ISAF

1ST INTER-REGIONAL
SMART AGRICULTURE FORUM - ISAF 2018

24/25/36 September, 2018
Friendship Hall | Khartoum | Sudan
www.isaf-forum.com

MAIN ORGANIZERS

TOWARDS THE FUTURE

STRATEGIC PARTNERS

sudatel
A Telecom Group

United Capital Bank
بنك المال المتحد

REGIONAL PARTNER

الهيئة العربية
ARAB AUTHORITY

SUPPORTING PARTNER

GSMA

PUBLIC SECTOR PARTNERS

وزارة الاتصالات وتكنولوجيا المعلومات

FORUM MANAGER

VALIANT | Business Media

PROGRAMME DAY 1	
Inauguration (Presidential Hall)	
09:00 - 10:00	Registration
10:00 - 11:30	Exhibition Inauguration/ VIP Tour
	Quran Recitation
	Opening Ceremony & Welcome Statements
	– Prof. Ibrahim El-Dukheri, Director General, AOAD
	– Eng. Mohamed Ben Amor, Secretary General, AICTO
	– ISAF Video
	– José Graziano da Silva, Director General, FAO (Video)
	– H.E. Chaesub Lee, Director, ITU (Video)
	– Mr. Ammar Hamadien, Head of Strategic Engagement. Middle East & North Africa, GSMA
	– Mr. Tarig Hamza Zein Elabdin, CEO Sudatel Telecom Group & Chairman United Capital Group
	– H.E. Amir Khedher Bayati, Deputy Minister of Communication, Republic of Iraq/ Chairman of the General Assembly AICTO
	– H.E. Eng. Khaled Huneifat, Minister of Agriculture, Jordan/ Chairman of AOAD General Assembly
	– HE. Ambassador Dr. Kamal Eldin Hassan Ali Babiker, Assistant Secretary General, Head of the Economic Affairs Sector, League of Arab States
	– H.E Bushara Gomaa Arrow, Minister of Information, Communications & Information Technology, Sudan
	– H.E Eng. Hassab Elnabi Mousa Mohammed, Minister of Agriculture & Forestry, Sudan
	– Signing of Memorandum of Understanding (MoU agreement between AOAD and AAAID & MoU agreement between AICTO and AAAID)
	– H.E. First Vice President of the Republic of Sudan, First Lt. General, Bakri Hassan Salah
11:30 - 12:00	*Coffee Break & Networking*
Ministerial Session (Presidential Hall)	
Chaired by: Prof. Karrar Abbadi, AOAD	
Rapporteur: Dr. Ahmed Awny Ahmed Farag, Director of Central Laboratory for Agricultural Climate Agriculture Research Center ARC, Egypt	
12:00 - 13:30	AOAD Background Paper: Importance of Smart Agriculture in Enhancing Productivity and Efficient Utilization of Agricultural Resources - Prof. Ibrahim El-Dukheri, Director General, AOAD
	AICTO Background Paper: Smart Technologies for Smart Farming - Eng. Mohamed Ben Amor, Secretary General, AICTO
	Ma Jiaqing, China Satellite Navigation Office
	Ministers Deliberation
13:30 - 14:30	*Lunch Break*
Chaired by: Dr. Babagana Ahmadu, FAO Representative	
Rapporteur: Dr. Ali Elbattay, Senior Scientist – Remote Sensing and Drones Technology, ICBA	
14:30 - 14:45	Zitouni Ould-Dada, Deputy Director, Climate and Environment Division - CBC, FAO
14:45 - 15:00	GSMA's IoT and mAgriculture programmes - Mr. Ammar Hamadien, Head of Strategic Engagement. Middle East & North Africa, GSMA
15:00 - 15:15	Background Paper on Information Technology - Ministry of Information, Communications & Information Technology
15:15 - 15:30	Ecosystems Management for Smart Agriculture Projects - Eng. Tarig Mohammed Hassan Khalil, CIO, Sudatel
15:30 - 15:45	Discussion/Q&A
15:45 - 16:15	*Coffee Break & Networking*
Chaired by: Dr. Babagana Ahmadu, FAO Representative	
Rapporteur: Dr. Ali Elbattay, Senior Scientist – Remote Sensing and Drones Technology, ICBA	
16:15 - 16:30	Osama Elfadil Ibrahim, Deputy CEO, United Capital Bank
16:30 - 16:45	Beyond the Field: The Impact of Smart Agriculture Across the Food Supply Chain - Ben Worley, Agrisource Data/Canar
16:45 - 17:00	Technologies that feed the world - Mahmoud Elbanna, Marketing Manager, Pioneer
17:00 - 17:15	Discussion/Q&A

