Seminar on Aquatic Animal Health Management and Quarantine for the Maritime Silk Road Countries

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<tr><td>Full Name</td><td colspan="3">Seminar on Aquatic Animal Health Management and Quarantine for the Maritime Silk Road Countries</td></tr>
<tr><td>Organizer</td><td colspan="3">Freshwater Fisheries Research Center of Chinese Academy of Fishery Sciences</td></tr>
<tr><td>Holding Time</td><td>July 26-August 15, 2023 (21 days)</td><td>Language</td><td>English</td></tr>
<tr><td>Invited Countries</td><td>Maritime Silk Road Countries</td><td>Planned Number of Participants</td><td>30 in total</td></tr>
<tr><td>Objectives</td><td colspan="3">To enable participants to understand the theory, practical technology, practice cases and relevant policies of aquatic animal health management and quarantine in China; Participants can apply the relevant ideology to the health management of aquatic animals in their own countries according to the learned content, and put forward relevant suggestions that are helpful to the multi/bilateral development and cooperation of fisheries in combination with the actual situation in their own countries.</td></tr>
<tr><td rowspan="3">About the Participants</td><td>Background</td><td colspan="2">——Field or major：Fishery, aquaculture, quarantine & inspection, public management and social organization
— — Position ： Fishery-related government officials, university teachers, scientific research personnel, technical personnel, extension officials, business personnel and farmers, etc.
— — Level, academic degree or other relevant qualification requirements: fishery officials or technicians</td></tr>
<tr><td>Age</td><td colspan="2">Under 50 years old for participants at director-general’s level, under 45 years old for participants at division director’s level;</td></tr>
<tr><td>Physical Health</td><td colspan="2">In good health, without diseases prohibited from entry by China’s laws</td></tr>
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		and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.
	Language	Capable of listening, speaking, reading and writing in English
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.
Course Content	1. Main content introduction (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 73 years since the founding of PRC and 45 years since reform and opening up; (2) The the Belt and Road general plan and case introduction: mainly introduce the background, co- construction principles, framework ideas, basic connotation and development process of the the Belt and Road; (3) Module 1—Healthy Culture of Aquatic animals: ——The breeding of improved aquatic animal varieties, mainly introduces China's improved aquatic variety system, healthy breeding technology of main varieties, demonstration and promotion; ——Ecological and healthy aquaculture mode, mainly introduces land-based RAS, marine industrialized aquaculture (deep-water anti-wind and anti-wave cage aquaculture, etc.), IMTA, rice-fish integrated farming, stocking enhancement fishery in large water body, the comprehensive utilization of saline alkali land for fishery and agriculture; ——Regulation and management of water environment in healthy aquaculture, mainly	

	introduces the key technologies of water quality regulation in aquaculture process; ——Green and healthy aquatic feed development and industrial development, mainly introduces the current situation and future development trend of China's high-quality aquatic feed industry; ——Aquatic animal disease prevention and control and health management, mainly introduces the prevention and control measures of aquatic animal diseases, including epidemic disease monitoring, early warning and prediction; Safe use and management of drugs; Vaccine immunization and ecological prevention and control technology; ——Aquaculture tail water treatment and technical extension, mainly introduces the aquaculture tail water treatment technology modes such as pond bottom sewage treatment, including physical (natural sedimentation, microfiltration, etc.), chemical (ozone sterilization and disinfection), biological (stocking filtering fish, purification by aquatic plants, microbial purification, etc.) ; (4) Module 2—Aquatic product inspection and quarantine technology: ——China's agriculture product (including fishery products) inspection and quarantine administration, mainly introduces China's inspection and quarantine related supervision and management system, system construction and policy implementation; ——The inspection and quarantine management of import and export aquatic animals, mainly introduces the general situation of imported/exported aquatic animals, inspection and quarantine regulations and standards, inspection and quarantine procedures, etc； ——The assessment of potential safety hazards and risk factors of aquatic products, mainly introduces the role of HACCP system in the quality and safety management mode of aquatic products; ——The major inspection and quarantine technologies of aquatic products, mainly introduces sensory inspection, physical and chemical inspection and microbiological inspection; ——The traceability system in aquatic product safety management and quality control,

