



# ***IrrigationShow*** **and Education Week**

**San Diego, California | December 6-10, 2021**

Trade Show | Dec. 8-9

**EXPLORE.  
CONNECT.  
LEARN.**

**REGISTER NOW  
and get reconnected.**

[www.irrigationshow.org](http://www.irrigationshow.org)





# It's time to get connected again.

## Join the industry reunion at the Irrigation Show.

Dust off your suitcase and grab your sunglasses because the Irrigation Association is welcoming the **irrigation industry back together in sunny San Diego**. There's nothing quite like connecting with colleagues and meeting new industry peers. And that's why the 2021 Irrigation Show and Education Week will be an event like no other!

Whether you are a first-time attendee or a seasoned vet, **the 2021 Irrigation Show offers something for everyone**. It's your chance to see innovative products and smart solutions, find new suppliers, learn about current business trends and irrigation best practices, and network with industry leaders. The best thing about all these? **They're in person!**

If you're looking for meaningful connections with new suppliers and ways to sharpen your skills or business, then the 2021 Irrigation Show and Education Week is the event for you. **So get ready for sun, sand and San Diego, because we can't wait to see you there!**



**ATTENDEES  
AGREE**

**95%**  
LEARNED ABOUT  
NEW PRODUCTS/  
TECHNOLOGIES

**92%**  
GOT INSIGHT  
ON IMPROVING  
IRRIGATION  
PRACTICES

**91%**  
MADE NEW  
BUSINESS  
CONNECTIONS

Excerpt from the  
2019 Irrigation Show data and  
show survey responses

*The Irrigation Association is committed to protecting public health and will follow all safety measures based on CDC, state and building requirements. Please check the website for updates related to the possible impact of COVID-19 on the Irrigation Show.*





# IrrigationShow and Education Week



**EXPLORE.  
CONNECT.  
LEARN.**

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**SAN DIEGO**  
**DEC. 6-10, 2021**  
Trade Show | Dec. 8-9



# Leave time for a little fun.

## Bring your family to the beautiful city of San Diego.

From the moment you arrive in sunny San Diego you'll understand why the city is consistently named a **top meeting destination**. In addition to year-round sunshine and near-perfect weather, San Diego is soaked in culture and offers 70+ miles of sparkling coastline, friendly locals, a vibrant downtown and an endless assortment of unique neighborhoods to explore.

We hope you will take the time to enjoy everything San Diego has to offer. Whether you want to learn how to surf in La Jolla, taste the local flavors at a five-star restaurant in the Gaslamp Quarter, stroll the peaceful beaches of Coronado, explore the museums of Balboa Park or take a cruise on the bay, **San Diego has something for everyone.**

San Diego's sun-sational climate makes it the ultimate year-round destination for family-friendly fun. Days are frequently warm, even in winter, and evenings are cool. In December, San Diego boasts an average **high of 66 degrees Fahrenheit** and a **low of 50 degrees Fahrenheit**, so make sure to bring a jacket.







San Diego  
is the perfect  
family-friendly  
destination!

## TOP ATTRACTIONS

- **Balboa Park** – As one of San Diego's most popular and beloved destinations, this outdoor treasure is where culture, science and nature collide. Home to more than 1,200 acres of gardens, museums, performing arts venues and the San Diego Zoo, this is a must-see attraction in San Diego.
- **Gaslamp Quarter** – The Gaslamp Quarter, just across the street from the San Diego Convention Center, is home to a variety of world cuisines. From an upscale night out on the town to a casual evening, you'll find more than 150 restaurants and bars to choose from.
- **Coronado** – Just across the bay awaits the charms of Coronado. No car, no problem! The ferry conveniently leaves from behind the Convention Center for a beautiful ride across San Diego Bay. Enjoy restaurants, shopping and a beautiful sunset walk along the Pacific Ocean shore in this quaint city.
- **San Diego Zoo** – Home to more than 3,500 animals, the world-famous San Diego Zoo is an attraction you won't want to miss. Explore habitats that are home to lions, tigers, gorillas, Asian leopards, koalas and more, and see for yourself why this is the most visited zoo in the United States.
- **SeaWorld** – Located inside Mission Bay Park, SeaWorld aims to inspire guests to care more about animals through education and entertainment. Learn all about animals of the sea then take a ride on SeaWorld's three roller coasters – Manta, Electric Eel and Tidal Twister.
- **Beautiful beaches** – With 70 miles of beaches in San Diego County, there are plenty of options where you can sit back, relax and dig your toes into the sand. Some of the most popular beaches include Coronado Beach, Pacific Beach, La Jolla Shores, Ocean Beach and Imperial Beach.



**For more information on San Diego**, download the attendee guide found on the website at [www.irrigationshow.org](http://www.irrigationshow.org).



# It's all in one location.

**New exciting things are coming to the floor.**

Wednesday, Dec. 8-Thursdays, Dec. 9

We're excited to bring all the high-energy action back to the show floor this year. Browse exhibitors' booths to get a firsthand look at all of the latest products, services and technologies in agriculture, landscape, golf and sports turf irrigation. This is the perfect opportunity to meet new suppliers and walk away from the show with fresh ideas on how to expand your business, satisfy customers and grow your bottom line.

**With two days to explore the exhibits, be sure to**

- visit potential new partners in ag irrigation.
- find solutions to ancillary landscape markets such as outdoor lighting.
- check out the latest technologies and software for running an efficient business.

Below are a few special areas to check out this year on the show floor.

## NEW! Innovation Row

The new Innovation Row will host startup irrigation technology companies looking to promote their technology to the irrigation industry. These companies will also take the stage in a Pitch Competition in the Innovation Hub on Wednesday, Dec. 8, offering an opportunity for attendees to learn more about their technology.

## NEW! Innovation Hub

If you want to be where the action is, head over to the new Innovation Hub that will be the presentation area in the exhibit hall. This special area will feature a variety of product demos. The winners of the Pitch Competition and the 2021 New Product Contest will be announced Thursday, Dec. 9, in the Innovation Hub.



Sit back and get the lowdown on new products right on the show floor.



## NEW! Craft Brewfest

Sipping craft brew while browsing the show? Yes, please! As the first day of the Irrigation Show floor winds down, head to the Craft Brewfest reception right there in the exhibit hall. Sponsored by Hunter Industries, this is the perfect opportunity to enjoy local craft beers and take some time to catch up with colleagues and make new business connections.

Sponsored by

**Hunter®**

## New Product Contest Competition

Learning about the latest new products, technologies and services is a top priority for those in the irrigation industry. In 2021, the new product contest will be a hybrid event — combining both virtual and live elements. The presentations and judging will take place virtually the week of Nov. 15, and free attendance at the live digital presentations will be offered. The products will be displayed in the new product contest section of the show floor, and the winners will be announced on Thursday, Dec. 9, in the Innovation Hub.

## Poster Competition

The future of the irrigation industry is bright and will shine this year on the Irrigation Show floor. Students from various colleges and universities will showcase their latest irrigation projects. Attendees are encouraged to interact with and learn from these bright young minds, while getting a glimpse into the future of the irrigation industry when visiting the show floor.

