



**SECRETARIAT OF THE CONFERENCE ON INTERACTION
AND CONFIDENCE BUILDING MEASURES IN ASIA**

**СЕКРЕТАРИАТ СОВЕЩАНИЯ ПО ВЗАИМОДЕЙСТВИЮ
И МЕРАМ ДОВЕРИЯ В АЗИИ**

№ 14-7/504

The Secretariat of the Conference on Interaction and Confidence Building Measures in Asia (CICA) presents its compliments to the CICA Member States and, in continuation of the Secretariat's Note Verbal N 14-7/213 dated 19 April 2021 and Note N 14-7/419 dated 2 July 2021, has the honour to communicate the following.

In accordance with para. 12 of the Economic Section of the CICA Plan on Implementation of Confidence Building Measures for 2021, the People's Republic of China, as the Coordinator of Confidence Building Measures in Agriculture, will hold a second online seminar on "Smart Agriculture Application and Development".

*Enclosure:
as stated, on 9 p.*

The online seminar will be hosted by the Huazhong Agricultural University on 18-19 August 2021.

The Secretariat has the honour to forward herewith the concept paper and program of the event, including technical guidelines for joining the seminar and registration forms for the participants.

The CICA Secretariat and the Huazhong Agricultural University would highly appreciate additional dissemination of this information among the state bodies and scientific centers of the CICA Member States specializing in the field of agriculture.

The Secretariat avails itself of this opportunity to renew to the CICA Member States the assurances of its highest consideration.

Nur-Sultan, 13 August 2021

**MEMBER STATES
OF THE CONFERENCE ON INTERACTION AND
CONFIDENCE BUILDING MEASURES IN ASIA**





**SECRETARIAT OF THE CONFERENCE ON INTERACTION
AND CONFIDENCE BUILDING MEASURES IN ASIA**

**СЕКРЕТАРИАТ СОВЕЩАНИЯ ПО ВЗАИМОДЕЙСТВИЮ
И МЕРАМ ДОВЕРИЯ В АЗИИ**

№ 14-7/504

Секретариат Совещания по взаимодействию и мерам доверия в Азии (СВМДА) свидетельствует свое уважение государствам-членам СВМДА и, в продолжение нот Секретариата N 14-7/213 от 19 апреля 2021 г., и N 14-7/419 от 2 июля имеет честь сообщить следующее.

В соответствии с п.12 Экономического раздела Плана реализации мер доверия СВМДА на 2021 г., Китайская Народная Республика в качестве Координатора мер доверия в области сельского хозяйства проведет второй семинар по теме «Использование и развитие «умной агрономии».

Онлайн - семинар будет проведен на базе Хуажонгского агрокультурного университета 18-19 августа 2021 г.

Секретариат имеет честь препроводить Концепцию и Программу семинара, включая техническое руководство для подключения, а также регистрационные формы для участников мероприятия.

*Приложение:
упомянутое,
на 9 л.*

Секретариат СВМДА и Хуажонгский Агрокультурный университет были бы весьма признательны за дополнительное распространение этой информации среди государственных органов и научных центров государств-членов СВМДА, специализирующихся в области агрономии.

Секретариат пользуется случаем, чтобы возобновить государствам-членам СВМДА уверения в своем весьма высоком уважении.

город Нур-Султан, 13 августа 2021 г.

**ГОСУДАРСТВА-ЧЛЕНЫ СОВЕЩАНИЯ ПО
ВЗАИМОДЕЙСТВИЮ И МЕРАМ ДОВЕРИЯ В
АЗИИ**



Азиядағы өзара іс-қимыл және сенім шаралары кеңесінің (АӨСШК) Хатшылығы АӨСШК мүше мемлекеттеріне өз ілтипатын білдіреді және Хатшылықтың 2021 жылғы 19 сәуірдегі № 14-7/213 нотасына және 2021 жылғы 2 шілдідігі № 14-7/419 нотасына қосымша ретінде келесіні хабарлауды өзіне мәртебе санайды.

