

## Seminar on Climate Change and Agricultural Sustainable Development for Developing Countries

|  |   |   |         |
|--|---|---|---------|
| Program                                | Seminar on Climate Change and Agricultural Sustainable Development<br>for Developing Countries  |   |         |
| Organizer                              | Yangling International Exchange Center of Agricultural High-tech Industry Demonstration<br>Zone   |   |         |
| Time                                   | November 16 - December 6,<br>2022   | Language  | English |
| Countries<br>invited                   | Developing countries  | Number of<br>participants   | 25      |
| Training<br>Objectives                 | This seminar introduces China's successful experiences and practices in ecological construction, environmental protection and sustainable agricultural development. In the program, participants from various countries will be organized to conduct thematic seminars, discuss cooperation intentions, establish a platform for exchange between China and developing countries as well as business experts, provide useful reference for other developing countries, and at the same time promote consensus with various developing countries, enhance technology application, form a joint effort of developing countries to address climate change and ecological environmental protection. Help to promote international climate change and ecological protection projects. Solid foundation will be set up for achieving mutual benefits and win-win situation, as well as sustainable development.   |   |         |
| Requirements<br>for participants       | Professional<br>background  | Field or specialty: climate change and public meteorology, environmental protection, agricultural economic management, etc.<br>Positions: Divisional officers and technical staff, etc. |         |
|  | Language<br>ability   | Trainees should have the ability to listen, speak, read and write English, the working language of the project.   |         |
|  | Others  | Use the ZOOM meeting platform and complete the training schedule.   |         |
| Introduction of<br>training<br>content | 1. Introduction of the main training courses<br>This seminar mainly includes general courses, lectures and workshop. The general course mainly introduces the national conditions of China and the experience of Chinese pandemic prevention and control. The lectures are combined with the theme of the training course to introduce the ecological restoration and climate change in western China, policies and major measures for action against climate change, sustainable agricultural development, and facility agriculture.<br>(1) China's national conditions: Introduce Chinese history and folk culture.<br>(2) Chinese Culture: Introduction to the branches, development, and essence of Chinese culture and its influence on neighboring countries.<br>(3) Origin and Environment of Loess Plateau: Introduces the natural environment and soil and water conservation of Loess Plateau, the theory and practice of domestic and foreign cooperation in managing Loess Plateau, etc.<br>(4) Ecological Restoration and Climate Change Trends in Western China: Introduction to the impact of climate change on climate and agricultural production in western China, with emphasis on countermeasures.<br>(5) Climate Change and Soil Quality Improvement and Sustainable Agricultural Development: |   |         |

|  |   |
|--|---|
|  | <p>Introduces the conservation and utilization of agricultural natural resources and the protection and management of ecological environment in the context of climate change.</p> <p>(6) Climate Change and Sustainable Agricultural Development: Introduction to the identification and attribution of climate change impacts on agriculture, identification of agricultural disasters under the influence of extreme weather, scientific understanding and technical development practices of disaster mechanisms and prevention and mitigation approaches.</p> <p>(7) China's policies and major measures to address climate change: Introduce the action policies taken by China to address climate change, share experiences through case studies, and show practical achievements.</p> <p>(8) Sustainable development of facility agriculture: Introduce the superior conditions of facility agriculture and the current situation and characteristics of facility agriculture development, analyze the cases of sustainable development of facility agriculture, and provide reference for sustainable agricultural development.</p> <p>(9) Land desertification in arid and semi-arid regions due to climate change - the latest management model and effectiveness: Introduce the causes of land desertification in arid and semi-arid regions, the management model and the results achieved, and summarize the lessons that can be learned.</p> <p>(10) Theory and practice of domestic and foreign cooperation in the management of Loess Plateau: Through typical case analysis, the theories and practical applications on the management of Loess Plateau at home and abroad are elaborated, and relevant experiences are learned.</p> <p>2. Lectures</p> <p>Participants will be invited to make national reports on climate change and sustainable agricultural development in their own countries. Renowned experts in related fields will be invited to host the seminars and discuss with participants the measures that can be taken by countries to cope with climate change and ensure sustainable agricultural development.</p> <p>3. Introduction of workshop</p> <p>Representatives of enterprises in the province or the region are invited to participate in exchange talks, and representatives of trainees or enterprises from participating countries are also invited to participate in exchanges and discuss opportunities for international cooperation in the agricultural industry.</p> <p>Note: The above course content arrangement is subject to the actual schedule.</p> <p>Teaching method: Online.</p> <p>Lecture time: In principle, two lectures or seminars are scheduled for each working day, each lasting two hours.</p> <p>4. Introduction of the lecturers</p> <p>The lecturers are mainly from Chinese Academy of Sciences, Academy of Agricultural Sciences, Northwest Agriculture and Forestry University, Xi'an Jiaotong University, and key members of the project team. The lecturers have rich research and practical experience in climate change and sustainable development of agricultural industry, and can ensure high quality and efficient completion of teaching.</p> <p>5. Materials to be prepared by participants</p> <p>In order to facilitate the exchange of ideas, participants should prepare materials related to the theme of the seminar, such as: (1) basic national conditions: basic information on the national</p> |
|--|---|

