



# Resilient Watersheds, Innovative Solutions

**CASQA 2025 Annual Conference**

September 15-17, 2025

**Pasadena Convention Center**

Pasadena, CA



**California Stormwater Quality Association**  
*Dedicated to the Advancement of Stormwater Quality Management, Science and Regulation*

**PROGRAM**

# Welcome

## Dear Conference Attendees:

### Welcome to Pasadena and CASQA's 21st Annual Conference!

CASQA provides a collaborative space where the preeminent thought leaders in California come together to share knowledge, build community, and advance the future of stormwater management. Our 2025 conference theme, *Resilient Watersheds, Innovative Solutions*, emphasizes the importance of resilience – not just in the natural environment, but in the people and communities that steward our watersheds. Resilient watersheds are shaped by our ability to adapt, learn from each other, and implement innovative solutions that advance sustainable stormwater management and foster long-term stewardship.

The cover of this year's annual conference is a testament to resilience. Amigos de los Rios, an Altadena Based 501(c)(3) urban greening non-profit, lost their office to the Eaton Fire and many of their staff have been impacted by fire damage and loss. We are proud to feature their projects on this year's cover, and even more honored to showcase their impactful work in the technical program. Learn more about them on Tuesday at 2pm in Session 8: Climate Change, Resiliency, and Sustainability. If you are interested in supporting the communities impacted by the January 2025 fires, you can find volunteer and donation opportunities through <https://lacounty.gov/relief/> and <https://lacity.gov/LAstrong>.

Just as resilience defines the spirit of our conference theme and our partners, it is also reflected in CASQA's work throughout the year. We know that sustaining our watersheds requires more than technical knowledge – it takes collaboration, commitment, and a shared vision. CASQA's Vision for Sustainable Stormwater Management outlines the path forward, focusing on solutions that maximize stormwater capture, minimize pollution through true source control, increase funding, and value stormwater as a vital resource.

We carry this vision into everything we do – from advocating through regulatory and legislative processes, to providing trusted guidance, training, and outreach. Our work is grounded in science and strengthened through partnerships with our members and allied organizations.

Our 2023-2024 Impact Report (<https://www.casqa.org/about/annual-reports>) highlights the tangible outcomes of these efforts. But the real impact is made possible by you – our members and partners – whose expertise and dedication drive this work forward. We hope this conference offers opportunities to reconnect, exchange ideas, and be inspired to continue the collective effort. As always – together.

Thank you for being part of this resilient and solution-driven community.

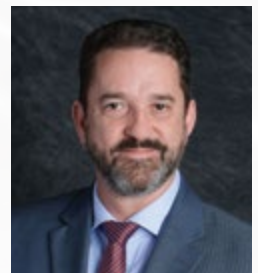
With gratitude,

**Karen Cowan**, *Executive Director*  
California Stormwater Quality Association

**Rob Carson**, *Chair*  
CASQA Board of Directors



Karen Cowan



Rob Carson

# CASQA 2025 Annual Conference

## Contents

- 3 Pasadena
- 6 Conference Map
- 7 Agenda-at-a-Glance
- 8 Technical Tracks
- 9 Field Tours
- 10 Plenary Session
- 10 Keynote Address
- 10 Capstone Session
- 11 Agenda: Sunday – Monday
  - Registration Check-In
  - Welcome Happy Hour
  - Plenary Session
  - Field Tours
- 13 Agenda: Monday (continued)
  - Technical Program
  - Poster Session
  - Networking Event
- 16 Agenda: Tuesday
  - Technical Program
  - Poster Session
  - Exhibitor Reception
- 20 Agenda: Wednesday
  - Technical Program
  - Poster Session
  - Exhibitor Prize Drawing
  - Capstone Session
- 22 Poster Presentations
- 24 2025 CASQA Awardees
- 35 Sponsors
- 38 Exhibit Hall Map and Hours
- 40 Exhibitors
- 46 CASQA Board, Subcommittees, and Staff
- 47 Conference Subcommittee
- 48 CASQA Membership & Support

## Mission

On behalf of California stormwater permittees, CASQA advances sustainable stormwater management protective of California water resources.

## Vision

To advance sustainable stormwater management protective of California resources, CASQA will:

	<b>Lead</b> Define and advocate for policies, regulations, legislation, and solutions that are based in the latest science and implement CASQA's Vision for Sustainable Stormwater Management
	<b>Engage</b> Create opportunities to engage with our members and other organizations to achieve common goals by sharing knowledge, ideas, and best practices
	<b>Educate</b> Produce resources, publications, and events that inform and train stormwater professionals and educate the public
	<b>Support Implementation</b> Publish tools and guidance to support implementation of stormwater programs
	<b>Increase Organizational Capabilities</b> Operate as a high performance organization with the capabilities to achieve the Strategic Plan

## Core Values

<b>Excellence</b>	<b>Leadership</b>	<b>Collaboration</b>	<b>Integrity</b>
<b>Inclusivity</b>	<b>Respect</b>	<b>Service</b>	<b>Stewardship</b>

## Get the Conference App

Personalize your conference experience with our CASQA Annual Conference mobile app for Apple iOS or Android.

- Bookmark presentations and events in the conference agenda to create your own schedule.
- Find meeting rooms, exhibitors, and event locations via interactive maps.
- View speaker & attendee profiles
- Connect with other attendees via the Community, meet-ups, and messaging.





# CRAFTWATER

Clean,  
Abundant  
**Water**

Healthy,  
Vibrant  
**Watersheds**

Safe, Resilient  
**Communities**

From Ideas to  
**Infrastructure**<sup>™</sup>



Scan code to visit  
[craftwater.com](https://craftwater.com)





# Pasadena

Courtesy of Visit Pasadena



## Pasadena Convention Center

The Pasadena Convention Center is the site for the CASQA 2025 Annual Conference and is located in the heart of Pasadena in the Civic Center District.

[Pasadena Convention Center](#)

300 E Green St  
Pasadena, CA 91101

## Things to Do in Pasadena

Pasadena is nestled at the base of the San Gabriel Mountains just 10 miles from downtown Los Angeles. It is home to over 30 nationally registered historic and landmark districts. Visitors can explore the iconic [Huntington Library, Art Museum, and Botanical Gardens](#) including a Japanese garden, a desert garden, and a rose garden, take a stroll through the historic [Old Pasadena district](#) dating back to the 1880s, visit the galleries and sculpture garden of the [Norton Simon Museum](#) home to an extensive collection of art from around the world, or enjoy a nearby hike. [Additional things to do](#). Pasadena enjoys average temperatures in September of 89°F high / 62°F low.