АӨСШК-тің 2021 жылға арналған сенім шараларын жүзеге асыру жоспарының экономикалық бөлімінің 12 тармағына сәйкес Қытай Халық Республикасы ауылшаруашылық саласындағы сенім шараларының үйлестірушісі ретінде «Ақылды агрономияны» қолдану мен дамыту» тақырыбында екінші семинарды өткізетін болады.

Қосымша:
аталған 9 н.

Аталмыш онлайн семинар Хуажонг ауылшаруашылық университетінде 2021 жылғы 18-19 тамыз аралығында өтеді.

Хатшылық аталмыш семинарға қатысты тұжырымдамасы мен бағдарламасын, сонымен қатар қосылу бойынша техникалық ақпаратты мен қатысушыларға арналған тіркеу формаларды жолдауды өзіне мәртебе санайды.

АӨСШК Хатшылығы мен Хуажонг ауылшаруашылық университеті мүше мемлекеттерден аталмыш ақпаратты АӨСШК-ке мүше мемлекеттерінің ауылшаруашылық саласындағы уәкілетті мемлекеттік органдар мен ғылыми орталықтарға жолдайды сұрайды.

Хатшылық осы мүмкіндікті пайдалана отырып, АӨСШК мүше мемлекеттеріне өзінің зор ілтипатын тағы да растайды.

Нұр-Сұлтан қаласы, 2021 жылғы 13 тамыз

**АЗИЯДАҒЫ ӨЗАРА ІС-ҚИМЫЛ
ЖӘНЕ СЕНІМ ШАРАЛАРЫ КЕҢЕСІНІҢ
МҮШЕ МЕМЛЕКЕТТЕРІ**

Concept Paper

Smart agriculture has become a current major trend of world modern agriculture, and promoting the development of smart agriculture is an important strategic foundation of agricultural sustainability. To promote agricultural cooperation within the CICA framework, strengthen agricultural exchanges among CICA's member states and promote the agricultural development of these countries, the People's Republic of China will host "CICA Smart Agriculture Application and Development Seminar (Phase II)", and hereby invites your country to send delegates to the seminar. Details are as follows:

I. Date & Venue

The seminar is scheduled to take place from August 18 to 19. The sessions from August 18 to 19 will be held online in Wuhan, Hubei Province.

II. Host & Organizer

Host: Ministry of Education of the People's Republic of China

Organizer: Huazhong Agricultural University

III. Requirements

Please send staff members (number not limited) meeting the following requirements to the sessions from August 18 to 19:

- (i) Agricultural officials of government departments, staff of agricultural research institutes or staff of agricultural enterprises in your country;
- (ii) Holding PhD degrees or having more than 5 years of experience in agricultural research or management;
- (iii) Being proficient in spoken English.

Please send the Registration Form (Annex 1) to the contact by registration link or e-mail **prior to August 15, 2021**, and send a carbon copy to the Chinese embassy/consulate in your country. If you fail to do within the time limit, you should be deemed to have given up the opportunity.

IV. Working Language

English

V. Training

The training will create an exchange, sharing and cooperation platform for relevant sides, introduce China's practices and research experience in the field of smart agriculture, demonstrate China and Wuhan's new ideas and outcomes of smart agriculture development, share member states' experience in smart agriculture research and application, and accomplish the sound development of inter-regional agricultural technology exchanges.

Based on the above, topics of the training are as follows:

- (i) Biological Big Data and Smart Breeding

Collection, deposition, and mining of biological big data at the multi-omics levels for cells, organs/tissues, individual, and population of species. Systematically dissection the genetic and molecular mechanisms underlying the variation of agronomic traits, high throughput genomic selection, and synthetic design of new species or cultivars for future breeding to optimize human needs in agriculture.

