

“Innovation for drought and agriculture”

Increasing impacts of climate change and consequences of drought necessitates development of adaptation and mitigation measures on the different aspects of the agrifood systems. Research and technological innovation are considered essential means to avoid economic and social crisis and achieve sustainability. The actions should focus on cross-cutting activities, including policy, knowledge sharing, capacity development with specific considerations to health, nutrition, gender and youth empowerment relevant to drought management and mitigation in agrifood systems. The FAO-IRI joint event on new actions through cooperation for drought and agriculture will focus on participatory and innovative tools, methods and approaches relevant to drought management in agriculture.

The event directly contributes to the MoU between FAO and IRI that was signed in June 2015 with the following Italian research institutes: ENEA, CNR, CREA, and ISPRA and renewed in 2022 with the main objective to help developing countries in building stronger agricultural sectors through the knowledge generation from research and innovation. The main aspects to be discussed during the joint event include: (i) key impacts of drought on agriculture and raising public awareness on this topic; (ii) elaborate on initiatives related to innovations in technological, institutional, social, and policy dimensions to address the impacts of drought on agriculture for the transition towards sustainable agrifood systems.

FAO-IRI Joint Event

in the framework of the MoU with the Italian Research Institutes and in occasion of the World Day to Combat Desertification and Drought

Innovation for Drought and Agriculture

**19 June 2023 - 9:00 a.m.
LEBANON ROOM (D209)**

09:00	:	Registration Coffee
09:30	:	Institutional welcome FAO: Vincent Martin/Mr Lifeng Li ENEA: Roberto Morabito CNR: Giorgio Matteucci CREA: Filiberto Altobelli ISPRA: Piero Genovesi
10:10		Introduction to the event <ul style="list-style-type: none">- G.P. Cesaretti – Naples University Parthenope, Coordinator of the ASVIS Working Group for Goal 2 of the 2030 Agenda

10:30		<p>Theme 1 <i>“New Solutions for Irrigation to optimize the management of water resources”</i></p> <ul style="list-style-type: none"> - FAO Land and Water
10:45		<p>Theme 2 <i>“Biotechnologies for the improvement of performance under water stress conditions”</i></p> <p>Gianfranco Diretto, Head of the Biotechnology Laborator, 'Biotechnology and Agroindustry' Division - ENEA.</p> <p>-</p>
11:00	:	<p>Theme 3 <i>“Droughts, water stress and water availability: current situation and what to expect in the future due to climate change and human pressures”</i></p> <ul style="list-style-type: none"> - Martina Bussetini, Giovanni Braca, Stefano Mariani – ISPRA
11:15	:	<p>Theme 4: Empowering communities with precision agriculture and climate seasonal forecast to address climate change challenges in developed and developing countries</p> <ul style="list-style-type: none"> - Massimiliano Pasqui, CNR (representation of the joint work with CNR Piero Toscano, Ramona Magno and Vieri Tarchiani)
11:30	:	<p>Theme 5 <i>“Food and Consumers Ratio to reduce waste and improve the diet with products with a lower water footprint”</i></p> <ul style="list-style-type: none"> - Marika Ferrari and Laura Rossi – CREA
11:45		<p>Questions & Answers</p>
12:00	:	<p>Closing</p> <p>FAO: Mr Vincent Martin/Mr Lifeng Li IRI:</p> <p>ENEA: Massimo Iannetta CREA: Filiberto Altobelli CNR: Antonello Bonfante ISPRA: Anna Luise</p>
12:30	:	<p>End of Meeting</p>