



Food and Agriculture
Organization of the
United Nations



WSIS+20 FORUM
HIGH-LEVEL EVENT

THE FUTURE OF DIGITAL AGRICULTURE: PROCESS FOR PROGRESS

Reflecting and building on WSIS 20
years' journey

Dejan Jakovljevic

Chief Information Officer and
Director of Digital FAO and
Agro-informatics Division, FAO

Mr. Jakovljevic is the Director of the Digital FAO and Agro-informatics Division of the Food and Agriculture Organization of the United Nations (FAO).

He has more than 20 years of IT experience and use of technology in International Development. He is a strategic leader in the field, aiming to harness the power of technology towards achieving SDG goals. His work focuses on driving Digital Transformation, organizational modernization and enabling Innovation scale up and delivery.

Prior to joining FAO, Mr Jakovljevic held positions with UNICEF and WHO, with leadership roles in East Asia and Pacific, European Region, and driving Global initiatives in the other parts of the world. Mr. Jakovljevic has Master's and Bachelor's degrees from the University of Houston, Texas.





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Máximo Torero

Chief Economist, FAO

Mr. Máximo Torero Cullen is the Chief Economist of the Food and Agriculture Organization (FAO). He joined the Organization in January 2019 as Assistant Director-General for the Economic and Social Development Department.

Prior to joining FAO, he was the World Bank Group Executive Director for Argentina, Bolivia, Chile Paraguay, Peru and Uruguay since November 2016 and before the Bank Mr. Torero led the Division of the Markets, Trade, and Institutions at the International Food Policy Research Institute (IFPRI).

His major research work lies mostly in analyzing poverty, inequality, importance of geography and assets (private or public) in explaining poverty, and in policies oriented towards poverty alleviation based on the role played by infrastructure, institutions, and on how technological breakthroughs (or discontinuities) can improve the welfare of households and small farmers. Mr. Torero's experience encompasses Latin America, Sub-Saharan Africa, and Asia.





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Sebastian Bosse

Head of Interactive & Cognitive
Systems Group,
Fraunhofer Heinrich Hertz Institute,
HHI

Sebastian Bosse is heading the Interactive & Cognitive Systems Group in the Vision and Imaging Technologies Department, at Fraunhofer Heinrich Hertz Institute (HHI), Berlin, Germany. Mr. Bosse is a lecturer at the German University in Cairo. He is on the board of the Video Quality Expert Group (VQEG) and on the advisory board of the International AIQT Foundation. He is an affiliate member of VISTA, York University, Toronto, and serves as an associate editor for the IEEE Transactions on Image Processing. Since 2021 he has been appointed a chair for the ITU focus group on Artificial Intelligence for Agriculture.

Mr. Bosse's current research activities center around computational perception and cognition, machine learning, computer vision, and human-machine interaction and cover a wide field of applications ranging from multimedia and augmented reality, through medicine to agriculture and industrial production.





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Vincent Martin

Director of Office of Innovation,
FAO

Dr. Martin is the Director of the Office of Innovation at FAO.

With a wealth of expertise in Diplomacy, Global Health, Food and Nutrition Security, Epidemiology and Spatial Analysis, he has more than 20 years of field experience developing strategies and policies, exploring, and experimenting to source solutions to fight against hunger while championing the gender agenda.

Dr. Martin joined FAO in 1998, in the Animal Production and Health Division. Since then, he has held various positions at FAO and the UN, including Animal Health Officer of Infectious Disease Analysis and Early Warning, Senior Technical Advisor, Head of Animal Health Early Warning System (EMPRES), FAO Representative in Senegal and Head of the Regional Resilience Team for West Africa and the Sahel. Since May 2020, he has served as the United Nations Resident Coordinator (UNRC) in Guinea, overseeing some 24 UN agencies, funds and programmes.

Dr. Martin holds a University Diploma focused on Statistics and Epidemiology from Université Pierre et Marie Curie-Paris VI, a Doctorate in Veterinary Medicine, an MSc and a PhD in Agronomic Sciences and biology engineering.





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Sophie Treinen

Communication for Development
Officer, Partnerships and UN
Collaboration Division, FAO

Ms. Treinen has 37 years of information and communication experience in International Development, out of which 24 with the Food and Agriculture Organization of the United Nations (FAO).

Since early 2000's, she has been mainstreaming gender in ICTs, incorporating this dimension in FAO projects and programmes, resulting in several subsequent publications for FAO and the World Bank. She has been part of WSIS since its inception and has led for several year FAO e-agriculture community of practices. Under her leadership, the Digital agriculture team was created for FAO Regional Office of Europe and Central Asia, working hand in hand with the International Telecommunications Union (ITU) for the development of e-agriculture strategies and the contest on digital excellence in agriculture. Ms Treinen also initiated the concept of twining Smart villages of Europe with FAO Digital Village initiative.

Prior to joining FAO, Ms. Treinen held positions within the European Union, the civil society and the private sector. She has a Master's degrees from the University of Louvain-La -Neuve, Belgium in social communication and development.





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Agustina Maria Grossi

Programme Officer, Office of the
Director-General, FAO

Ms. Grossi is an international advocacy, capacity building, cooperation and public relations expert with 6 languages and 15 years of work experience in external relations, public affairs and project coordination within international organizations and research institutes. She currently serves as programme officer in FAO's office of the Director-General leading the strategic outreach, awareness raising and capacity building strategic activities, also supporting programme implementation, for digitalization and data protection related topics, to better streamline understanding, sensitization and compliance overall.

She held previous positions within the Organization for Economic Cooperation Development (OECD), the European Forest Institute (EFI) with the European Commission, the International Atomic Energy Agency (IAEA), the United Nations Industrial Development Organization (UNIDO) and the Organization for Security and Cooperation in Europe (OSCE), as well as several experiences in the private sector and NGOs in the field.

She has been focusing on multicultural impact and solution delivery oriented work across 4 continents including Austria, Argentina, Brazil, Belgium, France, Finland, Japan, Italy, Kenya, Spain, Vietnam, Tanzania, Peru, Switzerland.

