JOINT TALK CREA-CNR ON SUSTAINABLE WATER MANAGEMENT IN AGRICULTURE

THURSDAY 19 OCTOBER 2023 | 11.15 - 11.45 | FAO ATRIUM

CREA

Design and management of a pressurized irrigation distribution system: a joint experience between Italy and Cape Verde

Raffaella Zucaro and Filiberto Altobelli

Presentation of Technical Guidelines for the setting up of an integrated methodology of a modern irrigation system:

a. considering the agro-economic-engineering aspects and cost-benefit analysis and environment impact assessments
b. possible pathways to increase irrigation water productivity at the scheme level accounting for the interaction among the different steps of the water distribution chain.

For more information:
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CNR

Solutions to improve water management under climate change

Antonello Bonfante and Michela Janni

a. Irrigation support techniques applied in a DSS dedicated to irrigation optimization (case studies on maize in Italy and Israel)
b. a new approach based on the Bioristor in vivo sensor:
   i. viticulture irrigation and preservation of berries quality
   ii. solar and ecofriendly irrigation system improving the sustainability of tomato cultivation in Burundi

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