

# Seminar on Agricultural Technology Extension System

## Construction and Management

### Project Description

Full Name	Seminar on Agricultural Technology Extension System Construction and Management		
Organizer	National Agricultural Technology Extension and Service Centre		
Holding Time	June 22 <sup>th</sup> to June 28 <sup>th</sup> , 2022	Language	English
Invited country	Developing countries	Planned Number of Participants	35
Target	<p>1. To understand the current situation and trend of Agricultural Technology Extension System in China and other countries, including the development trend of related agricultural technology;</p> <p>2. To understand the practices and experiences of China's agrotechnical extension system construction, especially in strengthening legal protection, carrying out institutional reform, stabilizing the extension team, and guaranteeing the extension funds.</p> <p>3. To be familiar with the service methods and modes of agricultural technology extension suitable for small farmers in China;</p> <p>4. To understand China's agricultural development policy and the development of production technology and products suitable for small farmers in China;</p> <p>5. To be able to put forward suggestions and preliminary plans for the construction, management and application of extension methods of Agricultural Technology Extension System for their own countries.</p>		
Requirements of Participation	Academic Background	<p>- Field or major: Personnel involving in agriculture from government service, extension agencies, university and college, research institute, enterprises in Pakistan</p> <p>- Position: Government and private departments</p>	
	Age	No older than statutory retirement age of recipient country	
	Physical Health	Be able to attend online training courses on time.	
	Language Ability	Capable of listening, speaking, reading and writing in English	
	Others	Use ZOOM platform to keep up with the project schedule.	
Training Contents	<p><b>1. Introduction of main seminar contents</b></p> <p>(1) Overview of China's national conditions: for the introduction of China's geography, politics, economy and culture, help foreign countries learn the basic knowledge of China, and introduce the background for the next training.</p> <p>(2) Overview of China's Agriculture: as a large agricultural country, this lesson introduces China's "three rural" issues and China's agricultural development.</p>		

(3) China's experience in fighting COVID-19 and maintaining agricultural production growth: introducing China's measures and effects in the COVID-19 period, and China's experience in maintaining agricultural production during the epidemic.

(4) China's Agricultural Technology Extension System: mainly introduces the general situation and development experience of China's agriculture, as well as the composition, working mechanism, working experience and Enlightenment of China's agricultural technology extension system.

(5) China's agricultural mechanization technology promotion: introduce the development of China's agricultural machinery industry and its application in agriculture, with emphasis on China's experience and achievements in developing agricultural mechanization.

(6) Vegetable planting and facility agriculture technology promotion: This course focuses on the historical process, experience and achievements of China's development in vegetable planting and facility agriculture, as well as suggestions on cooperation with developing countries in vegetable planting and facility agriculture.

(7) Application of microbial technology in agriculture: This course focuses on the historical process, experience and achievements of the development of microbial technology in agriculture in China, as well as the cooperation suggestions with developing countries on the application of microbial technology in agriculture.

(8) Promotion of agricultural green prevention and control technology: This course focuses on the historical process, experience and achievements of the development of China's agricultural green prevention and control technology promotion, as well as cooperation suggestions with developing countries in the promotion of agricultural green prevention and control technology.

(9) Agricultural technology popularization of food crops: This course focuses on the historical process, experience and achievements of the development of agricultural technology popularization of food crops in China, as well as suggestions on cooperation with developing countries in food crop production

(10) Opportunities and challenges of international cooperation in agricultural technology extension between China and developing countries: This course focuses on the process, experience and achievements of international cooperation in agricultural technology extension between China and developing countries, as well as suggestions on international cooperation in agricultural technology extension with developing countries.

(it takes 7 days, two lectures per day except the weekend, 10 lectures in total)

## **2. Overall introduction of the speakers**

(1) Dr. Peng Bowen: associate researcher of the foreign economic center of the Ministry of agriculture and rural areas, has long been engaged in the research of agricultural foreign cooperation.

