

Agenda

Workshop title	Weather stations and other tools for optimized irrigation and crop management
08:00 am – 08:10 am	Welcome Session: Coffee, Donuts, Networking, and Introduction Dr. Diaa Eldin Elshikha, Biosystems Engineering Department, U of A
08:10 am – 08:35 am	Improving irrigation decisions through weather data and soil moisture sensor calibration Dr. Peter Waller, Biosystems Engineering Department, U of A
08:35 am – 09:00 am	Understanding changes in soil health under different irrigation systems Dr. Debankur Sanyal, Environmental Science, U of A
09:00 am – 09:45 am	Innovative Environmental Monitoring Solutions for Smarter Irrigation and Crop Decisions Terrell Fletcher, Campbell Scientific
09:45 am – 09:55 am	Coffee break
09:55 am – 10:40 am	Advanced Plant and Soil Sensing Technologies for Precision Irrigation and Crop Management (Provisional Title) Steven Kizorek, LI-COR
10:40 am – 11:05 pm	More than just Sunshine: Climate Insights for Central Arizona Growers Dr. Avik Mukherjee, Assistant Agent, Agriculture, U of A Cooperative Extension
11:05 am – 11:40 pm	AZMet Resources for Irrigation and Crop Management Dr. Jeremy Weiss, Program Manager, Arizona Meteorological Network, U of A Cooperative Extension, Tucson, Arizona
11:40 am – 12:00 pm	Soil-Water Synergy: Real-World Results from Desert Control's LNC Dr. Shaddy Alshraah, Desert Control

12:00 pm – 01:00 pm Lunch and Continued Networking

01:00 pm – 01:25 pm Integrating Plant Phenotyping Technologies to Optimize Irrigation and Improve Crop Yield

Dr. Bhupinder Singh, Plant Sciences, U of A

01:25 pm – 01:50 pm Precision Water Management with OpenET and LI-710 Evapotranspiration Sensor

Dr. Diaa Eldin Elshikha, Biosystems Engineering Department, U of A

01:50 pm – 02:00 pm Closing Statement

Registration link: weatherstations.rsvpify.com

Location: 37860 W Smith Enke Rd, Maricopa, AZ 85138

Date and time: Wednesday, Aug 27, 2025 at 8:00 am – 2:00 pm

Zoom link: <https://arizona.zoom.us/j/86092232655>