



PROJECT NOTIFICATION

Ref. No.: 22-CP-47-GE-TRC-A-PN2200051-001

Date of Issue	27 May 2022
Project Code	22-CP-47-GE-TRC-A
Title	Training Course on Innovative Approaches in Aquaculture
Timing and Duration	2–5 August 2022 (four days)
Hosting Country(ies)	Turkey
Modality	Digital Multicountry
Implementing Organization(s)	Central Fisheries Research Institute, Ministry of Industry and Technology, Turkey, and APO Secretariat
Participating Country(ies)	All Member Countries
Overseas Participants	38
Local Participants	12
Qualifications of Participants	Policymakers and government officials, representatives of aquaculture producers and business associations, academics, and consultants working on the promotion of aquaculture, development of aquaculture technologies, and aquaculture extension
Nomination of Participants	All nominations must be submitted through National Productivity Organizations of member countries
Closing Date for Nominations	8 July 2022

1. Objectives

- a. Introduce innovative approaches and technologies in aquaculture.
- b. Promote smart transformation of aquaculture in APO members.
- c. Enhance productivity in aquaculture to support local economies.

2. Background

Global seafood production has continued to increase annually, reaching 178 million tons in 2019. This increase primarily came from aquaculture production, while capture production has remained almost unchanged since 1990. According to the FAO, 48% of global seafood production in 2019 was from aquaculture. Five APO members (Bangladesh, India, Indonesia, Thailand, and Vietnam) are listed in the top 10 aquaculture producers in the world, and six more (Cambodia, I.R. Iran, Japan, the Republic of Korea, Philippines, and Turkey) are listed in the top 20. Collectively, these APO members contributed approximately 30% of world aquaculture production (FAO, 2019).

This development is made possible by rapid advances in aquaculture technologies. Previously, marine product aquaculture was practiced mainly in coastal areas. Today, it is increasingly common in inland ponds. In addition, new, fast-growing, and disease-resistant species have been developed through biotechnology. Other advances are seen in aquaculture supply chains, with preservation technologies to maintain freshness and quality during transport becoming widespread.

These advanced technologies expand business opportunities in aquaculture and promote its productivity. This training course will discuss the latest technologies that promote smart transformation in aquaculture, thus contributing to achieving the goal of sustained productivity growth under the APO Vision 2025.

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 course are:

Day 1:

- Overview of modern aquaculture
- Advanced aquaculture technologies using ICT

Day 2:

- Modifying species with superior characteristics for aquaculture
- Sharing innovative aquaculture practices

Day 3:

- Technological developments in aquaculture product supply chains
- Group work

Day 4:

- Best practices of modern aquaculture
- Group work

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.

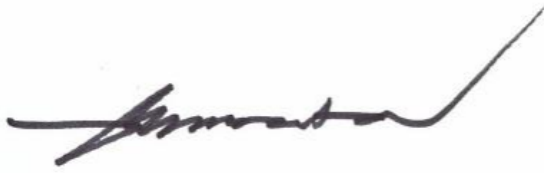
4. Financial Arrangements

- a. The APO will meet the assignment costs of overseas resource persons and honorarium for up to two local resource persons.

- b. The host country will meet the costs for a virtual site visit(s), either broadcast live or recorded as applicable.

5. Implementation Procedures

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

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

Dr. AKP Mochtan
Secretary-General