|                                |  |
|--------------------------------|--|
|                                | <p>conditions, climate change in the country, and the current situation of agricultural industry development; (2) introduction to relevant industries: introduction to the development of agricultural industries in the country, sustainable development of agriculture, and suggestions for international cooperation, etc.</p>  |
| Remarks                        | <p>1. Disciplinary requirements: During the implementation of the program, please strictly abide by the program schedule and do not arrange activities not related to the training without permission or withdraw from the training without reason. During the teaching period, please observe the teaching time and discipline, and the attendance record will be an important basis for issuing the training completion certificate. Please enter the ZOOM classroom 5 minutes early to prepare for the class. Change your personal name to English (same as your passport) name. The facilitator will mute everyone during the class. When entering the room to prepare for the class, please ask the participants to turn on the video function to facilitate the roll call.</p> <p>2. This training uses the ZOOM platform for online training, so you need to have internet, computer, microphone, camera and other related equipment.</p> <p>3. If there are any religious taboos, please communicate with the organizer in advance.</p> <p>4. Information security: To protect information security and personal privacy, please do not record, take screenshots or share to any social media during the course. Course materials will be sent to participants after the class.</p> <p>5. Participants are required to prepare seminar materials according to the seminar exchange schedule and submit relevant electronic materials as required.</p> <p>6. The course is equipped with English and Chinese consecutive interpretation.</p>  |
| Introduction of the Organizer: | <p>As the first national agricultural high-tech industry demonstration zone in China, Yangling Demonstration Zone has undertaken international exchange and cooperation as one of its national missions. Foreign aid training is an important way to carry out international exchange. In August 2011, the Ministry of Commerce established the China Dry Crop Agricultural Technology Training Base in Yangling, which main function is to provide foreign human resource training for developing countries.</p> <p>At present, 133 foreign aid training programs for developing countries have been held in Yangling Demonstration Zone, with training topics covering cooperation in agricultural industry, poverty reduction, soil and water conservation, dry farming, modern agricultural economic management, and environmental regulation of agricultural production in dry areas, etc. A total of more than 3,300 trainees from more than 110 developing countries have participated in training in Yangling. Through training and exchange, Yangling Demonstration Zone has established cooperation with more than 60 countries around the world. Experts from Yangling Demonstration Zone have participated in many foreign aid projects of developing countries such as Ethiopia, Egypt, Cameroon, Sudan and Eritrea, providing technical support for local agricultural development and playing an important role in promoting the development of modern agriculture in local areas.</p> <p>As the first national agricultural high-tech industry demonstration zone in China, Yangling is one of the areas with the greatest concentration of innovation factors such as agricultural science and technology, talents and resources, gathering more than 70 disciplines such as agriculture, forestry and water, and more than 7,000 talents in agricultural science and education. In recent years, Yangling Demonstration Zone has carried out in-depth research in basic agricultural fields such as crop breeding, environmental regulation of agricultural production, soil and water</p> |

|         |  |
|---------|--|
|         | <p>conservation, etc. Universities and research institutions in the region have cooperated extensively with research institutions in a wide range of developing countries such as Pakistan and Kenya, and have conducted in-depth discussions on common challenges facing agricultural production in developing countries, providing a broad basis for exchange and cooperation in the agricultural field.</p> <p>Holding climate change workshops for developing countries in Yangling can give full play to Yangling's advantages in this field, train talents for sustainable agricultural development of related countries, and contribute to the cooperation between China and related countries in sustainable agricultural development.</p> |
| Contact | <p>Contact Person: Ms. Li Na (Ms.) / Ms. Zhou Yanling (Ms.)</p> <p>Office phone: 0086-29-87036061</p> <p>Mobile: 0086-15686086925 (Li) /0086-18191581510 (Zhou)</p> <p>Fax: 0086-29-87036061</p> <p>Wechat: 15686086925 (Li) /18191581510 (Zhou)</p> <p>E-mail: iec2014@163.com</p>  |