



Food and Agriculture
Organization of the
United Nations

17-21 October 2022

FAO SCIENCE AND INNOVATION FORUM

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SIDE EVENT

15:00 - 17:00 CEST | ONLINE

14

October
2022

AgroInformatics: Actionable data for farmers and decision makers

The aim of the event is to present the applications and impact of digital tools in the field and how data and technology provide tools to enable policy makers, extension workers, and farmers with digital solutions to real-world challenges. This will provide on-the-ground examples of how more accurate, integrated multidimensional data is contributing to accelerating FAO's strategic objectives towards improved sustainable agriculture and early warning systems, by identifying new opportunities, as well as strengthen the design of interventions, monitor progress, evaluate impact and deliver services.

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AGROINFORMATICS: ACTIONABLE DATA FOR
FARMERS AND DECISION-MAKERSOrganized by
Digitalization and Informatics Division, FAO

AGENDA

Moderator **Daniela Di Gianantonio, Digital Agriculture Team Leader, Regional Office for Europe and Central Asia, FAO**

15:00 - 15:15

OPENING

Opening remarks

Dejan Jakovljevic, Director and CIO, Digitalization and Informatics Division, FAO

How are Agro-Informatics contributing to food and agriculture: challenges and opportunities

Zhongxin Chen, Senior Information Technology Officer, Digitalization and Informatics Division, FAO

15:15 -16:45

DIGITAL SOLUTIONS IN ACTION

Hand-in Hand Geospatial Platform: From Data to Actionable Guidance

Karl Morteo, Information Technology Officer, Digitalization and Informatics Division, FAO

The Climate Risk Toolbox

Arianna Gialletti, Climate Risks and Value Chain Specialist, Office of Climate Change, Biodiversity and Environment, FAO

Data Surveillance Systems at FAO - An IT Perspective

Eduardo Machado, Information Technology Officer, Digitalization and Informatics Division, FAO

Digital Services and Inclusion: from global digital solution to in-country implementation for rural advisory services

Rawad Sweidan, Expert, National Agricultural Research Center (NARC), Jordan**Mponda Malozo, National Agriculture and Digital Transformation Expert, FAO Tanzania**

Geospatial thinking and Global Network Shaping- Experience from the Regional Offices

Marygrace Balinos, GIS expert, FAO Regional Office for Latin America and the Caribbean**Maria Rumazo Chiriboga, Hand-in-Hand implementation consultant, FAO Ecuador**

Automation of agricultural decision-making with AI/ML technologies

Liping Di, International Society of Agromatics Chair and Founder, Professor, George Mason University

What evidence can EO and geospatial data provide to policy and decision makers in times of food crisis?

Felix Rembold, Food Security team leader, Joint Research Center (JRC) of the European Commission

Developing an Early Warning Web-based Tool to Enhance the Safe Consumption of Indigenous Leafy

Vegetables for Healthy diets (I - LEAF PROJECT): A case study of the Greater Accra Region of Ghana'

Francisca Ansah and Emmanuel Kyereh, Transformative Research Challenge, World Food Forum, Ghana

16:45 -17:00

Q&A session

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