Co-organizers: Taiwan Water Resources and Agriculture Institute

Time	Speech Topic	Speaker
9:00-9:30	Registration	
9:30-9:50	Opening Remarks & Group Photo	
Keynote Speech: AI-Driven Climate Intelligence for Resilient Agriculture Moderator: Hung-Hsi LEE (Taiwan Agricultural Research Institute)		
9:50-10:30	Connected Intelligence for Climate-Resilient Agriculture: Weather Data Ecosystems, Data Spaces, and AI Agents	Dr. Noboru KOSHIZUKA
10:30-10:40	Tea Break	
Session1: Climate Risk Assessment and Resilience for Fruit Crops Moderator: Fumio IHARA (Food and Fertilizer Technology Center)		
10:40-11:15	Building Climate-Resilient Agriculture in Taiwan: From Climate Science to Risk Assessment and Adaptation	Dr. Yung-Ming CHEN
11:15-11:50	Phenological Resilience and Adaptation of Key Fruit Crops in Taiwan Under Climate Change	Dr. Wen-Li LEE
11:50-12:00	Q&A Session	
12:00-13:00	Lunch Break	
Session2: International Perspectives on Climate-Resilient Fruit Production I Moderator: Syuan-You LIN (National Chung Hsing University)		
13:00-13:25	Impacts of Global Warming on Fruit Tree Production in Japan and Our Future Initiatives	Dr. Akiko ITO
13:25-13:50	Cultivation and Breeding Strategies for Stable Grape Berry Coloration under a Warming Climate in Japan	Dr. Akifumi AZUMA
13:50-14:15	Decision Support Modelling as Mitigation Tools to Strengthen Climate Resilience and Sustainability of Production Zones	Dr. Steph MONTGOMERY
14:15-14:30	Q&A Session	
14:30-14:50	Tea Break	
Session3: International Perspectives on Climate-Resilient Fruit Production II Moderator: Wen-Li LEE (Fengshan Tropical Horticultural Experiment Branch)		
14:50-15:15	Artificial Intelligence and IoT-Based Intelligent Warning and Automatic Irrigation Systems for Climate-Resilient Longan and Mango Production in Thailand	Dr. Peerasak CHAIPRASART
15:15-15:40	Predicting and Securing Flowering during Warm	Dr. Tzong-Shyan LIN

	Winters in 'Yu Her Pau' Litchi	
15:40-16:05	Cultivation Adaptation and Stable Production Technologies for Top-Grafted Pears under Climate Stress	Dr. Ya-Ling CHANG
16:05-16:45	Closing Discussion & Closing Remarks	Hung-Hsi LEE