## IA Resource Center

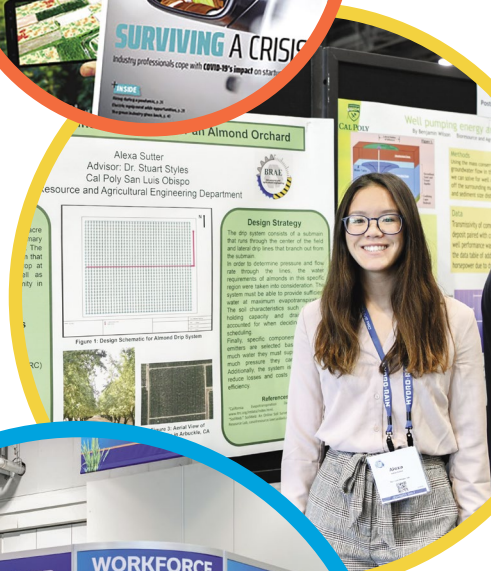
If you have a question about the Irrigation Show or the IA, the Resource Center has your answer. The Resource Center is also your source for the numerous agriculture, turf-landscape and golf irrigation books and resources available through the IA, as well as information about the association's two printed publications: *Irrigation & Green Industry* (landscape-focused magazine) and *Irrigation Today* (agriculture-focused magazine).



Be sure to pick up copies of our industry magazines!



2021  
NEW PRODUCT  
CONTEST  
Irrigation Association





# Streamline your schedule. (subject to change)

Create a game plan so you won't miss a thing.

## Sunday, Dec. 5

<b>REGISTRATION OPEN</b>	4:00 p.m.-6:00 p.m.
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## Monday, Dec. 6

<b>REGISTRATION OPEN</b>	7:00 a.m.-6:00 p.m.
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ASABE/IA 6th Decennial Irrigation Symposium	8:00 a.m.-12:00 p.m. 1:00 p.m.-5:00 p.m.
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IA University (see pg. 14-17)	8:00 a.m.-5:00 p.m.
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Exhibitor Move-In	8:00 a.m.-6:00 p.m.
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## Tuesday, Dec. 7

<b>REGISTRATION OPEN</b>	7:00 a.m.-6:00 p.m.
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Certified Low Voltage Lighting Technician (CLVLT) Exam (see pg. 19)	7:30 a.m.-5:00 p.m.
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ASABE/IA 6th Decennial Irrigation Symposium	8:00 a.m.-12:00 p.m. 1:00 p.m.-5:00 p.m.
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IA University (see pg. 14-17)	8:00 a.m.-5:00 p.m.
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Exhibitor Move-In	8:00 a.m.-6:00 p.m.
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IA Certification Exams (see pg. 18)	1:00 p.m.-6:00 p.m.
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Math Tutorial	6:00 p.m.-8:00 p.m.
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## Wednesday, Dec. 8

Exhibitor Move-In	7:00 a.m.-8:00 a.m.
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<b>REGISTRATION OPEN</b>	7:00 a.m.-6:00 p.m.
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ASABE/IA 6th Decennial Irrigation Symposium	8:00 a.m.-12:00 p.m.
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IA University (see pg. 14-17)	8:00 a.m.-5:00 p.m.
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<b>EXHIBIT HALL OPEN</b>	9:00 a.m.-12:00 p.m. 2:00 p.m.-5:00 p.m.
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IA Certification Exams (see pg. 18)	1:00 p.m.-6:00 p.m.
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Craft Brewfest on the Show Floor	3:30 p.m.-5:00 p.m.
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## Thursday, Dec. 9

<b>REGISTRATION OPEN</b>	7:00 a.m.-4:00 p.m.
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Drip-Micro Common Interest Group	8:00 a.m.-9:30 a.m.
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IA University (see pg. 14-17)	8:00 a.m.-5:00 p.m.
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<b>EXHIBIT HALL OPEN</b>	10:00 a.m.-1:00 p.m.
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IA Certification Exams (see pg. 18)	1:00 p.m.-6:00 p.m.
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Exhibitor Move-Out	1:00 p.m.-9:00 p.m.
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Sustainability Common Interest Group	1:30 p.m.-3:00 p.m.
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## Friday, Dec. 10

IA Certification Exams (see pg. 18)	8:00 a.m.-1:00 p.m.
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Exhibitor Move-Out	8:00 a.m.-1:00 p.m.
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Take advantage of a variety of events to grow your knowledge and business.

Watch the website for additional offerings!



# Take note of a few changes.

## How will the 2021 Irrigation Show differ from prior years?

The 2021 Irrigation Show will include a stronger focus on in-person business connections — connecting the suppliers of irrigation technology, products and services with the professionals that use them. While this year's show will offer invaluable education, networking and technology opportunities to grow your business as it always has in the past, we want you to be aware of a few changes to this year's event.

- We look forward to bringing back our cornerstone offerings: an energetic trade show, the popular new product contest and our high-quality IA University classes. To focus on our core offerings, a few past traditional events are not scheduled this year, including the young professionals breakfast, women in irrigation social, certification luncheon, general session and keynote address.
- IA award presentations and an association update will be held virtually, prior to the Irrigation Show, leaving more time for networking while in San Diego.
- The opening night reception has changed to a Craft Brewfest reception on the show floor so more attendees can enjoy the event.
- This year also hosts the ASABE/IA 6th Decennial National Irrigation Symposium with cutting-edge sessions on the latest research in both ag and landscape.
- The IA is excited to debut two new offerings this year. Innovation Row is a special section on the show floor that will feature startup irrigation technology companies. They will take the stage in a Pitch Competition offering an opportunity for attendees to learn more about their products. Innovation Hub will be a designated presentation area on the show floor hosting product demos, spotlight sessions, the Pitch Competition and the 2021 New Product Contest announcement.



## Stay on top of your itinerary.

### Keep track of event programs and education classes from the palm of your hand.

Starting in 2021, the IA is reducing paper usage and going completely digital with the show mobile app! Say goodbye to the show guide and hello to the convenient app that offers everything you need to know about show information including events, classes, and the exhibitor directory and map. Here's a bonus — get notifications so you don't miss any important events you're planning to attend.

**Look for download instructions on the website.**



# Don't miss a single booth.

## Visit the website for a complete list of exhibitors.

The following listing includes show exhibitors as of Aug. 1, 2021. To exhibit, contact Senior Membership and Exhibit Services Manager Janie Hakim at [janiehakim@irrigation.org](mailto:janiehakim@irrigation.org) (703.536.7080).

A.Y. McDonald Mfg. Co.  
Action Machining Inc.  
Advanced Drainage Systems Inc. ●  
Agri-Inject Inc.  
Alliance Outdoor Lighting  
Altrac ●  
American Granby Inc.  
American Lighting Inc.  
American Society of Agricultural and  
Biological Engineers (ASABE)  
Amiad Water Systems ●  
Andros Engineering  
Antelco Corporation  
Applied Engineering Products  
AquaCheck USA  
Aquafuse by CMF Global Inc.  
Aqualine Inc.  
Armada Technologies  
Autonomous Pivot LLC ●  
B.A. Fischer Sales Co. LLC  
BALDR International  
Barrett Engineered Pumps ●  
Bauer North America  
Blackburn Manufacturing  
Bowsmith Inc.  
Brilliance LED  
Buckner Superior  
Centennial Plastics Inc. ●  
Center for Irrigation Technology  
Cornell Pump Company ●  
Corona Lighting  
Corona Tools  
Cresline Plastic Pipe Company Inc.  
Danner Manufacturing Co. Inc.  
Davis Instruments  
Dawn Industries Inc. ●  
DENSO International America  
DeWitt Company  
DIG Corporation ●  
Dragon-Line LLC  
Dura Plastic Products Inc. ●  
Dynamax Inc.  
Effebi US  
Epic Plastics  
Everydrop Technologies  
Ewing Irrigation Products Inc. ●  
E-Z Weld Group  
FB Balzanelli USA Inc  
Flint & Walling Inc.  
FLOMEC/Great Plains Industries  
Focus Industries Inc.  
Fresno Valves & Castings Inc. ●  
Gheen Irrigation Works ●  
GroGuru Inc.  
Ground Cover Industries Inc.  
HARCO Fittings ●  
Hastings Irrigation Pipe Co.  
Headwater Engineered Systems  
Hendrickson Bros.  
HindSite Software