Courtesy of Visit Pasadena



## Visit Pasadena Mobile Passport

Scan or click to sign up for a mobile passport to access a collection of Pasadena attractions, retailers, and options for your evening dining that offer deals and discounts.



Courtesy of Visit Pasadena



Courtesy of Visit Pasadena

**Pasadena Public Works is leading a dynamic, citywide collaboration...**



*... to deliver innovative stormwater management solutions, setting a new standard for sustainability and water quality in the region.*



Stormwater from over **19,500** acres of drainage area to be filtered and treated



Over **3** acres of new park space planned



**Thousands** of community members provided feedback, informing project design



**\$65.5 Million** in funding secured

HOST PROGRAM SPONSOR ^

**THROW AWAY  
YOUR TRASH  
AND KEEP LOS ANGELES  
LITTER-FREE**

Learn more at [WaterforLA.com](https://WaterforLA.com)



@WaterforLA #WaterforLA



SCAN TO LEARN MORE



MUNICIPAL STORMWATER STEWARD ^





# 110 years of water innovation. Confidence in every drop.

Bolder Vision with trusted execution



BLACK & VEATCH



GOLD STORMWATER STEWARD ^

## Innovative Science for Resilient Watersheds

For over 30 years, Casc has delivered field-tested solutions for Stormwater Quality, Watershed Resilience, and Sustainable Infrastructure.



### Select Projects:

- Evaluating biochar applications for urban runoff treatment
- Assessing pervious pavement performance in pollutant removal
- Field trials of erosion control products in desert conditions
- Analyzing pollutant capture from roadside vegetation
- Sampling urban streams for 6PPD-quinone contaminants
- DNA-based microbial source tracking for stormwater diagnostics
- Post-fire aerial reconnaissance using UAV/drone technology
- Trash characterization and speciation in urban environments
- Retrofit solutions for commercial stormwater diversion systems
- Advanced BMP design and treatment innovation for utilities

[www.cascinc.com](http://www.cascinc.com) | [info@cascinc.com](mailto:info@cascinc.com)

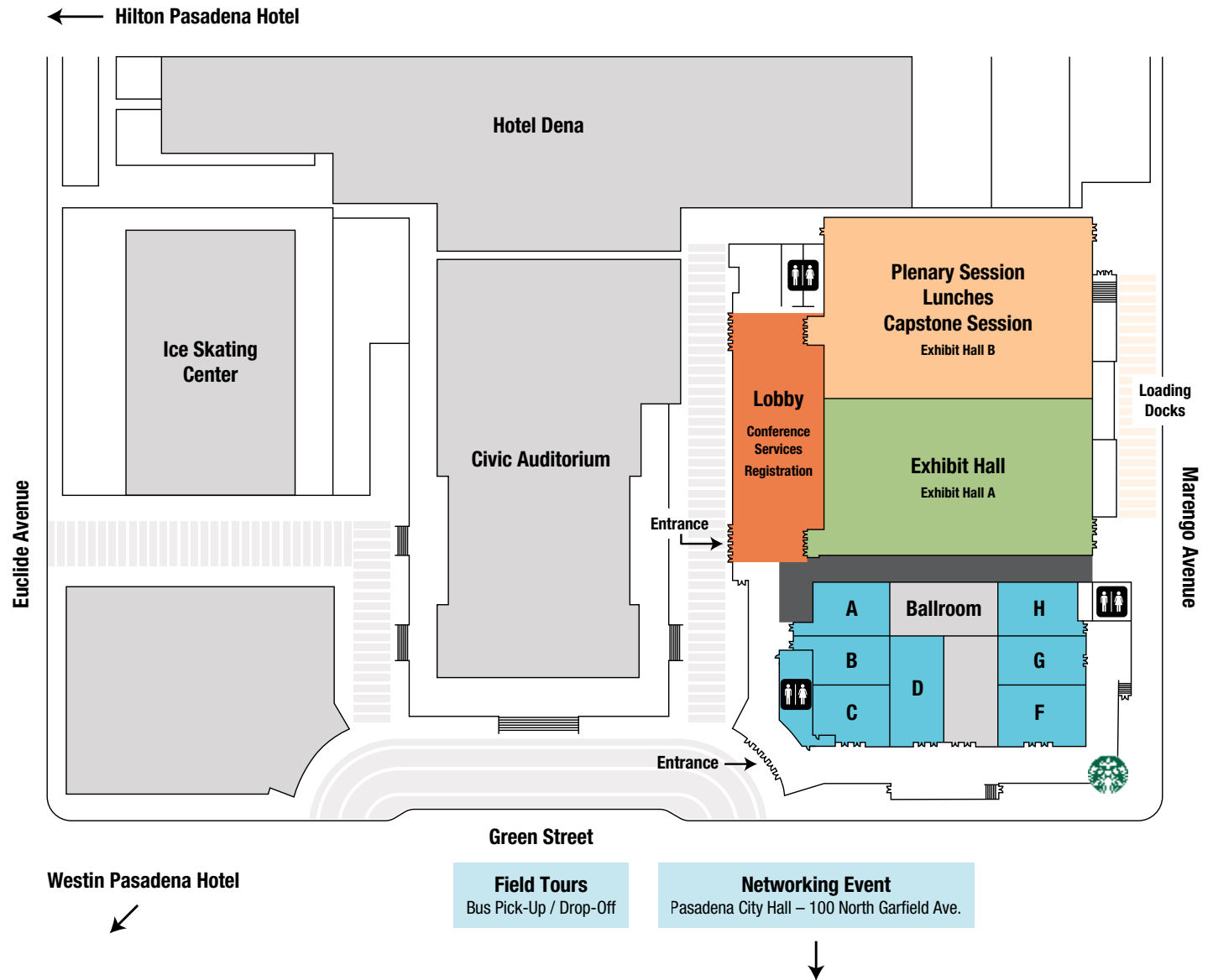
CASC

GOLD STORMWATER STEWARD ^

# Conference Map

## Pasadena Convention Center

(Map not to scale)



- Conference Services / Registration Desk / Welcome Happy Hour (Sun) / Coffee & Break Mon AM
- Plenary Session (Mon) / Lunches / Capstone Session (Wed)
- Technical Sessions
- Field Tour (Mon) / Networking Event (Mon)
- Exhibits / Posters / Breaks Mon PM – Wed AM / Exhibitor Reception (Tue) / Prize Drawing (Wed)



# Agenda-at-a-Glance

For complete details see the Agenda on pages 11 – 21.

