

Training Course on Aquatic Product Trade and Market Development for Developing Countries Project Description

Full Name	Training Course on Aquatic Product Trade and Market Development for Developing Countries		
Organizer	Freshwater Fisheries Research Center of Chinese Academy of Fishery Sciences		
Holding Time	July 21 - August 10, 2022	Language	English
Invited Countries	Developing Countries	Planned Number of Participants	30 in total
Objectives	To enable participants to get a deep understanding upon the successful stories and achievements in aquatic products trading and marketing development, veritably know about the contributions of sustainable aquaculture industry to alleviating food security and poverty in rural areas, providing quality nutrition for people and employment opportunity, and exchange on potential cooperation areas between China and participating countries.		
About the Participants	Background	——Field or major: fishery, aquaculture or any related with international trade —— Position : fishery-related government officials, university teachers, scientific research personnel, grassroots technical personnel, extension officials, business personnel and farmers, etc. ——Level, academic degree or other relevant qualification requirements: none	
	Age	Not higher than the statutory retirement age	
	Physical Health	Ability to attend online training courses on time	
	Language	Capable of listening, speaking, reading and writing in English	
	Others	Able to use the ZOOM platform and participate in the project schedule throughout the process	
Course Content	<p>1. Main content introduction</p> <p>(1) Overview of China's national status: mainly introducing the development status of China's politics, economy, society, culture, etc. and achievements in the past 70 years since the founding of PRC and 40 years since the reform and opening up;</p> <p>(2) International cooperation of Covid-19 prevention and control: mainly introduces China's contribution in the foreign-aid and international cooperation against Covid-19;</p> <p>(3) Module 1—Aquatic product trade:</p> <p>——Global aquatic products trade and its contribution, mainly introduces the current global trade status of aquatic products, sharing the contribution of aquaculture in diet, nutrition security, employment and economic development.</p> <p>——Aqua-feed trade and industry development strategy, mainly introduces China's aquatic feed industry system, trade development status and future development suggestions;</p> <p>——Inspection and quarantine of aquatic products import and export in China, mainly introduces import and export inspection and quarantine experience, methods to prevent animal epidemic into and out of the country to protect fishery production security and human health.</p> <p>——Aquatic product quality & safety control, mainly introduces China's aquatic product safety and quality control technology and management system.</p> <p>(4) Module 2—Development of aquatic product market:</p> <p>——The competition pattern of China's aquatic products market, mainly introduces industry competition situation, market concentration analysis and market segmentation</p> <p>—— The construction and management of aquatic product market system, mainly introduces the relationship between the construction of aquatic product market system and the circulation and consumption of aquatic products, and how to establish a healthy aquatic product market and circulation system.</p>		

— — Aquaculture brand construction, mainly introduces the evaluation of fishery brand value, summarizing the fishery brand construction achievements and practical challenges.

— — The development status and trend of aquatic products processing, mainly introduces the development status, main processing technologies and future development direction of aquatic products processing market;

— — Discussion on Sino-foreign cooperation in aquaculture technology, mainly introduces the history, progress and prospect of Sino-foreign cooperation.

(5) Module 3—Fishery industry development:

— — Overview of the development of global fishery industry, mainly introduces the market demand of global fishery products, the development of global fishery industry and the development prospect of global fishery industry;

— — China's fishery industry development and policies, mainly introducing the construction and development of cooperatives with leading enterprises as the core and various specialized cooperative organizations, as well as relevant government support and guarantee policies.

— — The development of fine breeding system of aquaculture, mainly introduces the technical system and related supporting policies.

— — The innovation of aquaculture technology and modes, mainly introduces the innovation of aquaculture spatial layout and the development of advanced green aquaculture mode, and leads the green development of aquaculture industry by creating a new modern aquaculture mode.

2. Introduction to Cloud Visit

(1) It is planned to virtually visit the leading marine and freshwater fishery enterprises, etc., and conduct online exchanges and discussions on market system construction and management;

(2) It is planned to virtually visit large-scale aquaculture production bases, and conduct online study on analysis of aquatic products supply and demand and aquatic product quality & safety control.

3. Introduction to presenters

(1) Xu Pao: Ph.D., Professor, PhD advisor of Nanjing Agricultural University, current DG of Freshwater Fisheries Research Center of Chinese Academy of Fishery Sciences, Dean of Wuxi Fisheries College of Nanjing Agricultural University, Chief Scientist of Chinese Academy of Fishery Sciences; Main research fields: fish genetics breeding, ecological aquaculture of high-value freshwater species, purification fishery and fishery industry research;

(2) Ge Xianping: Ph.D., Professor, PhD advisor of Nanjing Agricultural University, current Deputy Director General of Freshwater Fisheries Research Center of the Chinese Academy of Fishery Sciences, Chief Scientist of China Agriculture Research System (Conventional Fish), and the Chief Scientist of the Chinese Academy of Fishery Sciences; Main research fields: aquatic animal nutrition and feed, healthy aquaculture;

(3) Yuan Xinhua: Ph.D., Professor, former Deputy Director General of Freshwater Fisheries Research Center of the Chinese Academy of Fishery Sciences, Vice Dean of Wuxi Fisheries College of Nanjing Agricultural University, and now senior fishery officer of FAO Fisheries Department; Main research fields: fishery economics and aquaculture.