(2) Prof. Wang Su: researcher of Plant Protection Institute of Beijing Academy of agricultural and Forestry Sciences, has been engaged in the research of green plant protection technology for a long time.

(3) Dr. He Yan: Professor of the national corn improvement center of China Agricultural University. His research direction is corn breeding and planting technology.

(4) Prof. Yang Hong: researcher, Institute of pesticide control, Yunnan Provincial Department of

	<p>agriculture. His research direction is tropical fruit pest control technology.</p> <p>(5) Prof. Wang yingkuan: researcher of the planning and Design Institute of the Ministry of agriculture and rural areas. His research direction is agricultural mechanization.</p> <p>(6) Prof. Wei Liang: Deputy Director of the international exchange center of the Ministry of agriculture and rural areas, has long been engaged in agricultural international cooperation.</p> <p>(7) Prof. Ma Chao: Beijing Agricultural Technology Extension Station, has been engaged in Grass-roots Agricultural Technology Extension.</p> <p>(8) Prof. Chen Baodong: researcher of the ecological center of the Chinese Academy of Sciences, has long been engaged in microbial agricultural application research.</p> <p>(9) Prof. Cheng Yingguo: chief expert of the National Agricultural Technology Extension Service Center, who has been engaged in the technical extension of grain crops for a long time.</p> <p>(10) Mr. Sun Zhao: National Agricultural Technology Extension Service Center, senior agronomist, research direction is agricultural technology international cooperation.</p> <p><b>3. Materials to be prepared by the participants</b></p> <p>In order to facilitate the exchange with Chinese experts, please prepare materials related to the research topics, such as: ① self introduction of your specialty and department; ② main problems encountered by your country in agricultural development; ③ basic information of cooperation with China, etc.</p> <p><b>4. Completion test / assessment</b></p> <p>A paper or thesis and the attendance rate will be used to evaluate the performance of the participants.</p>		
Host City	Beijing	Cities to Visit	--
Notes	<p>1. Responsibilities and obligations: The trainees as representatives of the government and people of their country, should be responsible for their actions and performance, abide by Chinese laws and relevant regulations of the seminar and perform corresponding obligations.</p> <p>2. Disciplinary requirements: During the implementation of the project, please strictly abide by the project schedule, do not arrange activities unrelated to the seminar without authorization, please do not withdraw from the seminar without reasons and attending the seminar on time.</p>		
About the Organizer	<p>National Agricultural Technology Extension and Service Centre (NATESC) is a governmental organization affiliated to the Ministry of Agriculture. It is composed of 22 divisions with more than 120 staffs. The major responsibilities of NATESC are: to introduce, field-test, demonstrate and extend the important technologies (such as crop cultivation, soil improvement, scientific fertilization, water-saving agriculture, pest management and safe-use of pesticides) and improved varieties nationwide; to be responsible for plant quarantine management, registration testing and approval of crop varieties, seed market supervision; to organize monitoring and prediction of crop pest occurrence dynamic and farmland soil moisture content; to carry out quality supervision and testing of seeds, soil and fertilizers nationwide; to guide establishment of national crop extension system and vocational skill certification; to implement extension programs; to organize international exchanges and cooperation programs for crop production; and to guide operation of the affiliated associations.</p> <p>NATESC is very experienced in implementing China-aid training programs. From 2002 to</p>		

	<p>2021, NATESC has successfully completed more than 70 seminars and training courses. Totally 1700 participants who came from over 70 countries in Asia, Africa, Europe and Latin America attended the programs. Training subjects included agricultural technology extension system management, seed production and management, balanced fertilization, pest control, water-saving planting, crop cultivation technology, hybrid rice technology, tropical crop, agricultural biotechnology application etc. NATESC has successfully organized and accomplished all the China-aid international training projects, and won appreciation from participants and related units thanks to the excellent cooperation and full dedication of numerous outstanding experts from NATESC and other agencies.</p>
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