



CAIA

California Agricultural
Irrigation Association



2022 Fall Meeting
September 14-15
SeaCrest Oceanfront Hotel
Pismo Beach, CA



2022 CAIA FALL MEETING

We invite CAIA members, irrigation industry representatives and other interested parties to join us for the 2022 Fall Meeting of the California Agricultural Irrigation Association, September 14-15, in Pismo Beach, California. The meeting provides a forum to address new technology, government programs, state and federal legislation and regulations and other issues of interest and concern to the agricultural irrigation industry.

SCHEDULE AT A GLANCE *(see next page for a detailed schedule)*

WEDNESDAY, SEPTEMBER 14

- **8:00am-11:00am** *CAIA Board of Directors Meeting*
- **11:30-12:45pm** *Legislative/Regulatory Roundtable Lunch*
- **1:00pm-4:30pm** *Innovation/Educational/Technical Sessions*
- **5:30pm-7:00pm** *Cocktail and Hors D'oeuvres Reception*

THURSDAY, SEPTEMBER 15

- **8:30am** *CAIA Member Meeting with Keynote Presentation by Bureau of Reclamation Regional Director Ernest Conant (non-members welcome!)*
- **12noon-4:30pm** *Educational (and fun!) Tour*
- **6:00pm** *CAIA Cocktail Reception & Outdoor Barbecue*

ACCOMMODATIONS

The CAIA Fall Meeting will be held at the SeaCrest Oceanfront Hotel in Pismo Beach, California. Located at 2241 Price Street in Pismo Beach, this beautiful hotel sits atop a 5-acre ocean bluff with unique beach access and some of the most breathtaking sunsets in California. A block of rooms has been reserved for CAIA at special rates for ocean view or standard rooms. Bring your families and enjoy this great location at a great rate!!

THE DEADLINE FOR THE SPECIAL RATE IS AUGUST 14th. Reservations after August 14th are subject to availability and may be at a higher rate. Make your reservations by calling the hotel directly at 805-773-4608 option 2 and refer to "CAIA Group September".

SPONSORSHIPS

Please see the enclosed "Sponsorship Menu" for sponsorship opportunities.

MEETING REGISTRATION

A registration form is enclosed. To ensure adequate processing time, we recommend you register by September 2nd.



SCHEDULE OF EVENTS

WEDNESDAY, SEPTEMBER 14

- **11:30am-12:45pm Legislative/Regulatory Roundtable Lunch**
Over lunch, Dan Keppen (Family Farm Alliance) and Mike Wade (California Farm Water Coalition) will discuss domestic and global food insecurity policy concerns, state and federal legislation, new and changing regulations, the drought, ag communications/outreach, and other issues relating to irrigated agriculture.

- **1:00pm-4:30pm CAIA Innovation/Educational/Technical Sessions**
Tile Recharge—Subsurface Groundwater Recharge Without Impacting Farming Operations (Glenn Drown, Mike Busby, Lidco, Inc.) Tile Recharge is simply a tile drain system operated in reverse, for the purpose of subsurface groundwater recharge. The system is installed in a single pass, as specialized machinery cuts a trench, inserts corrugated perforated pipe at the desired depth, and surrounds the pipe with gravel. Surface water from the District is filtered, then distributed to standpipes connected to a network of subsurface perforated pipes. The water discharges from the pipes into soil below the root zone of the overlying field and moves down into the aquifer without impacting surface activities or taking land out of production. This water is then available as water credits for future extraction. Water can be recharged year-round, with no evaporation losses, and the system costs less than recharge basins or Aquifer Storage and Recovery (ASR) wells.

SGMA Implementation Utilizing Evapotranspiration for Regulation (Dan Howse, Cal Poly). Dr. Howse will discuss a new concept or way of thinking – Sustainable ET. How is this being implemented in high priority GSAs (issues such as data availability, avoiding OpenET, maintaining pump records); transitional pumping; and where we will see the greatest impacts from SGMA in the San Joaquin Valley.

Smart Irrigation for Agriculture Leads to More Efficient Carbon Capture (Jim Lauria, Mazzei Injector Co., LLC) Farmers can capture a vast amount of atmospheric carbon in their crops and soils... if they have the water to do it. Many plans to reverse greenhouse gas emissions – such as the one described in the Lawrence Livermore National Laboratory’s 2020 report on California’s efforts, *Getting to Neutral* – largely ignore agriculture. There are two keys to unlocking California’s massive carbon-capturing resource: agricultural technology and connecting with farmers. Ag tech represents a broad range of approaches, from buried sensors in the soil to satellite monitoring technology and a wide array of tools in between. However, smart irrigation is where the rubber meets the road. This presentation will examine the trends in the smart irrigation industry and who should know about them.

