TAIWAN ICDF

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Workshop on Low Carbon Agriculture

Date：August 26-September 4, 2025
Application Deadline： July 25

Overview

     This workshop centers on reduction, sequestration, and recycling to promote low-carbon agricultural transformation. It covers low-carbon production, carbon measurement, and resource recycling, including crop rotation, diversified planting, organic farming, carbon emission tracking, carbon trading, and agricultural waste reuse. Combining theory and practice, the workshop supports allied and friendly countries in enhancing carbon sequestration, advancing sustainable agriculture, and applying innovative solutions to boost industry value.

Objectives

- Promote low-carbon agriculture for sustainability and combat global warming.
- Boost carbon sequestration and advance carbon trading to enhance value.

Contents

- Promoting Low-Carbon Agricultural Practices: Encourage crop rotation, diversified planting, waste-to-bio-energy conversion, and organic farming to prevent soil carbon release, while developing carbon tracking systems to estimate greenhouse gas emissions.

- Measuring and Calculating Carbon Sequestration: Introduce carbon footprint systems and carbon trading methods, utilizing forestry practices to enhance soil carbon storage, allowing agricultural carbon credits to be traded with domestic businesses.

- Implementing Resource Recycling Technologies: Improve irrigation efficiency and re-purpose agricultural residues, establishing models for cross-sector recycling and reuse of agricultural waste.

Issues this workshop will address

- How carbon trading mechanisms promote low-carbon farming and boost industry value.

- How resource recycling improves waste management and sustains ecosystems?

Who may apply

- Background: Government officials responsible for agricultural production policies and development strategies, as well as scholars and experts in circular or low-carbon agriculture.

- Expertise: Agricultural carbon emissions, circular agriculture, and organic farming.

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A Sneak Peek of TaiwanICDF Workshop Program