



PROJECT NOTIFICATION

Ref. No.: 22-CP-08-GE-WSP-A-PN2200002-001

Date of Issue	03 March 2022
Project Code	22-CP-08-GE-WSP-A
Title	Workshop on Climate-smart Agriculture Techniques and Practices
Timing and Duration	26–28 April 2022 (three days)
Hosting Country(ies)	Philippines
Modality	Digital Multicountry
Implementing Organization(s)	Development Academy of the Philippines and APO Secretariat
Participating Country(ies)	All Member Countries
Overseas Participants	38
Local Participants	12
Qualifications of Participants	Senior government officials, policymakers, executives of farmers' cooperatives and associations, senior academics, and consultants involved in promoting climate-smart agriculture
Nomination of Participants	All nominations must be submitted through National Productivity Organizations of member countries
Closing Date for Nominations	12 April 2022

1. Objectives

- a. Share the latest technologies and practices to adapt to and mitigate climate change applied in the agriculture sector.
- b. Learn good practices of climate-smart agriculture (CSA) to maintain and enhance crop productivity.
- c. Discuss strategies and actions for advancing the adoption of CSA in the Asia-Pacific region.

2. Background

The World Bank's Groundswell report of 2021 found that climate change could force 216 million people worldwide to move within their countries by 2050 including 49 million in East Asia and the Pacific, 40 million in South Asia, and 5 million in Central Asia. This is due to loss of livability in highly exposed locations, including agricultural production areas.

Agriculture is one of the sectors most vulnerable to climate change. Shifts, instability, and extremes of temperature and precipitation directly impact its productivity. Climate change makes it difficult for farmers to optimize water and soil conditions, manage pests and weeds, and maintain cultural practices that they have followed for generations. Agriculture is also one of the main sectors responsible for climate change. The OECD reported in 2019 that between 2007 and 2016, it contributed approximately 12% of global anthropogenic greenhouse gas emissions.

To protect against and mitigate climate change while producing more food for growing populations, the adoption of CSA must be accelerated. The FAO defines CSA as an approach that helps guide actions to transform agrifood systems toward green, climate-resilient practices which include three main objectives: sustainably increasing agricultural productivity and incomes; adapting and building resilience to climate change; and reducing and/or removing greenhouse gas emissions where possible. In practice, CSA involves all aspects of agricultural materials and methodologies such as selection of crops and varieties, adjusting water requirements, preparation of land, selection of culture practices, and management of fertilizer and pesticide use. In the Asia-Pacific region, the ASEAN Climate Resilience Network (ASEAN-CRN) was established in 2014 as a platform for regional exchange, particularly for sharing information, experiences, and expertise on CSA.

This workshop on CSA is part of the APO's ongoing efforts to contribute to meeting the UN SDGs through Green Productivity (GP). The GP concept has been promoted by the APO for almost three decades to enhance productivity and simultaneously reduce negative impacts on the environment. This workshop will also provide a platform for leaders from the public and private sectors to examine the latest CSA techniques and practices in the Asia-Pacific. It will help decisionmakers to develop plans for R&D investment in CSA and introduce adaptive technologies in APO member countries.

3. Scope, Methodology, and Certificate of Attendance

The duration of each day's sessions will be around three hours comprising presentations by experts, group discussions, and other relevant learning methods. The indicative topics of the presentations are:

Day 1:

- Overview of climate change and its impact on agriculture in the Asia-Pacific region
- Introduction of strategic CSA approaches

Day 2:

- CSA for adapting and building resilience to climate change
- CSA techniques and practices: Case study

Day 3:

- CSA for reducing and/or removing greenhouse gas emissions
- CSA techniques and practices: Case study
- Strategies and actions for accelerating the adoption of CSA in the Asia-Pacific region

The detailed program and list of speakers will be provided two weeks prior to the sessions with announcement of the names of the selected participants.

The participants are required to attend all sessions. This full participation is a prerequisite for receiving the APO certificate of attendance.

4. Financial Arrangements

- a. The APO will meet the assignment costs for overseas resource persons.
- b. The host country will meet the assignment costs of local resource persons and for a virtual site visit(s), either broadcast live or recorded as applicable.

5. Implementation Procedures

Please refer to the implementation procedures for the APO digital multicountry projects circulated with this document.

A handwritten signature in black ink, appearing to read 'AKP Mochtan', with a long, sweeping flourish extending upwards and to the right.

Dr. AKP Mochtan
Secretary-General