HIT Products Corporation  
Horizon Distributors ●  
HSTI  
Hubbell Power Systems  
Hunter Industries Inc. ●  
Hydro-Rain Inc. ●  
Imperial Sprinkler Supply Inc.  
In-Situ  
IPEX USA LLC  
Irrigation Components  
International Inc. ●  
Irrigation Training & Research Center  
Irrigation Solutions  
Irrigazette  
Irritec USA  
Irrrometer Company Inc.  
JCM Industries Inc.  
JM Eagle Inc.  
Juniper Systems, Inc.  
Kasco Marine Inc.  
Kifco Inc.  
King Innovation  
KJ Ketterling Enterprises LLC  
K-Rain Manufacturing Corp.  
Kroy Industries  
Kuriyama of America  
KZ Valve  
Lake Company  
Landscape Products ●  
LASCO Fittings Inc.  
LeakTronics ●  
Leemco Inc.  
Lindsay Corporation ●  
Maillefer, SA  
Matco-Norca Inc.  
Maximum H2O  
Mazzei Injector Company LLC  
McCrometer Inc.  
Meras Water Solutions ●  
Midland Industries ●  
MiniTrencher  
Motorola / Mottech Water Solutions  
Munro ●  
Murray Corporation  
Nebraska Irrigation ●  
Nelson Irrigation Corp. ●  
Netafim USA ●  
Oatey Company  
OCMIS Irrigation North America  
c/o Allen Intl.  
Oldcastle Infrastructure ●  
OptConnect ●  
Orenco Controls  
Orival, Inc.  
Paige Electric Company, LP ●  
Phytech US Inc. ●  
Pierce Corporation  
Plastica Alfa SPA  
Ponaflex Hose Manufacturing Inc.  
Praxxis

Pro Products LLC  
PSG, a Dover Company  
QCSC ●  
Rachio Inc.  
Rain Bird Corporation ●  
Ranch Systems Inc.  
Regency Wire & Cable ●  
Responsive Drip Irrigation LLC  
Rivulis ●  
Roth North America  
Seametrics ●  
Sentek USA  
Shine On Lighting  
Simple Flow Inc. ●  
SiteOne Landscape Supply ●  
Smart Rain  
SNF Inc.  
Soileau Industries Inc.  
Sollos Landscape Lighting  
Southwire Company LLC  
Spears Manufacturing Company  
Spectrum Technologies Inc.  
Spherag Teck IoT ●  
SRW Products  
Sterling Lighting LLC ●  
Stevens Water Monitoring System Inc. ●  
StrongBox  
Subeca Inc.  
T&C Mfg & Operating Inc.  
Tech-Bond Solutions ●  
TECO Irrigation  
Telaqua ●  
Tempo Communications  
The Toro Company ●  
T-L Irrigation Company  
Travis Pattern & Foundry  
TreeDiaper ●  
TriBus LLC  
Tsurumi America Inc.  
Tucor Inc.  
Underhill International Corp.  
Universal Irrigation Sales Corp.  
Universal Motion Components ●  
Valley Irrigation ●  
Valplastic USA LLC ●  
Valterra Products LLC  
Vectorworks Inc.  
Vinduino LLC  
VPC Sales/Valencia Pipe Company  
WAC Lighting  
Wade Rain ●  
Waterman Valve LLC  
Watertronics  
Watts Water Technologies  
Weathermatic  
Weld-On Adhesives Inc.  
Wiseconn Engineering Inc.  
XCAD Valve & Irrigation Inc. ●  
Yardney Water Management  
Systems Inc.

## FEATURED PRODUCTS & SYSTEMS

Aerators  
Alternate water sources equipment  
Backflow prevention equipment  
Canal automation equipment  
Center pivot/lateral move systems  
& components  
Chemical & fertilizer equipment  
Clamps & pipe restraints  
Computer software design &  
management  
Consulting services  
Controllers  
Couplings  
Data loggers  
Drainage systems & fittings  
Drip/microirrigation systems &  
components  
Electric motors & components  
Enclosures  
Fittings  
Flags, tape & marking products  
Flow controls, sensors & meters  
Freeze protection  
Gated pipe systems & components  
Gauges  
Global positioning systems  
Geographic information systems  
Greenhouse/nursery products  
Hand move systems & components  
Hand tools  
Landscape lighting & products  
Liners & moisture sealant products  
Locators - electrical/pipe &  
metal detectors  
Misting & cooling systems  
Pipe & accessories  
Pond & water features equipment  
& supplies  
Pressure fittings, gauges &  
regulators  
Pumps & pump drives, stations  
& controls  
Rain sensors  
Rainwater harvesting equipment  
Remote control products  
Side roll systems & components  
Soil moisture sensors  
Solid set systems & components  
Spray nozzles  
Sprinkler systems & components  
Storage tanks  
Swing joints  
Travelers - hose, reels & components  
Valves & valve boxes  
Wastewater  
Water disinfection equipment  
Water features & fountains  
Water filters, strainers & sand  
separators  
Water resources management  
Water treatment  
Weather monitoring equipment  
Well screens  
Wire & wire connectors

● Premium members ● First-time exhibitor members



# Support is everything.

## Thank you, 2021 Irrigation Show sponsors.

The Irrigation Association is pleased to host this annual trade show and education week and sincerely thanks these sponsors for their generous support. An event of this size and caliber would not be possible without the numerous companies that support the IA through show sponsorship. The IA commends these sponsors for their continued commitment to the agriculture, landscape and golf irrigation industries.

The following listing includes show sponsors as of Aug. 1, 2021.

### Platinum Sponsors



Badge lanyards



Craft Brewfest



Trade show bags



Stronger Together

IA University (landscape) & certification exams

### Gold Sponsor



Notepads and pens



Do you want to see your company's logo on this page?

Contact Business Development Director **STEPHANIE CLARK** at [stephanieclark@irrigation.org](mailto:stephanieclark@irrigation.org) or 703.472.5810 to learn about sponsorship opportunities.

### Silver Sponsors



Backlit panel boxes



Charging stations & lounges



IA University (ag)



Aisle banners (ag)



Product demo



Representing the Green Industry since 1991

Backlit panel box



**ASABE/IA 6TH DECENNIAL**

# **National Irrigation Symposium**

**You'll have to wait another 10 years if you miss it!**

The IA is excited to partner with the ASABE to hold this Irrigation Symposium in conjunction with the 2021 Irrigation Show. The event occurs every 10 years and gives attendees the opportunity to gain insights and new information from presentations covering relevant topics in the agricultural and landscape irrigation industries.



The American Society of Agricultural and Biological Engineers is an educational and scientific organization dedicated to the advancement of engineering applicable to agricultural, food and biological systems. Founded in 1907 and headquartered in St. Joseph, Michigan, ASABE comprises members in more than 100 countries. ASABE is dedicated to promoting engineering in food, water, energy, fiber and environment.



# ASABE/IA 6th Decennial National Irrigation Symposium

## Hear from today's top irrigation researchers & professionals

**Presentations** | Monday, Dec. 6-Wednesday, Dec. 8

The ASABE/IA 6th Decennial National Irrigation Symposium is the ideal opportunity to learn about the recent progress and status of irrigation research, extension, planning and management activities. Technology end users, technical service providers, water planners and managers, industry experts, researchers and extension specialists, and government agency staff can all benefit from this program.