(3) Zhu Jian: Professor, MSc advisor of Nanjing Agricultural University and Shanghai Ocean University, currently the Director of the Scientific Research Division of Freshwater Fisheries Research Center of the Chinese Academy of Fishery Sciences, Scientist of China Agriculture Research System (Conventional Fish); Main research fields: ecological and healthy aquaculture, integrated fish farming;

(4) Liu Bo: Ph.D., Professor, PhD advisor of Nanjing Agricultural University, Master supervisor of Shanghai Ocean University, visiting scholar of Purdue University, current Director of Aquatic Diseases and Feed Research Division of Freshwater Fisheries Research Center of Chinese Academy of Fishery Sciences, National Shrimp and Crab Industry Technology System Freshwater Shrimp Nutrition and Feed Post Scientist. Main research fields: aquatic animal nutrition and epigenetic regulation; aquatic animal stress-related signal pathways and functional feed research and development; new Chinese herbal medicines and microbial preparations.

(6) Wu Wei: Professor, MSc advisor of Nanjing Agricultural University, presided over and undertook more than 40 research projects, received 18 scientific and technological awards, published more than 180 papers, and obtained 16 national invention patents; Main research fields: Pollution ecology and environmental biology, microbial ecology, risk analysis and assessment of aquatic product quality and safety, etc..

4. Materials to be prepared by the participants

	<p>In order to facilitate communication with Chinese experts, please prepare the materials related to training topics, such as: ①The current development status and existing problems in the fishery sector, including aquatic product importing and exporting in your country; ②The basis for cooperation with China and the future direction of cooperation.</p>		
Host City	Wuxi City	Cities for Cloud visit	Suzhou City, Liyang City of Jiangsu Province
Notes	<ol style="list-style-type: none"> 1. ZOOM platform will be used for online training. 2. During the training, participants are requested to abide by the schedule time and training discipline. Attendance records will be used as the basis for issuing training certificates. 3. Class preparation: Participants are required to enter the ZOOM room 15 minutes in advance. And personal name needs to be changed into English (name-country name). 4. Disciplinary requirements: During the implementation, please strictly abide by the project schedule. 5. Participants are required to prepare relevant materials for the training according to the schedule. 6. The course is equipped with online simultaneous/consecutive interpretator. 		
About the Organizer	<p>Freshwater Fisheries Research Center of Chinese Academy of Fishery Sciences (FFRC) was established in 1978. It is a comprehensive institution for fisheries research and development, combining together scientific research, teaching and training, technology transfer and information exchanges within the National Agricultural Sci-tech Renovation System. It has 8 research divisions, 5 technical practice bases and 13 technological innovative platforms such as 2 international joint laboratories; Designated Institution for Clinical Test on Fishery Medicines, MARA; Institution for Effectiveness Testing of Feed and Feed Additive, MARA; Genetic & Breeding Center for Tilapia, MARA, etc.. It is the leading institute for the Key Laboratory of Freshwater Fisheries and Germplasm Resources Utilization, and the National Technology Innovation Systems for Conventional Freshwater Fishes (CARS-46) and for Tilapia (CARS-49) of the Ministry of Agriculture. FFRC has 197 staff members, of which there are 62 professors, 11 PhD advisors and 39 MSc advisors in aquaculture sciences. Since its establishment, FFRC has been awarded with 10 national level prizes, 70 provincial or ministerial level prizes and has acquired over 300 authorized patents of invention.</p> <p>In 2014, FFRC was authorized as FAO Reference Centre for aquaculture and inland fishery research and training. In 2018, the Agriculture Minister Han Changfu and Director-General of FAO jointly issued the “China-FAO Special Contribution Agency for South-South Cooperation Reward” to FFRC. In 2021, FFRC was authorized as “China-Africa Joint Center for Modern Agricultural Technology Exchange, Demonstration and Training”. As an important component of FFRC, the Asian-Pacific Regional Research and Training Centre for Integrated Fish Farming (IFFC) has been consecutively conducting over 190 international training courses and seminars in fishery and aquaculture since 1981. These training programs covered a wide topics, such as integrated fish farming, pond fish farming, land-based aquaculture, industrialized aquaculture, technical extension, fish seed production, fish feed development, fishery environment and climate change, plan and policy for fishery development, processing technology of aquatic products, quality and safety of aquatic products, value-added fishery products development, healthy management and quarantine of aquatic animals, etc.. Up to now, over 6180 senior fisheries technical and managerial personnel from over 134 countries and regions have been trained. In 2011, it was certified with the ISO9001 Quality Management System Certificate in education and training. Meanwhile, the MSc and PhD programs were initiated in 2011 and currently 20 oversea students are studying at FFRC.</p>		

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