



**ANSO Online Open Conference
&
The Third International Science Forum on the Belt and
Road Initiative**

Session 2: Agriculture and Food Security

**(4th China (Sanya) International Rice Forum and the Belt
and Road Food Security Corridor Forum)**

1. Background

The Alliance of International Science Organizations (ANSO) is a non-profit and non-government international scientific organization founded in 2018 by 37 international science and education organizations around the world. It is committed to promoting shared sustainable development and the advancement of the UN Sustainable Development Goals through promoting and implementing concrete international cooperative initiatives in Science, Technology, Innovation and Capacity Building.

The 2nd ANSO General Assembly (GA) scheduled in May 2020 was postponed due to the worldwide outbreak of COVID-19. Discussed and agreed by the ANSO Governing Board (GB) during its 3rd annual meeting on 9th Nov. 2020, the 2nd ANSO GA was re-scheduled in 2021, and a series of topics focused online meetings was proposed by the Russian Academy of Sciences and will be co-organized with ANSO Members and Partners. These topics include 1) Climate Change and Its Impact, 2) Public Health and Food Safety, 3)

Agriculture, 4) Biodiversity, 5) Fundamental Science and Higher Education, 6) Ecology and Green Technology, and 7) Innovation and Tech-Transfer.

2. About this Session

The United Nations has set ending hunger, achieving food security and improved nutrition, and promoting sustainable agriculture as the second of its 17 Sustainable Development Goals (SDGs) for the year 2030. The global food security challenge is straightforward: by 2050, the world must feed two billion more people, an increase of a quarter from today's global population. The growing population has no doubt aggravated the burden to achieve such a goal. Climate change, water scarcity and COVID-19 also make things more complicated, especially in developing and least developed countries. General consensus has emerged on the increasing productivity while ensuring efficient use of resources.

Since food security is no longer just about adequate of supply and accessibility, it also includes quality of food. Rice, being one of the three major food crops in the world, is a main staple food in more than 100 countries around the world, especially in Asia. In this ANSO workshop, we are going to address how to produce nutritious rice with high productivity to satisfy the demand of rice-consuming countries by new technologies.

This workshop is also set up as a parallel session of “The 4th China (Sanya) International Rice Forum and the Belt and Road Food Security Corridor Forum” held in Sanya on April 21-23 2021. ANSO, the People's Government of Sanya City, the Bureau of International Cooperation of Chinese Academy of Sciences, Organizing Committee of China (Sanya) International Rice Forum and other organizations jointly organized this workshop.

3. Date and Time

23 April 2021

8:30 a.m. - 5:30 p.m. (Beijing Time, GMT+8)

4. Live Streaming

In English:

<https://as.alltuu.com/album/1115200208/?from=link>

In Chinese:

<https://as.alltuu.com/album/1126715479/?from=link>

5. Topics of the Workshop

- 1) New technology for hybrid rice
- 2) Agricultural biotechnology and biosafety
- 3) National and International strategy for food security
- 4) International cooperation in agriculture

6. Agenda of the Webinar

Beijing Time (GMT+8)	Topic	Speaker
08:30-09:00	Opening Ceremony	1. Video 2. Opening Remarks
09:00-09:30	China's Food Security Strategy	CHENG Guoqiang Member, National Food Security Policy Expert Advisory Committee Professor, Renmin University of China
09:30-10:00	Research Progress and Innovation Development of Hybrid Rice Breeding in China	XIE Hua'an Academician, Chinese Academy of Sciences Professor, Fujian Academy of Agricultural Sciences
10:00-10:30	ANSO Mission and International Cooperation	CAO Jinghua Executive Director of ANSO Secretariat

10:30-11:30	Development of Agricultural Biotechnology R&D and Biosafety Strategy	ZHU Zhen Professor, Institute of Genetics and Development Biology, Chinese Academy of Sciences
11:30-12:00	Problems and Thinking of International Cooperation in Agriculture	FENG Feng Executive Deputy Dean of the Department of Modern Agriculture, University of Chinese Academy of Sciences
14:00-14:30	The New Path of Global Food Security under the China-U.S. Food Strategy	SU Ruina Associate Professor of Party School of the Nanjing Municipal Committee of C.P.C Guest Lecturer of Nanjing University Part-time Researcher of Southeast University
14:30-15:00	Successful Practice and Development Trend of Super Rice Breeding in China	DENG Huafeng Vice President of Hunan Academy of Agricultural Sciences Researcher, National Research Center for Food and Food Security
15:00-15:30	Research Progress and Industrialization Development of Saline-Alkali Tolerant Rice	LI Jiming Distinguished Expert of the “Thousand Talents Plan” of the Organization Department of the CPC Central Committee Deputy Director of Qingdao Sea Rice Research and Development Center
15:30-16:00	Belt and Road Rice Breakthrough Variety Cultivation and Industrialization Development	LIN Qingshan Member of the Rice Expert Steering Group of the Ministry of Agriculture and Rural Affairs Chief Expert and Researcher of Guangdong Agricultural Technology Extension Center
16:00-16:30	Problems and Development Strategy of Pakistan’s Rice Research, Production and Industry	Muhammad Ashraf Visiting Scholar from Pakistan

16:30-17:00	Jointly Build the Belt and Road Food Security Corridor and Share the Belt and Road Food Security Achievements	<p>TU Shengbin Associate Professor, Chengdu Institute of Biology, Chinese Academy of Sciences Secretary General of ANSO-RWIT</p>
17:00-17:30	Progress and Development Trend of China-Africa Cooperation in Rice Field	<p>XU Yuanfang Distinguished Expert of China-Africa Green Agriculture Development Research Cooperation Center</p>

7. Co-organizers

Alliance of International Science Organizations (ANSO)
The People's Government of Sanya City
Bureau of International Cooperation, Chinese Academy of Sciences
Department of Agriculture and Rural Affairs of Hainan Province
Department of Sciences and Technology of Hainan Province
China National Rice Research Institute
China National Hybrid Rice R&D Center

8. Contact

Ms. Yuhuan Geng
Chengdu Institute of Biology, Chinese Academy of Sciences
ANSO-RWIT Secretariat
Email: 1256088634@qq.com