(ii) Smart Equipment and Smart Production

Internet of things, big data, cloud computing and other technologies in the management and application of smart agriculture before, during and after production.

(iii) Agricultural Big Data and Agricultural decision model

Collection, deposition, and mining of agricultural big data at themacro, meso, microlevels, which can be accessed by satellite remote sensing, Hyperspectral sensing, radar etc.

Construction of intelligent decision support system, development, integration and application of tools such as farmers' decision model, agricultural policy simulation model, crop growth model, etc.

(iv)Smart-Agriculture Roundtable Exchange

Exchange your agricultural issues, questions, needs and ideas with all experts in smart agriculture. Warmly welcome you to participate in this roundtable exchange and find out some collaborative programs in future.

Each trainee will receive a certificate of completion after finishing all three phases of training.

VI. Training Platform

(i)Live Seminar Platform: VOOV Meeting

(ii)Registration: confirm participation in the meeting, You must register according to the steps below in advance.

● Enter the website: <https://voovmeeting.com/>

● Download and install the software "voovmeeting"

● Use your phone number to create a new account

● Type in your number, then you will receive a message with a code for verification, then type in the code and you will login in.

(iii) Videoconferencing Testing:

16:00 PM-18:00 PM(Beijing Time,GMT +08:00) on August16 and August17, 2021

Join the conference room:<https://meeting.tencent.com/s/wt9DEO4vw8oN>

Room ID: 878 789 536 Passcode:105046

(iv)Connecting to Videoconferencing:

11:20 AM-19:30 PM (Beijing Time,GMT+08:00) on August 18, 2021 (China Time)

11:00 AM-19:30 PM (Beijing Time,GMT+08:00) on August 19, 2021 (China Time)

Join the conference room:<https://meeting.tencent.com/s/clrNcnReguNd>

Room ID: 521 392 368 Passcode:105046

VII. Training Expenses

The seminar is free of charge. Trainees should bear all the expenses incurred by the online session.

VIII. Contact Information

College of Education and Training, Huazhong Agricultural University

Contact: Xu Liqiong

Tel: +86-027-87281870

Fax: +86-027-87286931

E-mail: xkjs@mail.hzau.edu.cn

Annex 1: Registration Form

Annex 2: Schedule

Huazhong Agricultural University

June 28, 2021

附件 Annex 1

Registration FORM for CICA Smart Agriculture Seminar 报名表



(number not limited)

15 August 2021,18:00 by Beijing Time (GMT+08:00)

(scan for registration)

No. 序号	Member State 成员国	First Name 名	Family Name 姓	Organization 工作单位	Position 职务	Title of presentation (if applicable) 交流题目	Whether present your talk with Powerpoint or just oral? (if applicable) 交流形式	Cooperation Demand (if applicable) 合作需求	Email 电邮	Mob 手机	N.B. 备注
1											
2											
3											
4											
5											
...											

N.B. please fill in CAPITAL LETTERS and ensure the information on the Nomination Form is accurate. and send the registration information by registration link: <https://www.wjx.cn/vj/YFjXwJB.aspx> or scan the QR code in the upper right corner to register or return this registration form no later than 15 August 2021 to xkjs@mail.hzau.edu.cn.



CICA

**the CICA Smart Agriculture Application
and Development Seminar (Phase II)**

Training Guide

Huazhong Agricultural University

August, 2021

Schedule for the CICA Smart Agriculture Application and Development Seminar (Phase II)