Locations are in the Pasadena Convention Center unless stated as Offsite.

## SUNDAY SEPTEMBER 14

### Conference Early Check-In & Welcome Happy Hour

4:00pm – 6:00pm | Lobby

A chance to beat the Monday morning rush by checking in early at the conference and to greet fellow attendees before heading out to dinner (cash bar)

## MONDAY SEPTEMBER 15

### Plenary Session

8:30am - 10:30am | Exhibit Hall B

Opening Remarks, CASQA Award presentations, Keynote Address

### Field Tours

11:00am – 4:00pm | Offsite

Tour 1 – Earvin “Magic” Johnson Park Bus and Walking Tour

Tour 2 – Norton Simon Museum and Berkshire Creek Walking Tour

Attendance is limited and by advance online ticket purchase only

Bus pick-up/drop-off: Pasadena Convention Center (Green Street)

### Multi-Track Technical Sessions

11:00am – 4:55pm | Ballrooms A-H

### Exhibit Hall & Poster Display

11:55am – 6:00pm | Exhibit Hall A

### Networking Event

6:00pm – 9:00pm | Offsite – Pasadena City Hall

Limited to individuals 21 and older and by ticket only. Tickets are not available onsite. (dinner, cash bar)

## TUESDAY SEPTEMBER 16

### Exhibit Hall & Poster Display

8:00am – 6:00pm | Exhibit Hall A

### Multi-Track Technical Sessions

8:30am – 4:35pm | Ballrooms A-H

### Exhibitor Reception

4:35pm – 6:00pm | Exhibit Hall A

An opportunity for exhibitors and conference attendees to connect in a relaxed setting before heading out for dinner (appetizers; cash bar)

## WEDNESDAY SEPTEMBER 17

### Exhibit Hall & Poster Display

8:00am – 11:15am | Exhibit Hall A

### Multi-Track Technical Sessions

8:30am – 12:10pm | Ballrooms A-H

### Exhibitor-Sponsored Prize Drawing

10:30am – 11:15am | Exhibit Hall A

To enter the drawing attendees must visit 10 exhibit booths and drop off their completed drawing card at the CASQA registration desk by 9:00am Wednesday (must be present to win)

### Capstone Session

1:30pm – 2:30pm | Exhibit Hall B

All attendees event featuring a discussion with an exceptional lineup of California leaders.



# Technical Tracks

## BMP and Control Measure Effectiveness Assessment

This track will focus on structural and non-structural BMP performance assessment planning, methods, and guidance for treatment and source control practices. Performance assessment may include performance monitoring, operation and maintenance practices, data-gap analyses, special studies, or other novel approaches.

## Climate Change, Resiliency, and Sustainability

This track will look at climate resiliency and sustainable practices. Topics include climate change adaptation and mitigation, water supply, water rights, groundwater recharge, energy, watershed management, integrating climate resiliency with green stormwater infrastructure, and wildfire planning.

## Construction General Permit

This track will focus on the current Construction General Permit and will include discussions on stormwater-related construction topics including innovative BMPs and controls; Total Maximum Daily Load (TMDL) implementation; passive treatment; challenges and solutions to site management; implementing cost controls; resolving monitoring and sampling issues; navigating the different challenges of linear underground and overhead projects; and other implementation experiences.

## Equity and Environmental Justice

This track will explore the intersection of water management and community impact, with a focus on ensuring fair access to resources, amplifying underrepresented voices, and fostering inclusive decision-making. Discussions will highlight current programs, lessons learned, and strategies for effectively engaging historically underserved communities while integrating diverse perspectives into all aspects of our work.

## Funding

This track will explore strategies for funding and financing stormwater programs and infrastructure. It will also cover asset management, including methods for tracking capital investments, planning for infrastructure replacement, and integrating these efforts into a comprehensive stormwater management program.

## Green Infrastructure and Nature-Based Solutions Design and Maintenance

This track will highlight innovations in the design and maintenance of green infrastructure and nature-based solutions that improve water quality, protect natural waterways, prevent flood impacts, recharge groundwater supplies, and/

or capture stormwater. Topics will focus on planning efforts, pilot studies, design lessons learned, operation and maintenance challenges / solutions, and adaptive management strategies after installation.

## Industrial General Permit

This track will cover various aspects of the Industrial General Permit (IGP) such as pollutant source assessments, monitoring and reporting, Exceedance Response Action requirements, BMPs including stormwater capture, treatment, reuse, and infiltration, TMDLs, water quality based corrective actions, compliance options (e.g., IGP Attachment I), permit participation initiatives, and Clean Water Act citizen lawsuits. This track will also provide updates, as applicable, on the draft Commercial, Industrial, and Institutional (CII) Permit.

## Modeling, Data Tools, and Artificial Intelligence

This track focuses on modeling in various forms, including hydrologic, water quality, and geographic information systems (GIS). It will explore innovative data collection, visualization, assessment tools, and quantification methods and metrics, as well as opportunities to repurpose or apply Artificial Intelligence (AI) and data tools from other industries for stormwater management.

## Monitoring and Special Studies

This track will highlight innovations in monitoring methodologies and programs, as well as the development and implementation of special studies on pollutant sources, fate, and transport. It will also explore how monitoring results can be leveraged to inform and improve stormwater management strategies.

## Municipal Programs

This track will focus on the challenges, solutions, and lessons learned while implementing a municipal stormwater program for Phase I and Phase II agencies. The track will address every day and emerging issues for municipalities as they relate to stormwater such as workforce development, monitoring program challenges, unsheltered communities, cost reporting, asset management, inspection and enforcement, municipal operations, permitting, and opportunities for collaboration.

## Outreach, Engagement, and Education

This track explores innovative stormwater outreach programs that educate communities on stormwater as a resource and how to protect local waterbodies and watersheds. Topics include lessons learned, collaboration opportunities, educational programs for residents, youth, and multicultural communities,

and effective strategies such as passive/direct outreach, social media, themed campaigns like Rain Ready California, media outreach, engagement with underserved communities, rebate programs, and measuring success in raising awareness and changing behavior.

## Policy, Permitting, and Legislation

This track will include discussions of policy and legislative initiatives and their impacts on stormwater programs (or management), updates from regulators and legal experts, opportunities for leveraging partnerships, examples and case studies of legislative engagement, and innovative ways that regulatory obligations can be met.

