

# Enhancing Irrigation Efficiency

## Insights from Scientists and Industry Experts

Lecture Seminar and Farm Tour - Open to the public - Tuesday Dec 5<sup>th</sup> – Yuma Ag Center – 6425 W 8<sup>th</sup> St.

[In-person Registration Link](#)

[Zoom Registration Link](#)



Irrigation Industry of Arizona

<b>8:00 AM</b>	<b>Welcome and introductions</b>		
8:10	Dr. Eduardo Bautista	USDA-ARS US Arid-Land Ag Research Center	Use of hydraulic models to improve the performance of surface irrigation systems
8:30	Dr. Peter Waller	UArizona Biosystems Engineering Department	WINDS model, Open ET, and evapotranspiration
8:50	Dr. Diaa Eldin Elshikha, Dr. Said Attalah	UArizona Biosystems Engineering Department	A comparative study of gravity drip and flood irrigation in cotton
9:20	Toby Torrey	UArizona Cooperative Extension: Program Director Programming/Web Development	Developing applications and online solutions to water management
9:40	Robert Masson	UArizona Yuma County Cooperative Extension	Irrigation research trials update
<b>10:00</b>	<b>Break and Field Tour (60 min)</b>		
11:00	Dr. Ethan Orr	UArizona Cooperative Extension: Associate Director ANR and Economic Development	Cooperative Extension Irrigation Efficiency Grant update
11:20	Mike Bloomfield	Netafim irrigation systems	Netafim industry update
11:40	Justin Chung	N-Drip irrigation	N-Drip Technology Overview: Gravity-Powered Micro-Irrigation
12:00 PM	Steve Koralewski	Valley Irrigation	Efficiencies of mechanized irrigation
<b>12:20</b>	<b>Lunch (20 min)</b>		
12:40	Peter Moller	Rubicon	Automated Surface Irrigation With Application Efficiency
1:00	Eddie Good	Rain for Rent	Rain for Rent product updates
1:20	Peter Ellegaard	Aquaspy	Optimization of irrigations depth and consumption monitoring for shallow root crops
<b>1:40</b>	<b>Break (10 min)</b>		
1:50	Gilbert Rodriguez*	Sentek Sensor Technologies	Sentek and IrriMax Live
2:10	Dr. Shaddy Alshraah	Desert Control	Liquid Natural Clay (LNC) for Irrigated Sandy Soils
2:30	Shannon Rinkenberger	SWAN Systems	Water Use Efficiency and Responding to Water and Climate
2:50	Dr. Diaa Eldin Elshikha	UArizona Biosystems Engineering Department	Closing remarks
<b>3:00</b>	<b>End of seminar</b>		