AI & DIGITAL TOOLS FOR CLIMATE RESILIENT AGRIFOOD SYSTEMS

19 OCTOBER 2023
14.30 - 16.00 CEST

The global agricultural sector faces unprecedented challenges from climate change, including erratic weather, reduced crop yields, and food system vulnerabilities. To address these challenges and ensure food security for a growing population, and foster the development of climate-resilient agri-food systems that can adapt to changing environmental conditions, FAO is organizing the FAO Science and Innovation Forum 2023 with the theme “Science and Innovation for Climate Action.”

FAO’s AI and Digital Tools for Climate Resilient Agri-Food Systems event aims to showcase concrete examples of technological innovations transforming traditional agricultural practices into sustainable, data-driven systems protecting efficiently our people and our planet. It aspires to highlight and explore the potential of new digital technologies, with a focus on AI and digital tools’ pivotal role in building climate-resilient agri-food systems that are more efficient, sustainable, and adaptable to the challenges posed by a changing climate. It will spark dialogue on how to enable sustainable agriculture and climate actions, for adaptation, mitigation and resilience driven by data, and use of data and technology, to open the path toward the Agriculture of the Future, harnessing no one and leaving no one behind.

AGENDA

1. EVENT OPENING
   - Dejan Jakovljevic, CFAO Director General
   - Opening Remarks:
     - Faiza Oulata, Director General, Food and Agriculture Organization
   STARTING 14.30

2. KEYNOTE
   - Keynote Speech:
     - FAO Chief Economist, Maria Viejo, Chief Economist, Food and Agriculture Organization
   STARTING 14.45

3. INTERNATIONAL ATOMIC ENERGY AGENCY
   - PERSPECTIVE:
     - Natalia Mokady, Acting Director of the Department of Nuclear Sciences and Applications, International Atomic Energy Agency
   STARTING 15.00

4. FAO OFFICE OF INNOVATION
   - PERSPECTIVE:
     - Vanessa Martin, Director of Office of Innovation, Food and Agriculture Organization
   STARTING 15.30

5. EUROPEAN COMMISSION
   - PERSPECTIVE:
     - Joint Research Centre
     - Head of Food Security Unit, European Commission Joint Research Centre
   STARTING 15.45

6. FRAUNHOFER HEINRICH HEBEL INSTITUTE
   - PERSPECTIVE:
     - Sebastian Bock, Head, Dynamics & Cognitive Systems Group, Fraunhofer Heinrich Hebel Institute
   STARTING 16.00

7. DIGITAL GREEN
   - PERSPECTIVE:
     - Bain & Company, Founders, and Chief Executive Officer Digital Green
   STARTING 16.30

8. FIRECHAT SESSION
   - Speakers:
     - Vincent Govers, Monty Redman, Sebastian Bohse, Rikin Gandhi
   STARTING 16.50

9. WINNER QUESTION
   - Selected question posted on the social media wall
   STARTING 17.00

10. CLOSING REMARKS
    - Closing Remarks:
      - Deputy Director General and Director of Digitalization and Informatics Division, Food and Agriculture Organization
    STARTING 17.15