**Here's a taste of new and different topics you can hear about during this year's Irrigation Symposium:**

- special first-day overview of irrigation in the 2020s
- evapotranspiration: its estimation and usage in irrigation management
- turf and landscape irrigation
- irrigation scheduling: improvements in methods and adoption rates
- status of irrigation systems (sprinkler, VRI, microirrigation and surface)
- irrigation in a humid region
- innovations in technology transfer
- sensors and technology for irrigation management

Over  
**75**  
ag & landscape  
presentations  
available!

These presentations vary from 20 to 25 minutes with scheduled time for questions and comments from the audience. They will help chart a path for irrigation progress in the next 10 years. You won't want to miss this important business and networking event.



# Take a class and grow your knowledge.

**IA University** | Monday, Dec. 6-Thursdays, Dec. 9

The core curriculum for irrigation professionals, IA University classes are offered every year to ensure you have the fundamental and practical skills necessary to design, install or maintain an irrigation system, as well as the business skills to manage a small irrigation company.

## IA University classes include

- real-world applications and irrigation case studies.
- current techniques, field-tested results and best practices.
- instructors with industry expertise and proven teaching experience.

## Choose the class that's right for you:

**Beginner** — for individuals with no or very limited irrigation experience.

**Intermediate** — for individuals with basic knowledge of irrigation concepts and techniques and some experience in the field.

**Advanced** — for individuals with an in-depth understanding of irrigation concepts and techniques and extensive experience in the field.

IA University classes are priced separately and are not included in the Irrigation Show registration fee. Each class registration includes access to the exhibit hall and the Craft Brewfest on the hall floor.

*Classes are taught in Imperial units.*



**IA University  
instructors have  
extensive industry  
expertise.**

IA University sponsored by



## Pumps & Soils

### Irrigated Soils

**Intermediate** | Agriculture, Landscape & Golf | 2 CEUs

Learn the essentials of the soil-water relationship. This course covers soil components, formation, physical properties and textural classes; water movement in the soil; and water uptake by plants.

**Instructor(s)**  
Kurt Thompson, CGIA, CIC, CID, CIT, CLIA, CLWM, K. Thompson and Associates LLC

**Date & Time**  
**Thursday, Dec. 9**  
8:00 a.m.-10:00 a.m.

**Fee\***  
Member \$130  
Nonmember \$170  
(includes workbook)

### Understanding Pumps (formerly Pumps & Pumping Systems)

**Beginner** | Agriculture, Landscape & Golf | 4 CEUs

Learn about the types of pumps used in irrigation, pump performance, reading pump curves, making pump selections and an intro to basic pump controls.

**Instructor(s)**  
Rick Arena, CIC, CID, CLIA, SiteOne Landscape Supply & Bob Jansen, CID, Cornell Pump Company

**Thursday, Dec. 9**  
8:00 a.m.-12:00 p.m.

Member \$190  
Nonmember \$240  
(includes handouts)

### Pump Controls & Package Systems (formerly Advanced Pumps)

**Advanced** | Agriculture, Landscape & Golf | 4 CEUs

Learn about pump controls with a focus on variable frequency drives as well as "packaged" pump stations.

**Instructor(s)**  
Rick Arena, CIC, CID, CLIA, SiteOne Landscape Supply & Bob Jansen, CID, Cornell Pump Company

**Thursday, Dec. 9**  
1:00 p.m.-5:00 p.m.

Member \$190  
Nonmember \$240  
(includes handouts)

### Soil-Plant-Air-Continuum

**Advanced** | Agriculture, Landscape & Golf | 3 CEUs

Master advanced concepts related to the soil-plant-air-continuum. This course covers how plants use water for transpiration and photosynthesis, store energy from the sun for use by other living things, and use and emit carbon and oxygen in a continuous cycle that is essential to life.

**Instructor(s)**  
John Raffiani, NJLIC, CIC, CIT, Raffiani's Automatic Sprinkler Service

**Thursday, Dec. 9**  
2:00 p.m.-5:00 p.m.

Member \$160  
Nonmember \$210  
(includes workbook)

\*Fee is based on registration by Oct. 31



Agriculture	Instructor(s)	Date & Time	Fee*
<b>Agricultural Drip/Micro Design</b> Advanced   Agriculture   16 CEUs Design efficient, economic irrigation systems for orchards and row crops. Two full days cover crop requirements, filtration, pumping, pressure regulation and emitter/sprayer selection. Recommended review for the certified irrigation designer drip/micro specialty exam.	John Maxwell, CAIS, CID, Maxwell Irrigation	<b>Monday, Dec. 6</b> 8:00 a.m.-5:00 p.m. (Day 1) <b>Tuesday, Dec. 7</b> 8:00 a.m.-5:00 p.m. (Day 2)	Member \$375 Nonmember \$475 (includes manual)
<b>Center Pivot Design</b> Advanced   Agriculture   16 CEUs Understand center pivot design and system management. Two full days cover theory and practical applications, including nozzle selection, application rates and scheduling. Recommended class preparation includes Principles of Irrigation.	Steve McCoon, CID, CLIA, Nelson Irrigation Corp. & Blake Reid, CAIS, CID, Reid Bros. Irrigation & Equipment Co. LLC	<b>Monday, Dec. 6</b> 8:00 a.m.-5:00 p.m. (Day 1) <b>Tuesday, Dec. 7</b> 8:00 a.m.-5:00 p.m. (Day 2)	Member \$350 Nonmember \$450 (includes manual)
<b>Principles of Irrigation: Agriculture</b> Intermediate   Agriculture   16 CEUs Master theory and application principles for agriculture in this intensive session. Two full days cover soil-water-plant relationships, advanced hydraulics, electricity, pumps, valves and irrigation equipment. Recommended review for the certified irrigation designer general agriculture exam.	Mark Crookston, PE, CAIS, CIC, CID, CIT, CLIA, CLWM, Irrigation Innovation Consortium	<b>Monday, Dec. 6</b> 8:00 a.m.-5:00 p.m. (Day 1) <b>Tuesday, Dec. 7</b> 8:00 a.m.-5:00 p.m. (Day 2)	Member \$350 Nonmember \$450 (includes manual)
<b>Agricultural Irrigation Specialist</b> Advanced   Agriculture   13 CEUs Master irrigation management for surface (furrow and border strip) and pressurized (micro and sprinkler) systems. This one-and-a-half-day session includes irrigation volume and frequency, evapotranspiration and crop coefficients, scheduling, and salinity effects. This class is recommended as a review for the certified agricultural irrigation specialist exam.	Franklin Gaudi, EdD, CCA, CAIS, CIC, CID, ITRC, Cal Poly State University	<b>Tuesday, Dec. 7</b> 8:00 a.m.-5:00 p.m. (Day 1) <b>Wednesday, Dec. 8</b> 8:00 a.m.-1:00 p.m. (Day 2)	Member \$300 Nonmember \$400 (includes manual)
Landscape & Golf	Instructor(s)	Date & Time	Fee*
<b>Electrical Troubleshooting: Diagnosing Field Wiring Problems</b> Beginner   Landscape & Golf   4 CEUs Save time and money with this practical course in electrical troubleshooting. This half-day class covers diagnosing field wiring problems and proper use of volt-ohm meters. Learn to systematically assess and resolve confusing electrical problems.	Craig Borland, CIC, CID, CIT, CLIA, CLWM, The Toro Company & Frederick Hall, CIC, CID, CLIA, K-Rain Manufacturing Corp.	<b>Monday, Dec. 6</b> 8:00 a.m.-12:00 p.m.	Member \$190 Nonmember \$240 (includes workbook)
<b>Irrigation Components for Residential/Small Commercial Systems</b> Beginner   Landscape   4 CEUs Increase your understanding of components for residential and small commercial irrigation systems. This half-day course covers system components from the point of connection to the point of water application, including how control systems, valves, sprays and rotors work.	Thomas Glazener, CGIA, CIC, CID, CLIA, CLWM, Pacific Sports Turf & John Raffiani, NJLIC, CIC, CIT, Raffiani's Automatic Sprinkler Service	<b>Monday, Dec. 6</b> 8:00 a.m.-12:00 p.m.	Member \$190 Nonmember \$240 (includes workbook)
<b>Landscape Irrigation Auditor</b> Intermediate   Landscape   16 CEUs Learn how to assess irrigation system performance. This two-day session covers field tests and calculating accurate watering schedules based on plant water use, soils and local weather data. Recommended review for the certified landscape irrigation auditor exam.	Rick Malkin, Rain Bird Corporation & Andy Slack, CAIS, CGIA, CIC, CID, CIT, CLIA, CLWM, Slack Landscape & Irrigation	<b>Monday, Dec. 6</b> 8:00 a.m.-5:00 p.m. (Day 1) <b>Tuesday, Dec. 7</b> 8:00 a.m.-5:00 p.m. (Day 2)	Member \$350 Nonmember \$450 (includes manual)