Wuhan, China

August 18-19, 2021

Date	Beijing Time (GMT+08:00)	Speaker and Title	
	11:20-11:30	Opening Ceremony	Host: A leader of Huazhong Agricultural University
	11:20-11:30		Leaders deliver address
	11:30-15:00	Section 1	Biological Big Data and Smart Breeding: Collection, deposition, and mining of biological big data at the multi-omics levels for cells, organs/tissues, individual, and population of species. Systematically dissection the genetic and molecular mechanisms underlying the variation of agronomic traits, high throughput genomic selection, and synthetic design of new species or cultivars for future breeding to optimize human needs in agriculture.
August 18	11:30-12:35		Huazhong Agricultural University Prof. Lin Li, Biological Big Data and future smart breeding
	12:35-13:40		Huazhong Agricultural University Prof. Tingting Guo, Pattern discovery, predictive modeling, and biotech innovations in plant breeding and genetics
	13:40-13:50	Section 1 Host: Wanneng Yang	Tea break
	13:50-14:25		Jianming Guo, CEO of BeiJing AiKeNong Technology Limited Co., Application Scenario of Smart Agriculture and future perspective
	14:25-15:00		Yaohui Sheng, General Manager of Huawei digital government smart agriculture service department, Current status and Thinking of Digital Agriculture
	15:00-16:00	Break	

Date	Beijing Time (GMT+08:00)	Speaker and Title
	16:00-19:30	<p>Section 2</p> <p>Smart Equipment and Smart Production: Internet of things, big data, cloud computing and other technologies in the management and application of smart agriculture before, during and after production.</p>
	16:00-16:35	<p>Xiao Wang, Senior Vice President of GuangZhou XAG Technology Limited Co., How does Digital Agricultural Production System improve the efficiency of agricultural production</p>
	16:35-17:10	<p>Kashing Lueng, Senior ViceGeneral Manager of Guangxi Hi Sugar Technology Co.,Technology Empowers Sugar Industry on target</p>
	17:10-17:20	<p>Section 2 Host: Lin Yang</p> <p>Tea break</p>
	17:20-18:25	<p>Huazhong Agricultural University Prof. Yitao Liao, Rapeseed crop production mechanization and intelligent technology</p>
	18:25-19:30	<p>Huazhong Agricultural University Associate Prof. Peng Song, Development and application of agricultural robot</p>
August 19	11:00-15:35	<p>Section 3</p> <p>Agricultural Big Data and Agricultural decision model: Collection, deposition, and mining of agricultural big data at the macro, meso, micro levels, which can be accessed by satellite remote sensing, Hyperspectral sensing, radar etc.</p> <p>Construction of intelligent decision support system, development, integration and application of tools such as farmers' decision model, agricultural policy simulation model, crop growth model, etc.</p>

Date	Beijing Time (GMT+08:00)	Speaker and Title
	11:00-12:05	Huazhong Agricultural University Prof. Hang Xiong , Empowering Rural Society by Digital Innovations: Key Techniques, Policies and Applications
	12:05-13:10	Huazhong Agricultural University Associate Prof. Jian Zhang , Low-cost UAV remote sensing technology and application for crop growth status monitoring
	13:10-13:20	Section 3 Host: Peng Song Tea break
	13:20-14:25	Huazhong Agricultural University Prof. Ran Meng , Crop growth monitoring using multi-source remote sensing technology
	14:25-15:00	Hengshuo Fan, Senior Vice President of Fengnong Stock Modern Agricultural Service Group Company , Application in agricultural production of DAP digital system
	15:00-15:35	Xunling Zheng, Chairman of GREENCARE Agricultural Technology Co. , Thinking of precision agriculture
	15:35-16:30	Break
	16:30-19:30	Section 4 Smart-Agriculture Roundtable Exchange: Exchange your agricultural issues, questions, needs and ideas with all experts in smart agriculture. Warmly welcome you to participate in this roundtable exchange and find out some collaborative programs in future.
	16:30-19:00	Section 4 Host: Lin Li Sharing, discussion, and collaborative proposal
	19:00-19:30	Summary of seminar, Q&As for questionnaires

●Videoconferencing Testing:16:00 PM-18:00 PM(Beijing Time,GMT +08:00) on August 16 and August 17, 2021 (China Time)

Room ID: 878 789 536 Passcode:105046

●Connecting to Videoconferencing: August18 and August 19, 2021 (China Time)

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