

05 Workshop on Technology Applications for Resilience in Agriculture (Exclusive for Latin America, the Caribbean and Europe)

Projected training dates: April 17 to April 30, 2019

Application deadline: March 8, 2019

Duration of workshop: 14 days

Number of attendees: 20

Target attendees: Government officials from partner countries responsible for planning food security policies and supervising agricultural information, and professionals, researchers and business owners in related fields.

Eligibility:

- Age and experience: Applicants under 50 years old and with at least two years' experience in related fields will be given preferential consideration.
- Education: College degree or above.
- Language: Good command of English.

Information to be provided in advance: Application form

Information to be provided on arrival in Taiwan: Participant's report in PowerPoint or Word format, including the following content:

- The latest information and conclusions from recent participation in international meeting/workshop/training in related issues.
- An overview of the current state of climate change adaptation through the use of agricultural technology.
- The impacts of climate change and extreme weather on agriculture and environment and give an example.
- The current problems and challenges involved in promoting agricultural resilience and developing agricultural technology in your country.
- A case study of a successful or failed case.

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Introduction:

1. The workshop aims to share:

- Agricultural technology development and strategies: Learn about adaptation to climate change in agriculture, agricultural biotechnology, technical applications in agriculture and environmental mitigation solutions.
- ICT in agriculture: Learn about using ICT applications in agriculture and environmental data collection, and how to improve crop productivity and sustainable agriculture through ICT.
- Strengthen agricultural biodiversity and risk assessment: To share strategies and successful cases from government and private sectors on plant diversity conservation and management.

2. This workshop includes indoor lectures, field visits and interaction platforms, and aims to assist participants in gaining comprehensive knowledge of Taiwan's strategies and current situation of technology applications for resilience in agriculture.

Agenda:

- Indoor lectures: Develop resilient crop species, precision agriculture, agricultural biotechnology, species conservation techniques, biodiversity conservation and management, and crop stress tolerance.
- Field trips: Visits to successful government and private cases or business.
- Exchange platform: Participants will share the current state of technology applications for resilience in agriculture through forums, and present their accomplishments after having a common understanding through group discussion on improving resilience in agriculture using technology applications.