## Pollutants of Concern and True Source Control

This track will focus on priority pollutants, contaminants of emerging concern, and true source control activities, including regulatory opportunities and constraints, new scientific advancements, and management methods. The topics may include bacteria, current use pesticides, trash, biointegrity and biostimulatory substances, microplastics, PFAS, copper, zinc, PCBs, 6PPD, and other constituents of concern.

## Stormwater Capture and One Water Collaborations

Stormwater capture protects and enhances water resources while providing community benefits such as flood control, green spaces, street beautification, and climate resilience. This track focuses on how stormwater capture builds partnerships across entities including water districts, wastewater agencies, municipalities, businesses, community development organizations, industrial entities, schools, and Non-Traditional permittees. The track includes successes and lessons learned from existing and developing One Water programs, and discussions on how different interests and agencies can work together to maximize multiple benefits.

## Wildfire Preparation and Management

This track will explore the critical nexus between wildfires and stormwater management. Sessions will focus on strategies for mitigating the impacts of wildfires on water quality, erosion control, and infrastructure development and design, as well as effective monitoring techniques to assess watershed health before and after wildfire events. Additionally, this track will explore innovative post-wildfire responses and share best management practices (BMPs) for post-fire recovery, soil erosion control, alongside innovative approaches to engage communities and stakeholders in resilience planning, outreach efforts, and navigating the complex challenges wildfires pose to stormwater systems.



# Field Tours

**Offsite:** Mon, Sep 15, 11am – 4pm

Attendance is limited and by advance online ticket purchase only. Lunch is provided.

## Tour Locations:

### Tour 1 – Earvin “Magic” Johnson Park Bus and Walking Tour

The [Magic Johnson Park](#) renovation project field tour will showcase the Park’s innovative stormwater management and sustainability practices. The park’s new system captures urban runoff, treats it, and stores the treated water within the park’s lakes for reuse in irrigation, significantly reducing reliance on potable water. This sustainable approach not only improves water quality and supply but also enhances the park’s amenities and recreational spaces, contributing to groundwater recharge and water conservation.

### Tour 2 – Norton Simon Museum and Berkshire Creek Walking Tour

[Norton Simon Museum’s Exterior Improvement Project](#) is a \$14-million initiative that not only enhances the beauty of the museum’s façade and gardens but also incorporates innovative stormwater management and sustainability practices. The field tour involves viewing swales and bioswales used to capture rainwater and prevent flooding during storms, as well as permeable resin-bound gravel used for garden paths to improve accessibility during the rainy season. Additionally, the project features drought-tolerant landscaping and new tree plantings to provide shade and reduce water usage, ensuring that the museum’s exterior spaces reflect its commitment to environmental stewardship and sustainability.

[Berkshire Creek and Norton Simon Museum Walking Tour](#) is a transformative initiative aimed at restoring the natural hydrology of Berkshire Creek while enhancing stormwater management and sustainability. The field tour involves swales and bioswales to capture and treat stormwater runoff, reducing flooding and erosion. Additionally, the project features drought-tolerant landscaping and permeable surfaces to promote groundwater recharge and water conservation. By integrating these sustainable practices, the Berkshire Creek Area Improvements Project not only improves water quality and habitat but also sets a high standard for environmental stewardship and resilience.

## STORMWATER EXPERTS



## PRACTICAL STRATEGIES AND SOLUTIONS

- > Industrial, Municipal, and Construction Stormwater Services
- > Clean Water Act Litigation Support and Expert Services
- > Engineering and BMP Design
- > Proven Results for Challenging Sites

7595 Irvine Center Drive, Suite 250  
Irvine, California 92618  
949.679.1070

2000 Powell Street Suite 820  
Emeryville, California 94608  
510.463.8484

1839 Iron Point Road, Suite 150  
Folsom, California 95630  
916.914.6699

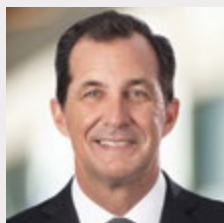
GOLD STORMWATER STEWARD ^

# Plenary Session

The Plenary Session opens the conference on Monday including the Keynote Address and CASQA Award presentations, which recognize individuals, projects, and programs that are exemplary examples of advancing sustainable stormwater management.



Photographer Michael Pegram.



## Keynote Address: Mark Pestrella

**Director – Los Angeles County Public Works**

Mark Pestrella is the Director of Los Angeles County Public Works, the nation's largest municipal public works agency, with a focus on sustainable infrastructure and equitable service delivery. Public Works' diverse operations encompass Water Resources, Transportation, Environmental Services, Construction Management, and Municipal Services. With an annual budget of \$4.1 billion and a workforce of 4,000 employees, the agency provides vital public infrastructure services to more than 10 million people across a vast 4,000 square-mile service area.

A native of Southern California, Mr. Pestrella attended California Polytechnic State University, San Luis Obispo, where he earned a Bachelor of Science in Civil Engineering. He is a 37-year veteran of Public Works and a licensed professional engineer.

# Capstone Session

The Capstone Session is one of the premier conference events, where visionary leaders come together to engage in transformative discussions that impact the future of sustainable stormwater management. This all-attendee event will feature an exceptional lineup of California leaders and promises to be a powerful conclusion to the conference, leaving participants inspired and empowered to drive change.

## CASQA 2024 Capstone Session



Photos courtesy of Jaime Minor



# Agenda

CASQA proudly upholds our Core Values of Excellence, Leadership, Inclusivity, Respect, Collaboration, Integrity, Service, and Stewardship. We invite all conference attendees to actively contribute to creating a welcoming, friendly, safe, and supportive environment.

Locations are in the Pasadena Convention Center unless stated as Offsite.

## SUN SEP 14

4:00p - 6:00p

### CONFERENCE SERVICES

**LOCATION:** LOBBY

Beat the Monday morning rush by checking in at the CASQA Registration Desk on Sunday.

4:00p - 6:00p

### WELCOME HAPPY HOUR

**LOCATION:** LOBBY

Greet fellow early arrivals before heading out to dinner (cash bar).