\*Fee is based on registration by Oct. 31

IA University sponsored by

**Register by Oct. 31 and take advantage of our early bird rates.**

Register for three or more classes by Oct. 31 and save 5% on your class registration fee. When prompted, enter coupon code "3classes" in your shopping cart to receive the discount. *Early registration is encouraged to receive discounted pricing and a guaranteed seat.*



<b>Landscape &amp; Golf</b> <i>(continued)</i>	<b>Instructor(s)</b>	<b>Date &amp; Time</b>	<b>Fee</b>
<b>Landscape Irrigation Contractor</b> <b>Advanced   Landscape   16 CEUs</b> This two-day class is a comprehensive refresher for experienced contractors. Topics include soil-water-plant relationships, hydraulics, basic electricity, grounding, pumps, building codes, scheduling and system uniformity. Recommended review for the certified irrigation contractor exam.	Kevin McCaleb, CGIA, CIC, CID, CLIA, City of Lake Oswego & Kurt Thompson, CGIA, CIC, CID, CIT, CLIA, CLWM, K. Thompson and Associates LLC	<b>Monday, Dec. 6</b> 8:00 a.m.-5:00 p.m. (Day 1) <b>Tuesday, Dec. 7</b> 8:00 a.m.-5:00 p.m. (Day 2)	Member \$350 Nonmember \$450 <i>(includes manual)</i>
<b>Landscape Irrigation Design</b> <b>Beginner   Landscape   16 CEUs</b> Take your landscape designs to the next level. This fast-paced course covers basic hydraulics, sprinkler head layout, zoning, pipe sizing, routing and matched precipitation rate principles. Students will complete two designs during the two-day class.	Don Davis, CIC, CID, SiteOne Landscape Supply & Nick Millward, CIC, CID, CIT, CLIA, CLWM, City Rain Inc.	<b>Monday, Dec. 6</b> 8:00 a.m.-5:00 p.m. (Day 1) <b>Tuesday, Dec. 7</b> 8:00 a.m.-5:00 p.m. (Day 2)	Member \$350 Nonmember \$450 <i>(includes manual)</i>
<b>Principles of Irrigation: Landscape</b> <b>Intermediate   Landscape &amp; Golf   16 CEUs</b> Master theory and application principles for turf-landscape in this intensive session. Two full days cover soil-water-plant relationships, advanced hydraulics, electricity, pumps, valves and irrigation equipment. Recommended review for the certified irrigation designer general landscape/turf exam.	Brian Vinchesi, EIT, FASCI, LEED AP, CGIA, CIC, CID, CLIA, CLIM, CLWM, Irrigation Consulting Inc.	<b>Monday, Dec. 6</b> 8:00 a.m.-5:00 p.m. (Day 1) <b>Tuesday, Dec. 7</b> 8:00 a.m.-5:00 p.m. (Day 2)	Member \$350 Nonmember \$450 <i>(includes manual)</i>
<b>Advanced Irrigation Wiring Methods &amp; Troubleshooting</b> <b>Intermediate   Landscape &amp; Golf   4 CEUs</b> Master wiring for today's sophisticated control systems. Learn about different types of transformers, proper phasing (primary and secondary), diagnosing problems using different meters, wire sizing for communication cables and two-wire systems, DC controllers, special solenoids, and proper splicing techniques.	Craig Borland, CIC, CID, CIT, CLIA, CLWM, The Toro Company & Thomas Glazener, CGIA, CIC, CID, CLIA, CLWM, Pacific Sports Turf	<b>Monday, Dec. 6</b> 1:00 p.m.-5:00 p.m.	Member \$190 Nonmember \$240 <i>(includes manual)</i>
<b>Two-Wire Technology Systems for Landscapes</b> <b>Advanced   Landscape &amp; Golf   4 CEUs</b> Advance your troubleshooting skills for two-wire systems. This class will address typical problems and diagnoses, procedures to avoid typical two-wire problems, and hands-on practice in solving problems in a classroom setting. You will also learn how to design and install flow sensors, decoders and grounding systems to protect expensive equipment.	Craig Borland, CIC, CID, CIT, CLIA, CLWM, The Toro Company & Shawn C. Sandink, SiteOne Landscape Supply	<b>Tuesday, Dec. 7</b> 8:00 a.m.-12:00 p.m.	Member \$190 Nonmember \$240 <i>(includes workbook)</i>
<b>Advanced Landscape Irrigation Design &amp; Management</b> <b>Advanced   Landscape &amp; Golf   8 CEUs</b> Improve landscape water efficiency with better design, including uniformity, equipment selection and technology. This full-day session will address advanced irrigation concepts.	Frederick Hall, K-Rain Manufacturing Corp.	<b>Wednesday, Dec. 8</b> 8:00 a.m.-5:00 p.m.	Member \$270 Nonmember \$350 <i>(includes manual)</i>
<b>Alternative Water for Landscape Irrigation</b> <b>Advanced   Landscape &amp; Golf   8 CEUs</b> Targeted at experienced designers, this full-day course covers the basics of sustainable irrigation systems. Topics include using reclaimed water and rainwater harvesting and how they apply to LEED and other sustainability programs.	Kevin McCaleb, CGIA, CIC, CID, CLIA, City of Lake Oswego	<b>Wednesday, Dec. 8</b> 8:00 a.m.-5:00 p.m.	Member \$270 Nonmember \$350 <i>(includes manual)</i>

\*Fee is based on registration by Oct. 31


**FREE!**

## Math Tutorial

**Tuesday, Dec. 7 | 6:00 p.m.-8:00 p.m.**

 Rick Malkin, Rain Bird Corporation & Franklin Gaudi, EdD,  
 CCA, CAIS, CIC, CID, ITRC, Cal Poly State University

Don't let anything stand in the way of exceptional performance in the field, in IA University classes and on certification exams. This two-hour tutorial is an intensive review of the most common calculations and formulas used in irrigation system design, installation, audits and maintenance.

