

Project Description

Name	Seminar on Communication Network Construction in Rural Areas for Developing Countries		
Organizer	Guizhou Academy of Sciences		
Time	Nov.2 nd —Nov.22 th , 2022	Language	English
Organizing method	Online training	Platform	Shiant International Training Platform
Invited Countries	Developing countries	Number of Participants	30
Training Objectives	Through the training, the participants can basically master the communication network related technologies, understand the relevant measures of China's communication network construction in rural areas, lay a foundation for future work, and promote cooperation and exchanges with China.		
Requirements for the Participants	Professional Background	-- Field or specialty: Computer, big data and communication industry -- Job posts: executives in enterprises, government staff, professors in universities and researchers in scientific research institutions -- Level, academic degree or other relevant qualification requirements: None --Years of working in a relevant field: Experience in a relevant field or major	
	Age	Age requirements for online projects: the age of participants should not be higher than the legal retirement age of the recipient country.	
	Health	Good health and be able to attend online training on time	
	Language	Capable of listening, speaking, reading and writing in English for lecturing	
	Others	Able to use the Shiant International Training Platform to complete the project schedule.	
Seminar Content	Commissioned by the Ministry of Commerce of the P.R. China, Seminar on Communication Network Construction in Rural Areas for Developing Countries will be held by Guizhou Academy of Sciences from Nov.2 nd —Nov.22 th , 2022. The Main Content of the seminar is as below: 1. Main Content of Seminar: (1) Introduction to communication network and current situation of communication network construction in rural areas of China: mainly introduces the basic composition, protocol system		

(25) Radio frequency identification system;

(26) Introduction to China's national conditions: introduce the basic situation of China to students through several dimensions such as history, culture, politics, diplomacy, language, and recent current affairs;

(27) China's poverty alleviation experience sharing: introduce China's experience and achievements in achieving overall poverty alleviation and moving towards a new stage of development;

(28) Sharing of China's anti-epidemic experience: Introduce China's anti epidemic experience: introducing China's experience in combating the COVID-19 and the touching stories that took place during the period.

2.Introduction of Online Training Platform

During the seminar, Shiant International Training Platform will be adopted. A combination of online lecturing, online discussion and VR cloud visiting will be adopted in the course program.

3.Introduction of part of lecturers of the seminar

Li Danning: second-level senior researcher, and a big data expert and database expert in Guizhou Province;

Chen Kai, researcher, big data expert, software engineering expert;

Li Dan, associate professor, software engineering expert;

Wang Yajie, associate professor, big data expert;

Li Yucheng, associate professor, Internet of things expert;

External experts such as:\

Zhang Peng: Professor of Tianjin University, expert in the field of video surveillance;

Zhangshenglin: Associate Professor of Nankai University, expert of video monitoring network system;

Jin Weifeng: Director of Huawei Guizhou, information network expert;

Man Yi: Doctor / Associate Professor, information network expert, Beijing University of Posts and telecommunications;

Chen Xiaofeng: CTO and information network expert of Yiyang Xintong Co., Ltd;

Zhu Youzhen: Deputy General Manager of integrated resources product line and information network expert of Yiyang Xintong Co., Ltd;

Chen Mingde: general manager of Senior Engineer / consulting department and information network expert of Yiyang Xintong Co., Ltd;

Liu Jian: China Telecom, senior engineer, information network expert;

Shuai Jie: lecturer and information network expert of Tianjin University of science and technology;

Wang Qiqi: Postdoctoral Fellow and information network expert of Tianjin University of science and technology;

Wang Licun: China Mobile, senior engineer, information network expert;

Province.

Guizhou Academy of Sciences, based in Guizhou Province, is a comprehensive demonstration area of big data in China. It has advantages over other provinces in big data application research and high-tech application demonstration. Over the past 18 years, Guizhou Academy of Sciences has always focused on computer software and hardware, network technology, cloud computing, information security and big data technology, carried out foreign aid training, accumulated a number of teaching resources, carried out close cooperation with Guizhou University, Guizhou Institute of technology, Guizhou University of Finance and Economics, Guizhou Normal University, Guizhou equipment manufacturing college and other universities, and worked with the Provincial Department of industry and information technology, the Department of education, the Department of science and technology, the Department of Commerce, the Provincial Foreign Affairs Office, the Federation of industry and commerce The Department of human resources and social security and other departments jointly guarantee the selection of field investigation sites of projects, and have business contacts with important cloud computing and big data enterprises in the province, such as aerospace cloud network, cloud Beidou, cloud Guizhou, etc. front-line teachers and investigation and visit sites can be arranged.