## MON SEP 15

7:30a - 8:30a

### COFFEE

**LOCATION:** LOBBY

7:30a - 5:30p

### CONFERENCE SERVICES

**LOCATION:** LOBBY

CASQA Conference Services and Registration Desk

8:30a - 10:30a

### PLENARY SESSION

**LOCATION:** EXHIBIT HALL B

#### WELCOME AND OPENING REMARKS

Rob Carson  
*Chair, CASQA Board of Directors*  
  
Karen Cowan  
*Executive Director, CASQA*

#### CASQA AWARDS

BOARD OF DIRECTORS AND EXECUTIVE PROGRAM COMMITTEE RECOGNITION  
OUTSTANDING SERVICE  
EXHIBITOR RECOGNITION  
OUTSTANDING STORMWATER PROGRAMS AND PROJECTS

#### KEYNOTE

Mark Pestrella  
*Director, Los Angeles County Public Works*

10:30a - 11:00a

### BREAK

**LOCATION:** LOBBY

11:00a - 4:00p

### FIELD TOURS

**FIELD TOUR 1:** OFFSITE LOCATION: Earvin "Magic" Johnson Park Bus and Walking Tour  
**FIELD TOUR 2:** OFFSITE LOCATION: Norton Simon Museum and Berkshire Creek Walking Tour  
LIMITED TO ATTENDEES WITH A PRE-PAID TICKET (LUNCH INCLUDED); TICKETS ARE NOT AVAILABLE ONSITE.  
Bus pick-up/drop-off: Pasadena Convention Center (Green Street)



Photographer [Michael Pegram](#).

# Networking Event

Monday, Sep 15, 6 – 9pm

**Pasadena City Hall – 100 North Garfield Ave**  
(6-minute walk from the convention center)

A unique opportunity to socialize after hours, enjoy food and entertainment, and continue the stormwater discussion (dinner; cash bar). One ticket is included with a Full Conference Pass.

Add-on ticket for a 1-Day Conference Pass or attendee guest can be purchased online until Fri Sep 5, 5pm PT (\$200).

*Tickets are not available onsite.*

*Limited to individuals 21 and older.*



Courtesy of Visit Pasadena



Courtesy of google.com/maps

## Earn Professional Development Hours

Self-verification forms are provided to all attendees upon check-in at the CASQA Registration Desk.

### 2025 Participating Certification Organizations

#### California Water Environment Association (CWEA)

- Environmental Compliance Inspector (ECI)

#### Ecopliant Environmental, Inc.

- Certified Inspector Sediment and Erosion Control (CISEC)

#### EnviroCert International Inc.

- Certified Erosion, Sediment and Stormwater Inspector (CESSWI)
- Certified Professional in Erosion and Sediment Control (CPESC)
- Certified Professional in Industrial Stormwater Management (CPISM)
- Certified Professional in Municipal Stormwater Management (CPMSM)
- Certified Professional in Stormwater Inspection (CPSWI)
- Certified Professional in Stormwater Quality (CPSWQ)
- National Green Infrastructure Certification Program (NGICP)
- Qualified Stormwater Manager (QSM)




Photographer: Rand Larson

[LEARN MORE](#)



# MON SEP 15 CONTINUED

SESSION 1	TRACK: Construction General Permit	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Wildfire Preparation and Management	TRACK: Municipal Programs	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Industrial General Permit
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Tricia Lee CASQA	Shavger Rehani RICK Engineering Company	Kristina Hysler Montrose Environmental	Danielle Moss City of Davis	David Pohl Burns & McDonnell, Inc.	James Downing Santa Clara Valley Water District	Laura Carpenter Brown and Caldwell
11:00a - 11:25a	<i>CGP Training Program Update</i> Joseph Draper CASQA	<i>City of Santa Clarita Green Streets LID Selection Guidance Manual</i> Cherise Thompson PACE Advanced Water Engineering	<i>Hindsight 20/20: Storm Water Compliance After an Urban Fire Catastrophe</i> Nick Sudano City of Santa Rosa	<i>Proactive Outfall Inspection and Maintenance Program To Achieve MS4 Permit Goals and Increase Semi-Arid Flood Control System Performance and Resilience</i> Devin Darrow Riverside County Flood Control and Water Conservation District	<i>A Community-Focused Template for Resilient Watershed Planning in San Diego County</i> Scott Norris County of San Diego	 <b>2025 CASQA Awardee</b> <i>Embarking on an Adventure: Los Angeles County's Path to Sustainable Stormwater Management</i> Donna Tran Los Angeles County Public Works	<b>TRAINING WORKSHOP</b> <i>Pollutant Source Assessments and Monitoring</i> Speakers: Sandy Mathews Larry Walker Associates Elliott Ripley Ashworth Leininger Group Nancy Gardiner TRC Matt Hillyard GSI Environmental Inc.
11:30a - 11:55a		<i>GI at the Ready: How to Assess Municipal Facilities for Green Infrastructure Opportunities</i> Beatrice Musacchia County of Orange	<i>Wildfire Impacts to Stormwater Runoff and Quality</i> Carli Brucker Carollo Engineers	<i>Abandoning Online &amp; Returning to Analog: The Benefits of Applied, Hands-On Staff Training</i> Ann Fletcher County of San Luis Obispo	<i>Piloting the OneWatershed Framework in San Mateo County</i> Reid Bogert City/County Association of Governments of San Mateo County	<i>Transforming Urban Spaces Through Stormwater: The Monteith Park and View Park Green Alley Project</i> Josafat Flores Los Angeles County Public Works	

11:55a - 1:30p	<b>LUNCH</b>	LOCATION: EXHIBIT HALL B					
11:55a - 6:00p	<b>EXHIBIT HALL OPEN</b>	LOCATION: EXHIBIT HALL A					
11:55a - 6:00p	<b>POSTER SESSION</b>	LOCATION: EXHIBIT HALL A					

