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The American University in Cairo

Center of Excellence for Water

ALEXANDRIA UNIVERSITY

Webinar

Evapotranspiration of irrigated crops under warming and elevated atmospheric CO_2: What is the direction of change?

Tuesday, February 2nd, 2022 at 6PM Cairo Local Time (CLT)

This webinar will focus on:

- Crop water use
- Climate change

Webinar Summary:

Future changes in crop evapotranspiration (ETc) are of interest to water management stakeholders. However, long-term projections are complex and merit further investigation due to uncertainties in climate data, differential responses of crops to climate and elevated atmospheric CO_2, and adaptive agricultural management. A factor-control simulation experiments were conducted using the process-based CropSyst model and investigated the contribution of each of these factors.

Speaker: Dr. Fabio Vale Scarpare – WSU

Dr. Scarpare is a Postdoctoral Research Associate at Washington State University, Civil and Environmental Engineering. Dr. Scarpare research interesting and expertise is focused on interdisciplinary water resource issues with a special interest in crop water use assessment, irrigation, soil physics, crop modeling, food-water-energy nexus, water footprint estimation, water quality assessments and consumptive water use in space-temporal scales.

Register here:
https://bit.ly/3fAHE63

WASHINGTON STATE UNIVERSITY

Suggested Audience: Biogeophysical group

This webinar is organized by Washington State University

The Center of Excellence for Water is a USAID funded project aiming at creating a Center of Excellence for Water at Alexandria University– Egypt. The project is managed by the American University in Cairo (AUC) and has multiple partnerships and stakeholders