Guizhou Academy of Sciences has 16 scientific research institutes, including Provincial Institute of new technology, Provincial Institute of electronics, provincial Electromechanical Research and Design Institute and guike big data research institute. The hospital has nearly 1200 employees. It has built a large pilot base in shawen, Guiyang, and carried out application bases such as 3D printing technology, LIMS laboratory platform management and intelligent manufacturing technology application. In recent years, in order to accelerate the informatization work, our institute has established a new scientific research institution: guike big data research institute, which comprehensively accelerates the development of data enabling and innovation driven. Focusing on the existing data resources and technical advantages, we have built a number of excellent cloud platform applications such as ecological cloud, building materials cloud, chemical security cloud, smart agriculture cloud and smart tourism cloud.

Guizhou Province has obvious late development advantages. Its experience of using information technology to achieve rapid development can provide reference and reference for more developing countries. As the only comprehensive scientific research institution in Guizhou Province, Guizhou Academy of Sciences has the concept and technical achievements of integrating industry, University and research, which is more conducive to the realization of the purpose of setting up foreign aid training projects. At present, the Institute has established friendly relations based on foreign aid training, established cooperative relations with universities and scientific research institutions in Laos, Pakistan, Sri Lanka, Cuba, Panama, Dominica, Venezuela, Ghana, Nigeria and other countries, and carried out various forms of

Training Course on Fish Disease Prevention&Control and Quality&Safety Control for Developing Countries Project Description

Full Name	Training Course on Fish Disease Prevention&Control and Quality&Safety Control for Developing Countries		
Organizer	Freshwater Fisheries Research Center of Chinese Academy of Fishery Sciences		
Holding Time	November 9-December 8, 2022 (30 days)	Language	English
Invited Countries	Developing Countries	Planned Number of Participants	25 in total
Objectives	To enable participants to understand China's advanced concepts, practical technologies, successful cases, and related policy support, especially China's successful experience of fish disease prevention and control technology; participants can apply practical technology to their own fisheries production based on what they have learned, and it is helpful to combine their own country's actual conditions, and be able to put forward relevant suggestions that help fishery development and bilateral cooperation based on their own country's actual conditions.		
About the Participants	Background	——Field or major: fishery, aquaculture or any related with biology —— 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: fishery technician	
	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 follow the schedule throughout the whole course.	
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 reform and opening up;</p> <p>(2) International cooperation of Covid-19 prevention and control: mainly introducing China's contribution in the foreign-aid and international cooperation against Covid-19;</p> <p>(3) Module 1—Fish disease prevention&control & healthy aquaculture:</p> <p>—— The breeding of improved aquatic varieties, mainly introduces China's improved aquatic variety system, healthy breeding technology of main varieties, demonstration and promotion;</p> <p>—— 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;</p> <p>—— Regulation and management of water environment in healthy aquaculture, mainly introduces the key technologies of water quality regulation in aquaculture process;</p> <p>—— Technologies for disease prevention and control of aquaculture species, mainly introduces aquatic disease detection technologies, bioengineering vaccines, and green fishery medicine products, which enables participants to learn practical technologies and apply relevant experience to their domestic fishery production practices.</p> <p>—— Aqua-feed additives and healthy production of aquatic products, mainly introduces China's green and environmentally friendly aquatic feed innovation technologies, including enzyme technology and microbial fermentation technology, so as to achieve the goal of precise nutrition and increase the utilization rate of aqua-feed.</p> <p>—— Drugs application and management in aquaculture, mainly introduces the research and development of new aquaculture drugs and its safe use, effect evaluation, enabling the participants understand the development process and future direction.</p> <p>(4) Module 2—Quality&safety control of aquatic products:</p> <p>—— Current situation of aquatic product quality and safety management in China, mainly introduces quality&safety control of the key links for aquatic product production, such as processing, packaging, storage and circulation. Participants can have a further understanding of the current situation of aquatic products quality and safety development in China.</p> <p>—— Aquaculture product quality and safety management system, mainly introduces the relevant laws, regulations and policies issued by different provinces and regions in China on the supervision of aquatic product quality and safety.</p> <p>—— Aquaculture product quality and safety management measures and control technologies, mainly</p>		

Organizer	<p>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>
Contact of the Organizer	<p>Contact: Ye Wei (Mr.) Tel: 0086-510-85555112 Mobile: 0086-15961800794 Fax: 0086-510-85555112 Email: yewei@ffrc.cn</p>