SESSION 2	TRACK: Construction General Permit	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Wildfire Preparation and Management	TRACK: Municipal Programs	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Industrial General Permit
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Lucy Cortez-Johnson Southern California Edison	Stephanie Gaines County of San Diego	Garth Engelhorn NV5	Chris Crompton Michael Baker International	Zaida Cholico Larry Walker Associates	Persephene St. Charles Woodard & Curran	Tricia Lee CASQA
1:30p - 1:55p	<i>Management of Spill Response for QSD, QSP, and Delegates</i> Dragomir Bogdanic California Department of Transportation	<i>Maintaining Infiltration BMPs at East Valley Water District</i> Jarrod Mille Hydrosolutions	<i>Soil Contamination From the 2025 Los Angeles Wildfires and the Role of Stormwater BMPs in Pollution Mitigation</i> Sanjay Mohanty University of California, Los Angeles	<b>PANEL</b> <i>MS4 Audits – What You Need To Know</i> Panelists: Ivar Ridgeway Los Angeles Regional Water Quality Control Board Ben Neill San Diego Regional Water Quality Control Board Adam Fischer Santa Ana Regional Water Quality Control Board Keith Linker City of Anaheim	<i>Upgrading Historic Sewer Systems To Prevent Flooding From Increasing Rainfall and Elevated Tailwater Conditions – an NYC Case Study</i> Dillon Fields Arcadis U.S., Inc.	<b>PANEL</b> <i>Taking a Page From the LA County Water Plan on Regional Collaboration for Resiliency</i> Panelists: Keith Hala Los Angeles County Public Works Eileen Alduenda Council for Watershed Health Stacie Takeguchi Pasadena Water and Power	<i>A Decade of the IGP – What Works and What Challenges Remain</i> Matthew Lentz GSI Environmental Inc.
2:00p - 2:25p	<i>The SWPPP Scam: Why Low-Bid Compliance is a High-Dollar Gamble</i> Andrew Price Bancroft Construction Services, LLC	<i>Novel Hydrogeology Approach for Stormwater Infiltration Project Siting and Design in Los Angeles Region</i> Curtis Fang Geosyntec Consultants	<i>Pack It Up(stream)!: Monitoring Upstream of Impoundments for Accurate Assessment of Fire-Impacted Watersheds</i> Sierra Wallace GEI Consultants		<i>Sustaining Adaption on All Sides: San Francisco's Evolving Flood Resilience Portfolio</i> Sarah Minick San Francisco Public Utilities Commission		<i>How To Be a Good Industrial Stormwater Consultant: Managing Risks and Avoiding Compliance Pitfalls</i> Paul Wisniewski Integral Consulting Inc.



# MON SEP 15 CONTINUED

SESSION 3	TRACK: Construction General Permit	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Wildfire Preparation and Management	TRACK: Municipal Programs	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Industrial General Permit
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Matt Renaud NV5	Abigail Suter Riverside County Flood Control and Water Conservation District	Nicole Wilson Larry Walker Associates	Sharon Gosselin County of Alameda	Marielle K. Decker City of Escondido	Patrick Dean Oldcastle Infrastructure	Mehran Ebrahimi GSI Environmental Inc.
2:35p - 3:00p	<b>TRAINING WORKSHOP</b> <i>Passive Treatment: A Case Study and Training</i> Speakers: Matt Renaud NV5 Kyla Wood Applied Polymer Systems Inc.	<i>City of San José's Maintenance Field Guide: Sustainable Practices for GSI Asset Management</i> Phillip Ody City of San José	<i>Beyond the Blaze: Understanding the Eaton Fire's Impact and Watershed Recovery Through Advanced Monitoring and Modeling</i> Brianna Datti Craftwater Engineering, Inc.	<i>The Journey to Asset Lifecycle Optimization for the City of Salinas</i> Heidi Niggemeyer City of Salinas	<i>Sunset Cliffs Natural Park: From Erosion to Restoration Through Engineering, Ecology, and Community Engagement</i> Ash Paranthaman RICK Engineering Company	<i>Safe, Clean Water Program and Watershed Planning</i> Justin Jones Los Angeles County Public Works	<b>PANEL</b> <i>IGP Regulatory Enforcement Priorities</i> Panelists: Pavlova Vitale Los Angeles Regional Water Quality Control Board Leah Lemoine Central Coast Regional Water Quality Control Board Joseph Monical San Francisco Bay Regional Water Quality Control Board
3:05p - 3:30p		<i>Big Win for a Small City: Planning, Construction, and Funding Lessons Learned in the Carpinteria Green Infrastructure Project</i> Erin Maker County of Santa Barbara	<i>Brookside Park Stormwater Capture — a Design Shaped by Wildfire</i> Dawn Petschauer City of Pasadena	<i>Beyond the Bottom Line: Innovative Approaches for Cost Reporting</i> Jill Bicknell EOA, Inc.		<i>An Updated Water Balance Model in Orange County, California and Its Implications on Integrated Water Management</i> Jian Peng AtkinsRealis	

3:30p - 4:00p

## BREAK AND EXHIBITOR FOCUS

LOCATION: EXHIBIT HALL A

SESSION 4	TRACK: Construction General Permit	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Wildfire Preparation and Management	TRACK: Municipal Programs	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Industrial General Permit
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Elizabeth Zernik ERM	Paul Caswell Hazen and Sawyer	Michelle Mattson NV5	Sharon Gosselin County of Alameda	Marielle K. Decker City of Escondido	Stephanie Zinn Geosyntec Consultants	Matthew Lentz GSI Environmental Inc.
4:00p - 4:25p	<i>Protecting Creek Water Quality During Construction; Diversions and Dewatering Examples</i> Robin Tully Tully Consulting Group	<i>Innovative Flood Mitigation Through Regenerative Stormwater Conveyance: Lessons From Dalton, Georgia's Walnut North Basin</i> Michael DeVuono Arcadis U.S., Inc.	<i>DebrisFlow Predictor: Science Based Post- wildfire Debris Flow Decision Support</i> Jonathan Teboul Stantec	<i>Santa Barbara County Trash Compliance: Navigating Challenges and Lessons Learned From Planning Through Construction</i> Elizabeth Elliott Santa Barbara County	<i>Atmospheric Rivers Overwhelm: A Sonoma County Experience</i> Colleen Hunt Stone Creek Environmental Consulting	<b>PANEL</b> <i>One Water Resilience in Southern California: Perspectives From Leading Agencies</i> Panelists: Kim Clark Southern California Association of Governments Stephanie Gaines County of San Diego	 <b>2025 CASQA Awardee</b> <i>Advanced Stormwater Treatment Strategies: Enhancing Compliance and Sustainability at the City of Burbank Water and Power's Industrial Campus</i> Sean Kigerl Burbank Water and Power
4:30p - 4:55p	<i>CGP Risk Factor Recalculation at Property Sale — Using RUSLE Correctly to Account for Sediment Discharge Risk</i> Mark Grey Construction Industry Coalition on Water Quality	 <b>2025 CASQA Awardee</b> <i>Resilient Watersheds: Community-Driven Storm Water Management and Corridor Enhancement Project</i> Dawn Petschauer City of Pasadena	<i>Incorporating Urban Wildfire Considerations in MS4 Planning and Implementation</i> Shandor Szalay Arcadis U.S., Inc.	<i>Optimizing Inlet-Based Full Trash Capture Device Maintenance Through GIS and Data- Driven Collaboration</i> Emma Hinojosa City of Sunnyvale	<i>Updates on Water Quality and Hydromodification Design Parameters due to Long-Term Precipitation Changes in Southern California</i> Luis Parra-Rosales REC Consultants	Laura Rocha Moulton Niguel Water District	<i>Perseverance Wins the Stormwater Battle</i> Chris Lapaz Los Angeles County Sanitation Districts