	mainly introduces the risk control and quality management in the process of aquatic product culture, transportation and processing, the construction and development of the traceability system. 2. Introduction to Visit (1) It is planned to arrange for participants to visit aquatic product inspection and quarantine units, etc., to conduct exchanges on aquatic animal health management and inspection and quarantine; (2) It is proposed to invite Chinese professional aquatic product inspection and quarantine personnel to conduct exchanges with participants, so that the participants can more objectively understand the practice and results of China's aquatic animal health management and inspection and quarantine, and discuss the potential cooperation with the participants in the field of aquatic health. 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) Chen Jiazhang, Professor, Master advisor of Nanjing Agricultural University, is the

	director of Environmental Protection Research Office of Freshwater Fishery Research Center of Chinese Academy of Fishery Sciences, and executive deputy director of environmental factor risk assessment Laboratory of aquatic product quality and safety (Wuxi) of Ministry of agriculture. Main research directions: fishery ecological environment monitoring and protection, aquatic product quality and safety control technology, aquaculture environment restoration, healthy aquaculture, ecological environment evaluation, etc. (4) 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; (5) Wu Wei: Professor, MsC advisor of Nanjing Agricultural University. Main research directions: pollution ecology and environmental biology, microbial ecology, aquatic product quality and safety risk analysis and assessment, etc. (6) Meng Shunlong: Professor, PhD advisor of Nanjing Agricultural University. Currently the Deputy Director of Fishery environment protection division, Main research directions: pollution ecology and environmental biology, microbial ecology, aquatic product quality and safety risk analysis and assessment, etc. 4. Materials to be prepared by the participants In order to facilitate communication with Chinese experts, please prepare the materials related to seminar topics, such as: ① The development status and problems of aquatic animal health management; ② The future cooperation basis and direction of cooperation with China in the field of aquatic health.		
Host City	Wuxi City	Local Temperature	25-30℃
Cities to Visit	Shanghai City; Suzhou City, Jiangyin City,	Local Temperature	Suzhou City, Jiangyin City, Yangzhong City, Nanjing City of

	Yangzhong City, Nanjing City of Jiangsu Province; Guangzhou City of Guangdong Province		Jiangsu Province：25-30℃； Shanghai City: 25-30℃; Guangzhou City of Guangdong Province:25-35℃
Notes	1. Visa: Please confirm that the validity period of the visa covers the period from 5 days before the start of the project to 5 days after the end of the project. 2. Life preparation: ① Local weather conditions shall be considered when preparing for your study and life. ② A small amount of commonly used drugs shall be considered according to one's own situation. It is strictly prohibited to carry drugs that are prohibited or exceed the limit into China. ③ Please communicate with the organizer in advance if you have any questions or needs about religious belief. 3. Baggage requirements: ① Please pay attention to the standard of allowed baggage for international and domestic flights. The expenses incurred due to overweight baggage and the responsibility for flight delay caused by baggage disputes shall be borne by the individual. ② During transfer, please confirm whether the baggage should be picked up and rechecked. ③ In case of luggage lost, please call the organizer to confirm the delivery address before registering with the airline. 4. Misarrival and pickup arrangements: ① In case of any itinerary change due to unexpected facts, please inform the ECC office and organizer in time. ② Please wait patiently at the international (or domestic) arrival exit after the flight lands to pick up the baggage, and the FFRC staff will pick up the flight with the pick-up card with the name of the organizer. In case of any abnormality, please contact the contact person of the organizer in time. 5. Refund and change of flights: change the flights without permission or refund and change of flights due to personal reasons, participants have to be responsible for expenses and		

	liabilities on their own.
About the Organizer	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 Addictive, 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, 15 PhD advisors and 39 MSc advisors in aquaculture sciences. Since its establishment, FFRC has been awarded with 11 national level prizes, 80 provincial or ministerial level prizes and has acquired over 320 authorized patents of invention. 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 200 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 6780 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 60 oversea students are studying at FFRC.
Contact of the Organizer	Contact：Zhong Chunyi (Ms.); Ye Wei（Mr.） Tel：0086-510-85555796; 85555112 Mobile：0086-13301518090;15961800794 Fax：0086-510-85555796 Email：zhongcy@ffrc.cn; yewei@ffrc.cn