Irrigation in Controlled Environment Agriculture (Moderated by Frank Toves, IDC, LLC) Controlled Environment Agriculture (CEA) is not a new concept but is something that is gaining traction in California. From simple shade and hoop houses, to the most advanced indoor and greenhouse farms. CEA takes a technology-based approach to farming that allows the grower to control certain aspects of environment, providing growth opportunities in otherwise unusable areas, reducing pest and disease pressure, being more sustainable, increasing and controlling yields, and being more efficient with water use. Panelists will discuss their experiences with water use and benefits CEA brings to California agricultural irrigation.

Prospera Technologies (Sean Boyd, Prospera) Valley Irrigation has been recognized as a worldwide leader in mechanized irrigation for over 75 years. In 2014 they became a market leader in precision irrigation technology through the acquisition of AgSense and their portfolio of remote device management and telemetry solutions. They now have more than 100,000 devices under management. In 2021, they acquired Prospera Technologies, a pioneer in the use of artificial intelligence, machine learning (AI/ML), and computer vision technologies to understand why similar fields produce significantly different yields. This acquisition created the largest global, vertically-integrated artificial intelligence company in agriculture.

CONTINUED NEXT PAGE



MEETING HIGHLIGHTS (continued from previous page)

Grower Heartbeat: Checking the Pulse of the Industry. Hear from a panel of growers on their perspective of the irrigation industry. The growers will discuss their experiences, motivation, and insight for the road ahead. Where are we flourishing? What areas need improvement? What innovations should be on the horizon? How will the irrigation industry keep up with the demands our partners are facing?

- **5:30pm-7:00pm** **Cocktail & Hors D'oeuvres Reception**
A great opportunity to visit with new and old friends in the industry on the outdoor Oceanfront Terrace overlooking beautiful Pismo Beach.

THURSDAY, SEPTEMBER 15

- **8:30am-11:00am** **CAIA Member Meeting and Breakfast with Keynote Presentation**
CAIA members and non-members are encouraged to attend this business and information session.
Keynote Presentation: Ernest Conant, Regional Director, Bureau of Reclamation. Conant was named Regional Director of the California-Great Basin Region of the Bureau of Reclamation in January 2019. As Regional Director, Conant manages one of the nation's largest and most complex water projects - the Central Valley Project - as well as Oregon's Klamath Project, Nevada's Newlands, Humboldt, Washoe and Truckee Storage Projects, and California's Cachuma, Orland, Santa Maria, Solano, and Ventura River Projects.
- **12Noon-4:30pm** **Tour of Cal Poly Strawberry Center and Baileyana**
The Cal Poly Strawberry Center, formed in 2013, is a partnership between the California Strawberry Commission and Cal Poly San Luis Obispo. The main research programs include plant pathology, entomology and automation. Join the tour to hear about the history, mission and research accomplishments. Next stop is Baileyana Tasting Room in the heart of Edna Valley. Baileyana was founded over 35 years ago and houses four distinct brands, all under the same roof. We'll enjoy tastes of Baileyana, Tangent, True Myth, and Zocker wines. Snacks will be provided and bocce ball is available for those willing to show off their skills.

Tour includes transportation, lunch, and wine tasting. **Register early, participation is limited to 50 people.**
- **6:00pm-9:00pm** **CAIA Cocktail Reception & Outdoor Barbecue**
Enjoy an evening overlooking Pismo Beach and the ocean while enjoying beverages and an authentic Santa Maria style barbecue. Entertainment by Scott Muir.

ABOUT CAIA

The California Agricultural Irrigation Association is a network of irrigation professionals throughout California whose goal is to promote common ideals, standards and business practices, and to be a strong and vital voice in the inevitable water challenges we face to help shape the future of the agricultural irrigation industry. Considering the delicate balance between an ever-increasing demand for high quality foods and fiber, and the steady decline of reliable water supplies, CAIA advocates efforts of the industry to continue to develop efficient irrigation design and management practices that promote water and soil conservation while increasing yields and improving crop quality.