4:55p - 6:00p

## EXHIBITOR FOCUS

LOCATION: EXHIBIT HALL A

6:00p - 9:00p

## NETWORKING EVENT

**OFFSITE LOCATION:** PASADENA CITY HALL (100 NORTH GARFIELD AVE, PASADENA) - 6-minute walk from the convention center  
Socialize after hours, enjoy food and entertainment, and continue the stormwater discussion (dinner; cash bar).  
One ticket is included with a Full Conference Pass. Tickets are not available onsite.





## Ideas transform communities

Building strong communities is at the heart of our endeavors. We're proud to support the CASQA 2025 Annual Conference.

[hdrinc.com](http://hdrinc.com)



GOLD STORMWATER STEWARD ^



LARRY WALKER  
ASSOCIATES

Over 45 years of environmental stewardship, sound science, and collaborative problem-solving throughout California

Stormwater, Wastewater, Watershed Management, Groundwater, Agricultural Water Management & Water Resources

Davis. Berkeley. Santa Monica.  
Ventura. San Diego. Yreka. Seattle.

[www.lwa.com](http://www.lwa.com)  
530.753.6400

GOLD STORMWATER STEWARD ^

7:30a - 8:30a	COFFEE	LOCATION: EXHIBIT HALL A
7:30a - 5:30p	CONFERENCE SERVICES	LOCATION: LOBBY CASQA Conference Services and Registration Desk
8:00a - 6:00p	EXHIBIT HALL OPEN	LOCATION: EXHIBIT HALL A
8:00a - 6:00p	POSTER SESSION	LOCATION: EXHIBIT HALL A

SESSION 5	TRACK: Equity and Environmental Justice	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Monitoring and Special Studies	TRACK: Policy, Permitting, and Legislation	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Modeling, Data Tools, and Artificial Intelligence
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Leny Chavez Carollo Engineers	Jeremy Burns WSP	Patrick Kuga Michael Baker International	Brian Currier Sacramento State Office of Water Programs	Tamarin Austin Austin Clean Water Advisors, Inc.	Brenda Rojas-Cala Larry Walker Associates	Christian Carleton Sacramento State Office of Water Programs
8:30a - 8:55a	<i>Stormwater Comprehensive Planning With an Equity and Environmental Justice Lens</i>  Katherine Zodrow ECO	<i>Earvin Magic Johnson Park Stormwater Capture and Treatment System O&amp;M and Performance Insights</i>  Andy Komor PACE Advanced Water Engineering	<i>Automated Detection of Transient Discharges Using a Distributed Network of Low-Cost Sensors</i>  Elizabeth Fassman-Beck Southern California Coastal Water Research Project	<b>PANEL</b> <i>BrainSTORMS the Forecast: Stormwater Strategy, Water Resiliency, and a 100% Chance of Solutions</i>  Panelists: Amanda Magee State Water Resources Control Board	<i>Methods Used To Map Water Conservation Activities</i>  Kevin Brown NV5	<i>Regional Stormwater Capture and Site Rehabilitation Along the Eaton Wash in Pasadena</i>  Courtney Semlow Craftwater Engineering, Inc.	<i>Bridging the Data Gap: A Reference Watershed Approach for Modeling Ungauged Streams Using Flow Duration Curves</i>  John Riverson Paradigm Environmental
9:00a - 9:25a	<i>The Neighborhood Champions Program: An Equitable Approach To Litter Reduction and Community Engagement</i>  Itzel Gomez City of San Pablo	<i>From Design to Performance: Key Takeaways From Post-Construction Monitoring at San Fernando Regional Park Infiltration Project</i>  Nan Jia CWE	<i>Resilient Watersheds Through Collaborative Monitoring: The Evolution of San Diego's Bacteria TMDL Program</i>  Carissa Leith WSP	Carmel Brown CASQA  Dakota Keene Sacramento State Office of Water Programs  Ken Schiff Southern California Coastal Water Research Project	<i>Building Resilience in Scott Valley, CA Through Upland Vegetation Management and Aquifer Recharge</i>  Audra Bardsley Larry Walker Associates	<i>Aspirations of Capture: A Simple Methodology To Establish Stormwater Capture and Use Goals</i>  Julia Schmitt Carollo Engineers	<i>A Golden Opportunity: Efficient Regional-Scale Hydrology Model Calibration Across Multiple Watersheds in California</i>  Jacob Morgan Paradigm Environmental

SESSION 6	TRACK: Equity and Environmental Justice	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Monitoring and Special Studies	TRACK: Policy, Permitting, and Legislation	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Modeling, Data Tools, and Artificial Intelligence
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Brian Currier Sacramento State Office of Water Programs	Gabrielle Zamora Harris & Associates	Adriana Stovall Rincon Consultants, Inc.	Ryan Kearns Riverside County Flood Control and Water Conservation District	Lynn Rodriguez, Ventura County Resource Conservation District	Dakota Keene Sacramento State Office of Water Programs	Jian Peng AtkinsRealis
9:35a - 10:00a	<i>Centering Communities in Stormwater Infrastructure Planning To Advance Equity and Inclusive Decision-Making</i>  Leila Talebi HDR, Inc.	<i>Treatment Effectiveness of Microplastics in Biofiltration: Runoff and Media Sampling and Analysis</i>  Danhui Xin Southern California Coastal Water Research Project	<i>Mysteries of the Middle SMR Subwatershed: Isotopic and Geochemical Clues to Watershed Complexity</i>  Abigail Suter Riverside County Flood Control and Water Conservation District	<i>Amplify Your Voice: How to Engage in Legislative Advocacy</i>  Karen Cowan CASQA	<b>PANEL</b> <i>Piloting Watershed Resilience Programs in California</i>  Panelists: Ibrahim Khadam Khadam Consulting Arthur Hinojosa Jr. California Department of Water Resources	<i>One Region, One Water: A New Wholesale-Retail-Stormwater Alliance in Orange County</i>  Michael Mori County of Orange	<i>Getting Water Quality Data to POP: Exploring Los Angeles County's Stormwater Quality Project Portal</i>  Kara Plourde Los Angeles County Public Works
10:05a - 10:30a	<i>Delivering Green Stormwater Infrastructure Through Community Partnerships</i>  Kevin Reilly CIS	<i>Implementation of Large-Scale Trash Capture on the Tijuana River – Collaboration and Vision To Provide Meaningful Relief to Extreme Trash Loading</i>  Vipul Joshi Dudek	<i>Defining "Natural": Characterizing Background Stormwater Quality</i>  Brandon Steets Geosyntec Consultants	<i>Urban Stormwater Infiltration Policy Updates</i>  Kelly Rodman State Water Resources Control Board	Lara Shellenbarger Ventura County Resource Conservation District		<i>GSI Impact Hub: Resources to Calculate and Understand the Values of GSI Co-benefits</i>  Jeffrey Odefey One Water Econ



