
Prospectus for the Training Course on Mariculture Technology in Asia-Pacific

Organizer

Department of International Cooperation, Ministry of Science and Technology, PRC and Network of Aquaculture Centres in Asia-Pacific

Host

Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences (“Belt and Road” Training Base for Mariculture Technologies, Ministry of Agriculture and Rural Affairs of PRC) and the NACA Secretariat

Training Approach and Date

Training Approach: Online training (ZOOM)

Date: October 18 to November 5, 2021

Objective

This program aims to help developing countries in strengthening the capacity building of human resources, upgrading the management and technology level, and cultivating highly skilled professionals and management personnel related to marine aquaculture and fisheries, thereby contributing to the healthy and sustainable development of aquaculture in the region.

Contents

The training will pass on the theory and knowledge on genetic breeding technology of mariculture organism varieties, scale propagation of bred varieties, disease control and prevention, nutrition research and feed development, technology for farming models and technology, equipment research and engineering construction for facility farming, and quality and safety inspection technology for aquatic products.

Date, Language, and Enrollment

Date	October 18 to November 5, 2021
Enrollment	60 people
Trainees	Officials of fishery department, scientific researchers of fishery institutions, technicians of fishery enterprises, and personnel of other fishery organizations from developing countries
Language	English

Qualifications for Trainees

-
1. Officials, researchers, enterprise managers, and technicians from developing countries;
 2. Being capable of English listening, speaking, reading, and writing;
 3. Being familiar with the status of the mariculture industry or technology development of their home countries.

Application and Admission

1. Applicants should complete the online application and send the following materials to ice@ysfri.ac.cn before October 10, 2021:

- ※ Application form;
- ※ Scanned copy of the first page of passport or National Identification Card;

Please note that the attachments of your email can not exceed 20M, or we cannot receive it.

2. After the approval, we will send the participating links and training materials to the admitted trainees.

Introduction of YSFRI

Yellow Sea Fisheries Research Institute (YSFRI), located in Qingdao, is affiliated to the Ministry of Agriculture and Rural Affairs of the People's Republic of China. The institute, founded in January 1947, is the oldest multidisciplinary research institute of marine fisheries in China. With an enduring dedication to the pursuit of academic excellence for nearly 70 years, YSFRI has made great efforts in many fields of mariculture,

including mariculture mode and technique, genetic breeding, aquatic products processing and aquatic products safety and quality, and made outstanding contributions to the development of mariculture research and industry in China. To date, the institute has established artificial propagation and culture techniques for more than 30 commercially important marine species, developed 16 new varieties for mariculture species, and set up and optimized several mariculture models such as integrated multi-trophic aquaculture (IMTA) for coastal culture, IMTA for pond culture, land-based industrialized mariculture, offshore net cage culture and sea ranching. The institute has also overcome a series of technological hurdles of aquatic pathogen detection, invented rapid on-field detection kits for over 20 aquatic pathogens, established and optimized several deep processing techniques for aquatic products and developed testing methods and inspection technologies for aquatic products safety and quality.

At present, YSFRI has 10 research divisions, 3 experimental bases and 4 research vessels equipped with state-of-the-art facilities to carry out fisheries researches. YSFRI has 405 faculty and staff members, including 2 academicians of the Chinese Academy of Engineering (CAE) and 160 senior scientists, 30 of whom are Ph.D supervisors and 110 are M.S. supervisors. Currently, YSFRI's postdoctoral program offers research opportunities for more than 30 postdoctoral scholars.