IA University sponsored by


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 WATER SOLUTIONS  
 Agricultural | Industrial | Food Safety | Legionella


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 LANDSCAPE SUPPLY  
 Stronger Together



<b>Landscape &amp; Golf</b> <i>(continued)</i>	<b>Instructor(s)</b>	<b>Date &amp; Time</b>	<b>Fee</b>
<b>Landscape Drip Irrigation Design &amp; Management</b> <b>Intermediate   Landscape   8 CEUs</b> Incorporate drip irrigation in landscape applications with this comprehensive review of key design elements, including emitter selection, system layout, applications and scheduling. This full-day session covers line and point source products.	<i>Nick Millward, CIC, CID, CIT, CLIA, CLWM, City Rain Inc. &amp; John Raffiani, NJLIC, CIC, CIT, Raffiani's Automatic Sprinkler Service</i>	<b>Wednesday, Dec. 8</b> 8:00 a.m.-5:00 p.m.	Member \$270 Nonmember \$350 <i>(includes manual)</i>
<b>Landscape Irrigation Technician</b> <b>Beginner   Landscape &amp; Golf   8 CEUs</b> Learn the basics of hydraulics and irrigation system installation and maintenance, including an overview of irrigation system components and how they operate. Learn about gluing and repairing PVC pipe, installing nozzles and adjusting heads, setting and repairing electric valves, and field and controller wiring techniques. Recommended review for the certified irrigation technician exam.	<i>Mark Crookston, PE, CAIS, CIC, CID, CIT, CLIA, CLWM, Irrigation Innovation Consortium &amp; Daniel R. Veltema, CID, CIT, CLIA, Spring Brook Supply</i>	<b>Wednesday, Dec. 8</b> 8:00 a.m.-5:00 p.m.	Member \$270 Nonmember \$350 <i>(includes manual)</i>
<b>Landscape Water Management &amp; Planning</b> <b>Intermediate   Landscape   8 CEUs</b> Learn how to create water budgets, develop irrigation schedules, document water usage, and plan for periods of drought. This full-day class will help attendees maximize the benefits of smart technology and work effectively with water providers.	<i>Rick Malkin, Rain Bird Corporation</i>	<b>Wednesday, Dec. 8</b> 8:00 a.m.-5:00 p.m.	Member \$270 Nonmember \$350 <i>(includes handouts)</i>
<b>Hydraulic Troubleshooting</b> <b>Intermediate   Landscape   4 CEUs</b> Review the essentials of hydraulics for properly working landscape irrigation systems. This half-day class covers troubleshooting, design, system upgrades and more.	<i>Craig Borland, CIC, CID, CIT, CLIA, CLWM, The Toro Company</i>	<b>Thursday, Dec. 9</b> 1:00 p.m.-5:00 p.m.	Member \$190 Nonmember \$240 <i>(includes manual)</i>
<b>Landscape Business Basics</b>	<b>Instructor(s)</b>	<b>Date &amp; Time</b>	<b>Fee</b>
<b>The Business of Landscape Irrigation Contracting</b> <b>Intermediate   Business   2 CEUs</b> Be exposed to current business practices in strategic planning, business finances and marketing through presentations, group discussions and exercises on best practices. This is designed to be an engaging day focused on business management that irrigation contractors can use to successfully grow their companies.	<i>John Eggleston, CIC, CID, CLIA, Service First Irrigation</i>	<b>Monday, Dec. 6</b> 8:00 a.m.-5:00 p.m.	Member \$270 Nonmember \$350 <i>(includes manual)</i>
<b>Managing a Landscape Irrigation Service Company: Water Management &amp; Technology</b> <b>Intermediate   Business   1 CEU</b> Develop an understanding of the differences between an installation and a service business and how today's service business has changed into a "landscape water management business." Explore the tools and technologies impacting this type of business.	<i>John Eggleston, CIC, CID, CLIA, Service First Irrigation &amp; Chris Pine, CIC, CID, CIT, CLIA, CLWM, Irritech Training Inc.</i>	<b>Tuesday, Dec. 7</b> 8:00 a.m.-12:00 p.m.	Member \$190 Nonmember \$240 <i>(includes handouts)</i>
<b>Managing a Landscape Irrigation Service Company: Technicians, Pricing &amp; Marketing</b> <b>Intermediate   Business   1 CEU</b> Explore the difficulties contractors encounter and discover strategies for finding, hiring, training and keeping service technicians. The course will also present hands-on models for pricing and discuss marketing topics.	<i>John Eggleston, CIC, CID, CLIA, Service First Irrigation &amp; Chris Pine, CIC, CID, CIT, CLIA, CLWM, Irritech Training Inc.</i>	<b>Tuesday, Dec. 7</b> 1:00 p.m.-5:00 p.m.	Member \$190 Nonmember \$240 <i>(includes handouts)</i>
<b>Bidding &amp; Estimating Landscape Irrigation Systems</b> <b>Intermediate   Business   2 CEUs</b> Develop bids that win jobs based on accurate estimates that keep your company in the black. This full-day course includes hands-on practice on the best contractor bidding systems. This class requires a laptop with Microsoft Office Excel 1997 or later (no MacBook or other Apple product).	<i>John Eggleston, CIC, CID, CLIA, Service First Irrigation; Jim Huston, J.R. Huston Consulting Inc. &amp; John Newlin, CIC, CIT, CLIA, Quality Sprinkling Systems Inc.</i>	<b>Wednesday, Dec. 8</b> 8:00 a.m.-5:00 p.m.	Member \$350 Nonmember \$450 <i>(includes manual/software)</i>

\*Fee is based on registration by Oct. 31





# Climb to new heights. Get certified.

**Select Certified®**  
IRRIGATION ASSOCIATION

## Certification

Certification exams sponsored by



## Certification Exams | Tuesday, Dec. 7-Friday, Dec. 10

The IA's Select Certified program sets the bar for industry professionals, recognizing exceptional commitment to efficient water management and irrigation best practices. This program is the most rigorous in the industry and provides an impartial, third-party endorsement of your knowledge and experience.

### IA certification

- prepares you for greater on-the-job responsibility.
- opens doors to new projects and employment opportunities.
- documents your expertise for potential clients and employers.
- demonstrates your personal professional achievement.

## Get Ready to Get Certified

1. **Choose the right program.** Visit [www.selectcertified.org](http://www.selectcertified.org) to learn more about each program's requirements.
2. **Pick a date.** Find a date that works with your schedule or take the exam at your convenience with computer-based testing (learn more at [www.irrigation.org/certificationcibt](http://www.irrigation.org/certificationcibt)).
3. **Register in advance.** Exams at the show require advance registration and a separate fee. Visit [www.irrigation.org/showexams](http://www.irrigation.org/showexams) to register by Nov. 19.
4. **Prepare for success.** Find self-study resources at [www.irrigation.org/examprep](http://www.irrigation.org/examprep) or register to take an IA education class at the show for a final review.

## Examination Options

- Certified Agricultural Irrigation Specialist (CAIS)
- Certified Golf Irrigation Auditor (CGIA)
- Certified Irrigation Contractor (CIC)
- Certified Irrigation Designer — Agriculture General & Specialty (CID-Ag)
- Certified Irrigation Designer — Landscape/Turf General & Specialty (CID-L/T)
- Certified Irrigation Technician — English & Spanish (CIT)
- Certified Landscape Irrigation Auditor (CLIA)

## Dates & Times

- **Tuesday, Dec. 7** | 1:00 p.m.-6:00 p.m.
- **Wednesday, Dec. 8** | 1:00 p.m.-6:00 p.m.
- **Thursday, Dec. 9** | 1:00 p.m.-6:00 p.m.
- **Friday, Dec. 10** | 8:00 a.m.-1:00 p.m.



**NEW!**

All exams are  
available for each  
time slot.

# There's more!

## Common interest groups and affiliate events round out the show.

### Common Interest Groups

Expand your personal network at an Irrigation Association common interest group meeting. Common interest groups bring together irrigation professionals to discuss shared issues related to a specific technology, specialty or end-use market.

