

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 sophisticated, 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 a safe use of data and technology, to open the path toward the Agriculture of the Future, harming no one and leaving no one behind.

# AGENDA