CAIA 2022 FALL MEETING REGISTRATION * SEPT 14-15 * PISMO BEACH

◆ COMPANY INFORMATION

Company Name: _____ Primary Contact: _____

Address: _____ City, State, Zip _____

Phone: _____ Fax: _____ Email: _____

◆ CAIA MEMBER REGISTRATION	Wed. Legislative Lunch \$50	Wed. Reception \$70	Thurs. CAIA Meeting n/c	Thurs. Strawberry Farm and Baileyana Tour \$75	Thurs. BBQ Dinner \$80	Total Each Person
NAMES:						
1. _____						\$
2. _____						\$
3. _____						\$
4. _____						\$

◆ NON MEMBER REGISTRATION	Wed. Legislative Lunch \$60	Wed. Reception \$80	Thurs. CAIA Meeting n/c	Thurs. Strawberry Farm and Baileyana Tour \$85	Thurs. BBQ Dinner \$90	Total Each Person
NAMES:						
1. _____						\$
2. _____						\$
3. _____						\$
4. _____						\$

GRAND TOTAL: \$ _____

PAYMENT METHOD:

Check payable to "CAIA"

Credit Card: ___ VISA ___ Mastercard ___ American Express ___ Discover

Card No: _____ Exp. _____ Security Code: _____

Billing Zip Code: _____ Cardholder Signature _____

PLEASE REGISTER BY SEPTEMBER 2nd

Mail form to: California Agricultural Irrigation Association, 1521 I Street, Sacramento, CA 95814

Or fax to (916)446-1063 or email to: jane@agamsi.com. If you have questions, please call us (916)206-7186

CANCELLATIONS: Cancel by September 2 for a full refund. NO refunds for cancellations after September 2.



CAIA FALL MEETING 2022 SPONSORSHIP OPPORTUNITIES

The California Agricultural Irrigation Association (CAIA) Fall Meeting will be held September 14-15 in Pismo Beach, CA. A variety of sponsorship opportunities are available. Sponsors will be recognized on signs at the event and in the meeting program. Please complete and return this form by September 2. Sponsorships are on a first come, first serve basis.

<u>EVENT SPONSORSHIP</u>	<u>COST</u>	<u>DATE</u>		<u>COMPANY</u>
SUPPORTING SPONSOR (unlimited)	\$500 unlimited		<input type="checkbox"/>	_____
Meeting Room—Wednesday	\$500 2 available	9/14/22	N/A	1. REEDLEY IRRIGATION 2. JAIN IRRIGATION
Legislative Roundtable Lunch	\$1000 2 available	9/14/22	<input type="checkbox"/>	1. NELSON IRRIGATION 2. _____
Technical Session Refreshments	\$500 2 available	9/14/22	N/A	1. TORO AG 2. RAIN BIRD AGRICULTURE
Reception Cocktails	\$1500 2 available	9/14/22	N/A	1. IDC, LLC. 2. SUPERIOR
Reception Hors d'oeuvres	\$1500 2 available	9/14/22	N/A	1. ALMOND BOARD OF CALIFORNIA 2. RIVULIS
Meeting Room—Thursday	\$500 2 available	9/15/22	<input type="checkbox"/>	1. _____ 2. _____
Member Meeting Breakfast	\$1000 2 available	9/15/22	<input type="checkbox"/>	1. _____ 2. _____
Tour Bus Charter	\$1000 2 available	9/15/22	<input type="checkbox"/>	1. _____ 2. _____
Tour Lunch	\$500 2 available	9/15/22	N/A	1. BOWSMITH 2. ALSCO-GEYER IRRIGATION
BBQ Reception Bar	\$1000 2 available	9/15/22	N/A	1. APOLLO AG TECNOLOGIES 2. WESTERN AG IRRIGATION
BBQ Table Wine	\$800 2 available	9/15/22	N/A	1. MAZZEI INJECTOR CO., LLC 2. AGRI-VALLEY IRRIGATION
BBQ Entertainment	\$800 2 available	9/15/22	<input type="checkbox"/>	1. _____ 2. _____

Company: _____ Contact: _____

Address: _____ City, State, Zip: _____

Phone _____ Email: _____

◆ **PAYMENT METHOD:**

Check payable to "CAIA"

Credit Card: ___ VISA ___ Mastercard ___ American Express ___ Discover

Card No: _____ Exp. _____ Security Code: _____ Billing Zip Code: _____

PLEASE PROVIDE AN ELECTRONIC FILE OF YOUR COMPANY LOGO FOR USE ON SIGNS AND MEETING MATERIALS NO LATER THAN SEPTEMBER 2. EMAIL LOGO TO jane@agamsi.com

Return form to: CAIA, 1521 I Street, Sacramento, CA 95814, fax (916)446-1063 or email to jane@agamsi.com.