*No advance registration required.*

#### DRIP/MICRO IRRIGATION

**Thursday, Dec. 9 | 8:00 a.m.-9:30 a.m.**

This common interest group focuses on opportunities to promote and grow the drip/micro market in agriculture. Learn what is new in the world of research at various universities across the country. Discuss the current advocacy issues and standards concerning our industry with your IA peers. Join us at the Drip/Micro Irrigation CIG and help the IA advance this market.

#### SUSTAINABILITY

**Thursday, Dec. 9 | 1:30 p.m.-3:00 p.m.**

The future of the irrigation industry is at our fingertips. Does our future account for the economic, social and environmental benefits of our society? In other words, are we sustainable? Participate in the IA's Sustainability CIG focusing on sustainable solutions to our industry's challenges. This group will look at everything from product end life to recycling to the role irrigation plays in our everyday lives. Whether you are a manufacturer, dealer, distributor, consultant, contractor or water provider, you play a role in the long-term sustainability of the irrigation industry. Come discuss how you can be part of the solution.

### Certified Low Voltage Lighting Technician (CLVLT) Exam

**Tuesday, Dec. 7 | 7:30 a.m.-5:00 p.m.**

The CLVLT exam is administered by the Association of Outdoor Lighting Professionals and is the only national certification of its kind. With no clearly defined national standards for low voltage outdoor lighting, AOLP created this standardized certification test to address the lack of standards that presently exist. The CLVLT exam measures the knowledge and capabilities of applicants and is specifically for 12-volt systems. The test consists of seven half-hour labs and a written exam. There is no classroom instruction prior to the exam. Upon receiving a passing grade, applicants are listed as Certified Low Voltage Lighting Technicians (CLVLT). Set yourself apart from the competition, gain respect, acquire knowledge and invest in your future.

**Registration fee:** AOLP member \$450 | Nonmember \$675

**To register:** <https://aolponline.org/clvlt>

**Questions?** Email [certification@aolponline.org](mailto:certification@aolponline.org) or call 717.238.2504.

*This exam requires advanced registration; on-site registration will not be available.*



**AOLP**  
Association of Outdoor Lighting Professionals



#### Photos

Top: ©AOLP, Heinrich Fischer, COLD, and John Niggli, CLVLT, COLD

Bottom: ©AOLP, Matt Nicol





WHAT ARE YOU WAITING FOR?

# Get registered today.

The 2021 Irrigation Show and Education Week is **the place to be** for top-notch professional development and networking opportunities. If you're looking to keep up with the industry's hottest new technologies, best practices and innovative ideas, then don't wait another minute to register!

Register online: [www.irrigationshow.org](http://www.irrigationshow.org)

**Register by Oct. 31** and save on registration, the Irrigation Symposium and IA University.

## Registration Types

This year we will have three registration types:

- **Irrigation Show** — This registration type provides access to the exhibit hall and the Craft Brewfest on the show floor.
- **Irrigation Show + Symposium** — This registration type provides access to the exhibit hall, Craft Brewfest on the show floor and the ASABE/IA 6th Decennial National Irrigation Symposium sessions.
- **IA University** — When signing up for one or more classes, you receive access to the exhibit hall and the Craft Brewfest on the show floor.

For questions and assistance, contact the Irrigation Association at [registration@irrigation.org](mailto:registration@irrigation.org) or by calling 703.536.7080.

## POLICIES

**Registration fees:** Credit card payment is required; credit cards accepted include VISA, MasterCard, Discover and American Express. All fees are subject to verification, including confirmation of member status. The IA will adjust fees as needed to correct math and other errors.

**Member pricing:** Member pricing is available to members of the Irrigation Association and the American Society of Agricultural and Biological Engineers. ASABE members can obtain a coupon code from the ASABE.

**Cancellation & privacy policy:** Written cancellation and refund requests must be received by Oct. 15, 2021, for a full refund. Cancellations received between Oct. 16 and Nov. 15, 2021, will receive a 50% refund. No refunds will be given for cancellations after Nov. 15, 2021, or for no-shows. Cancellations and refund requests must be emailed to [registration@irrigation.org](mailto:registration@irrigation.org) or faxed to 703.536.7019.

By registering for the Irrigation Show and Education Week, you agree to receive material via email or mail from the Irrigation Association, exhibitors, show sponsors and IA partners. Attendees recognize that their photograph and/or likeness may be used for promotional purposes and grant the Irrigation Association the right to use their image in promotional materials for the Irrigation Show and other Irrigation Association programs and events. European citizens and residents please email show registration with any concerns.

Registration

Register by  
**OCT. 31**  
and take advantage  
of our early bird  
rates.

## Ways to Save

- **Register early:** Register by Oct. 31 for early bird pricing on Irrigation Show and Irrigation Show + Symposium registration options.
- **Learn more:** Register for three or more classes by Oct. 31 and save 5% on your total registration fee. When prompted, enter coupon code "3classes" in your shopping cart to receive the discount.
- **Become a member:** Discounted pricing is available to IA members and show partner associations. Visit [www.irrigation.org/join](http://www.irrigation.org/join) to become an IA member.
- **Government employees:** If you have a valid government email address (.state, .gov, .mil) you are eligible to receive early bird pricing throughout the show. Register under Irrigation Show Registration (Government & Academia) or Irrigation Show + Symposium (Government & Academia Only) to receive the discount.

**Register early to receive discounted pricing and guarantee a seat!** *Classes with low participation may be canceled.*

IA Member			Nonmember			Government/ Academia
Early	Regular	On-Site	Early	Regular	On-Site	
July 1-Oct. 31	Nov. 1-Dec. 5	Dec. 5 @ 4 p.m.- Dec. 10	July 1-Oct. 31	Nov. 1-Dec. 5	Dec. 5 @ 4 p.m.- Dec. 10	

### Registration Options

Irrigation Show Only	\$49	\$59	\$99	\$69	\$79	\$124	\$49
Irrigation Show + Symposium	\$249	\$259	\$269	\$311	\$324	\$336	\$249

IA Member		Nonmember	
By 11/1	After 11/1	By 11/1	After 11/1

### Education Classes (Advance registration and separate fee required. For exam registration, visit [www.irrigation.org/showexams](http://www.irrigation.org/showexams) by Nov. 19.)

#### Monday, Dec. 6

Agricultural Drip/Micro Design (Monday and Tuesday)	\$375	\$475	\$475	\$615
Center Pivot Design (Monday and Tuesday)	\$350	\$450	\$450	\$575
Landscape Irrigation Auditor (Monday and Tuesday)	\$350	\$450	\$450	\$575
Landscape Irrigation Contractor (Monday and Tuesday)	\$350	\$450	\$450	\$575
Landscape Irrigation Design (Monday and Tuesday)	\$350	\$450	\$450	\$575
Principles of Irrigation: Agriculture (Monday and Tuesday)	\$350	\$450	\$450	\$575
Principles of Irrigation: Landscape (Monday and Tuesday)	\$350	\$450	\$450	\$575
The Business of Landscape Irrigation Contracting	\$270	\$350	\$350	\$460
Advanced Irrigation Wiring Methods & Troubleshooting (half day)	\$190	\$240	\$240	\$320
Electrical Troubleshooting Diagnosing Field Wiring Problems (half day)	\$190	\$240	\$240	\$320
Irrigation Components for Residential/Small Commerical Systems (half day)	\$190	\$240	\$240	\$320