Programme Day 2 (25/09)	
08:00 - 09:00	Registration
Session 1	
Chaired by: H.E Eng. Ahmed Mohammed Al Sada, Assistant Undersecretary for Environmental Affairs, Ministry of Municipalities, Qatar	
Rapporteur: Dr. Mohamed Hamdi, Founding Director, Elagzala Innovation Center	
09:00 - 09:15	Climate-Smart Agriculture in the Near East North Africa Region - Dr. Babagana Ahmadu, FAO Representative
09:15 - 09:30	Use of Information and Communication Technology (ICT) by Arab researchers and Extensionists in dissemination of Agricultural technologies - Mohamed Abdullah, Head of Agricultural Extension Department , ACSAD
09:30 - 09:45	The value of Unmanned Aerial Systems for a Data Powered Agriculture - Dr. Ali Elbattay, Senior Scientist – Remote Sensing and Drones Technology, ICBA
09:45 - 10:00	Precision Farming - Ms. Wang Li, director of International Cooperation Center, China Satellite Navigation
10:00 - 10:15	Efforts of AAAID in Smart Agriculture (Challenges and Opportunities) - Dr. Halim Ben Haj Salah, Senior Agricultural Expert, AAAID
10:15 - 10:30	Q&A & Discussion
10:30 - 11:00	*Coffee Break & Networking*
Session 2	
Chaired By: Abdullah Ahmed Alrabiah, Consultant, Saudi Grains Organization	
Rapporteur: Raei Farhan Teledi, Director of Research Planning, Ministry of Agriculture, Saudi Arabia	
11:00 - 11:15	DateGIS - Precision Agriculture for the Date Sector - Dr Laurens Bierens, Founder, Tec-IB
11:15 - 11:30	Smart Animal Agriculture Innovations of their Practical Implementation - Prof. Faisal Alhag & Prof. Mekki Abdel-latif Omer, Agriculture Research Center, Sudan
11:30 - 11:45	Applications of Precision agriculture in livestock production - Prof. Mohamed Kheir, Animal Genetics Professor in University of Khartoum/ Animal Genetics Expert in AOAD
11:45 - 12:00	GDCO Role in e-Agriculture - Ahmed Eisa, Chairman, GDCO
12:00- 12:15	Smart Agriculture Solutions and Core Technologies - Farid Eltoum, Scientist, Africa City of Technology
12:15 - 12:30	André Laperrière, GODAN (Video)
12:30 - 12:45	Mr. Mohamed Sherief, Senior Director - Digital Services, Zain
12:45 - 13:00	Q&A & Discussion
13:00 - 14:00	*Lunch Break & End of Conference*

WEDNESDAY 26TH

	Programme Day 3 (26/09)
08:00 - 09:00	Registration
	Session 1
	Chaired by: H.E Abdallah Q.A. Saleh, Deputy Minister of Agriculture, Palestine
	Rapporteur: Prof. Ali Mousa, AOAD
09:00 - 09:15	ACSAD experiences in the modern technological applications for sustainable agriculture and natural resources management in the Arab region - Dr. Ahmed Khirishi, Expert of Forest and Rangeland Management, ACSAD
09:15 - 09:30	Connected Fields for Africa - Mitigate farmers risk - Ahmad A Rashwan, Executive Manager SAW For Trade/ Egypt Representative Of Pessl Instruments (Austria) In Egypt
9:30 - 10:00	ITU-T-SG5 Environment, Climate Change & Circular Economy - Eiman Farouk, Head of Environmental Effects Division, TRPA
10:00 - 10:15	Integretad Management of olive Trees - Dr. Ahmed Awny Ahmed Farag, Director of Central Laboratory for Agricultural Climate Agriculture Research Center, Egypt
10:15 - 10:30	Dr. Mohamed Hamdi, Founding Director, Elagzala Innovation Center
10:30 - 11:00	IoT4SAg Award
11:00- 12:00	Closing Remarks - Declaration of Khartoum (AOAD & AICTO)
12:00 - 12:30	*Coffee Break & Networking*
13:00 - 16:00	Nile River/ City Tour

TRAINING SESSIONS
BDS/GNSS APPLICATION IN PRECISION FARMING

MONDAY 24TH

15:30 - 18:15	Report 1: National BeiBou Ground Augmentation System and the Applications, Wang Tao
	Report 2: COmBav Products make Agriculture and other industries more precise, Wen Lulu
	Report 3: Beidou System Status and Applications, Yang Dongkai
	Report 4: Trend of Modern Agricultural Machinery Informatization based on ICT and Cloud Computing Service, Zhang Junning
	Report 5: BDS/GNSS Application in precision Agriculture, Wu Caicong

TUESDAY 25TH

14:00 - 17:00 (3hrs)	Training 2: Principles of BDS/GNSS, Wu Falin

WORKSHOP
TUESDAY 25TH

12:00 - 13:30	UAS for precision agriculture and smart farming: state-of-the art and DIY innovations