#### Tuesday, Dec. 7

Agricultural Irrigation Specialist (Tuesday and Wednesday)	\$300	\$400	\$400	\$515
Managing an Irrigation Service Company: Technicians, Pricing & Marketing (half day)	\$190	\$240	\$240	\$320
Managing an Irrigation Service Company: Water Management & Technology (half day)	\$190	\$240	\$240	\$320
Two-Wire Technology Systems for Landscapes (half day)	\$190	\$240	\$240	\$320
Math Tutorial (two hours)	\$0	\$0	\$0	\$0

#### Wednesday, Dec. 8

Bidding & Estimating Landscape Irrigation Systems	\$350	\$450	\$450	\$575
Advanced Landscape Irrigation Design & Management	\$270	\$350	\$350	\$460
Alternative Water for Landscape Irrigation	\$270	\$350	\$350	\$460
Landscape Drip Irrigation Design & Management	\$270	\$350	\$350	\$460
Landscape Irrigation Technician	\$270	\$350	\$350	\$460
Landscape Water Management & Planning	\$270	\$350	\$350	\$460

#### Thursday, Dec. 9

Hydraulic Troubleshooting (half day)	\$190	\$240	\$240	\$320
Pump Controls & Package Systems (half day)	\$190	\$240	\$240	\$320
Understanding Pumps (half day)	\$190	\$240	\$240	\$320
Soil-Plant-Air Continuum (three hours)	\$160	\$210	\$210	\$280
Irrigated Soils (two hours)	\$130	\$170	\$170	\$210



# Pack your suitcase.

Here's what you need to know about making travel plans.

Book hotel  
by **NOV. 16** to  
receive special  
show rate.



## *Irrigation Show* and Education Week

### Air Travel

Fly into San Diego International Airport (SAN). The airport is about 3.9 miles from San Diego Convention Center and IA hotels.

### Transportation

For information about public transportation, rental car, ride-share, taxi and shuttle transportation options to and from the airport, please visit [www.san.org/to-from](http://www.san.org/to-from).

### Parking

**Convention Center.** There is a 1,950-vehicle underground parking garage below the building. It has 31 ADA compliant parking stalls with elevator access to the convention center. There are no in-and-out privileges. Overnight and RV parking are not permitted. Parking rates range due to event activity and payment is due upon entry. Rates are set by ACE Parking (619.237.0399) and are subject to change.

**Downtown.** There are several parking options available in downtown San Diego. Visit [www.visitsandiego.com/parking](http://www.visitsandiego.com/parking) for more information.



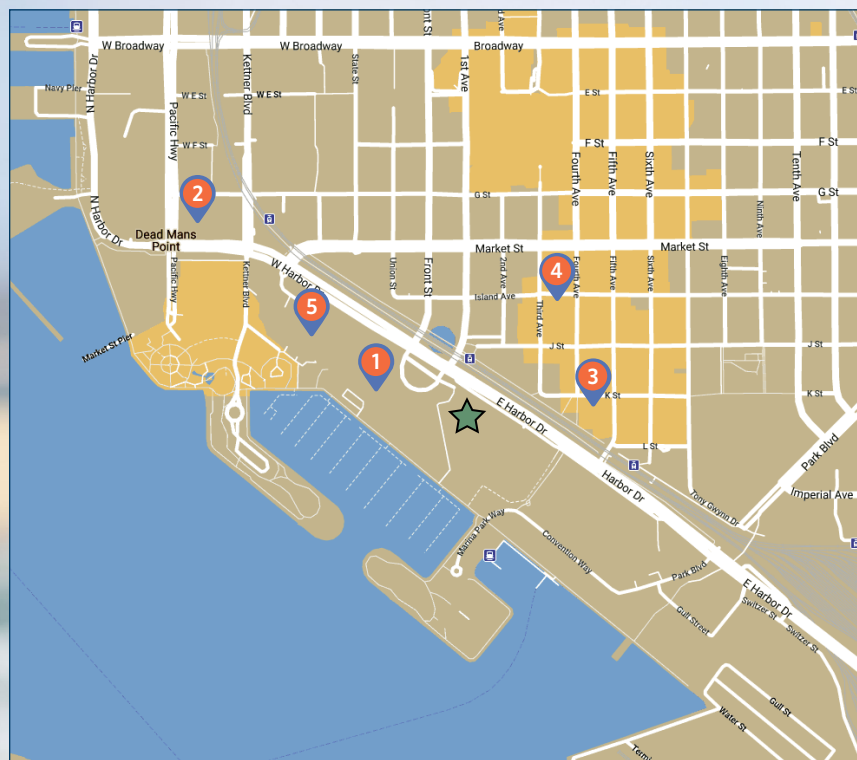
## Hotels

The Irrigation Association has partnered with Connections Housing to offer discounted hotel rates for the 2021 Irrigation Show and Education Week. All hotels are conveniently located near the San Diego Convention Center. Book your room through Connections Housing, the official show housing company, for access to exclusive discounts. All hotels with the exception of the Marriott Marquis San Diego Marina offer complimentary guest room internet. (Internet is available for Bonvoy Members only at the Marriott Marquis San Diego Marina; there is a 50% discount for nonmembers.)

To receive the special show rate, book your hotel at [www.irrigationshow.org](http://www.irrigationshow.org) no later than Nov. 16.

For help, contact Connections Housing (855.4IRRIGATE, 855.447.7442 or [irrigation@connectionshousing.com](mailto:irrigation@connectionshousing.com)).

HQ  
Hotel



- 1 **Marriott Marquis San Diego Marina**  
Room Rate - \$249  
333 West Harbor Drive  
1 block from the convention center
- 2 **Embassy Suites San Diego Bay - Downtown**  
Room Rate - \$165  
601 Pacific Highway  
5 blocks from the convention center
- 3 **Hilton Gaslamp Quarter San Diego**  
Room Rate - \$219  
401 K Street  
3 blocks from the convention center
- 4 **Horton Grand**  
Room Rate - \$179  
311 Island Avenue  
5 blocks from the convention center
- 5 **Manchester Grand Hyatt San Diego**  
Room Rate - \$219  
1 Market Place  
5 blocks from the convention center

RV  
Parks

For those interested in **camping under the stars** in a camper or recreational vehicle, there are several RV parks that provide space close to the San Diego Convention Center. Visit the hotel/travel tab on [www.irrigationshow.org](http://www.irrigationshow.org) for a listing.

## International Travelers

The IA is happy to issue letters of invitation to international attendees and exhibitors applying for a visa application. Visit [www.irrigationshow.org/intl-travelers](http://www.irrigationshow.org/intl-travelers) to download the request form. You must register to attend the Irrigation Show before you submit your request. An IA invitation letter does not guarantee that you will be granted a visa. Find visa application information and instructions from the U.S. Department of State at <https://travel.state.gov>.

## Bag & Coat Check

Bag and coat check will be available at the San Diego Convention Center. It is a safe and secure way to store your items while on the show floor, eliminating the possibility of leaving important, expensive items behind. Bag and coat check will be available Wednesday, Dec. 8, 8 a.m.-5:30 p.m. and Thursday, Dec. 9, 8 a.m.-1:30 p.m. in Lobby C.

*Bag and coat check is complimentary.*





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LEARN.**

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[www.irrigationshow.org](http://www.irrigationshow.org)

The 2021 Irrigation Show and Education Week is a program of the Irrigation Association, a not-for-profit 501(c)(6) organization dedicated to promoting efficient irrigation. Unlike for-profit trade shows, revenue from the Irrigation Show supports IA initiatives to benefit its members and the irrigation industry through advocacy and professional development.

The 2021 show includes an added bonus as the IA co-locates with the American Society of Agricultural and Biological Engineers for its 6th Decennial National Irrigation Symposium.