# TUE SEP 16 CONTINUED

## 10:30a - 11:00a BREAK AND EXHIBITOR FOCUS LOCATION: EXHIBIT HALL A

SESSION 7	TRACK: Equity and Environmental Justice	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Monitoring and Special Studies	TRACK: Policy, Permitting, and Legislation	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Modeling, Data Tools, and Artificial Intelligence
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Michael Drennan NV5	Lisa Austin Geosyntec Consultants	Darcy McCargar Larry Walker Associates	Carmel Brown CASQA	Chad Praul Environmental Incentives	Michelle Hoalton PACE Advanced Water Engineering	Geremew Amenu Los Angeles County Public Works
11:00a - 11:25a	<i>Toward a Middle Santa Ana River Multi-Benefit Water Quality Strategy</i> <b>PRESENTATION (PART 1)</b> Richard Boon Riverside County Flood Control and Water Conservation District <b>PANEL (PART 2)</b> Panelists: Richard Boon Lauren Briggs Santa Ana Regional Water Quality Control Board	<i>Enhancing Infiltration and Road Runoff Pollutant Removal Through Soil Amendments in Compacted Roadside Soils in Clear Recovery</i> Sanjay Mohanty University of California, Los Angeles	<i>Is It Safe to Swim in Winter? Wet Weather Risk Assessment in Santa Barbara, CA</i> Jill Murray City of Santa Barbara	<b>PANEL</b> <i>Advocating for Impact: Aligning Stormwater Priorities Across California's Local Governments</i> Panelists: Karen Cowan CASQA Catherine Freeman California State Association of Counties Melissa Sparks-Kranz League of California Cities	<i>Stormwater Meet Compost: Leveraging SB 1383 To Fund Climate-Resilient Stormwater Solutions</i> Scott Norris County of San Diego	<i>Advancing Resilient Watersheds With Capture and Reuse</i> Tom Falk San Elijo Joint Powers Authority	<i>Developing an Actionable Stormwater Platform – Digital Technology Applications</i> Dax Blake Arcadis U.S., Inc.
11:30a - 11:55a	Michael Flad City of Jurupa Valley Matt Romero Studio MLA	<i>Life-Cycle Cost Assessment of BMPs Using a State-of-the-Art Full-Scale Test Facility</i> Dylan Ahearn Herrera Environmental Consultants	<i>Fecal Indicator Bacteria, Human Markers, and Pathogens in Wet Weather Urban Surface Runoff</i> Jon Ball City of Los Angeles Sanitation and Environment	<i>Applying the Biotic Ligand Model for Cu and Zn in California</i> Chris Beegan State Water Resources Control Board	<i>Bridging Data Gaps in Water Management: Strategies for Equitable Climate Adaption</i> Alyssa Yu Geosyntec Consultants	<i>Los Coches Dry Weather Diversion Pilot Project</i> Stephanie Gaines County of San Diego	<i>Stormwater, Wildfire, and Climate Change Resilience Through Simulation: Using Digital Twin To Manage Long-Term Urban Infrastructure Challenges</i> Stephen Bourne AtkinsRealis

## 11:55a - 1:30p LUNCH LOCATION: EXHIBIT HALL B

SESSION 8	TRACK: Outreach, Engagement, and Education	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Monitoring and Special Studies	TRACK: Policy, Permitting, and Legislation	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Modeling, Data Tools, and Artificial Intelligence
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Jennifer Tabanico Action Research	Salma Kamal Woodard & Curran	Tricia Lee CASQA	Arlene Chun San Bernardino County Public Works	Veronica Seward-Aponte City of Rancho Cordova	Ash Paranthaman RICK Engineering Company	Bethany Preciado Riverside County Flood Control and Water Conservation District
1:30p - 1:55p	<b>TRAINING WORKSHOP</b> <i>Measuring What Matters: Tools for Evaluating Stormwater Outreach Campaigns</i> Speakers: Jennifer Tabanico Action Research Joey Schmitt Action Research	<i>Life After Ribbon Cuttings: Operation and Maintenance of Stormwater Quality Projects in Los Angeles County</i> Joseph Venzon Los Angeles County Public Works	<i>Wet Weather Illness Risk and Beneficial Use Attainment in Santa Monica Bay</i> Jon Ball City of Los Angeles Sanitation and Environment	<i>Exploring the use of Advance Restoration Plans as an Innovative Solution for Impaired Waters</i> Ashli Desai Larry Walker Associates	<i>Is Stormwater Capture on Living Schoolyards the Key to a More Resilient Los Angeles County?</i> Dustin Herrmann TreePeople	<i>Urban Runoff Optimization Study in North Orange County – An Innovative, Multi-Agency, Multi-Benefit Assessment Of Enhanced Urban Runoff Capture Opportunities</i> Chris Crompton Michael Baker International	<i>Closing the Gap: Evaluating Cumulative Watershed Benefits To Inform Near-Term Stormwater Investments</i> Brad Wardynski Craftwater Engineering, Inc.
2:00p - 2:25p		<i>Nature-Based Solutions: A Case Study of the Historic Santa Ana River Orchard</i> Jennifer Shook County of Orange	<i>sewAGE: A Functional Gene Expression Marker for Identifying Recent Sewage Pollution in Surface Waters</i> Raul Gonzalez H2O Molecular	<i>Application of a New Effluent Limitation Method</i> Mireille Lecourtois San Diego Regional Water Quality Control Board	<i>Measuring the Benefits and Costs of Schoolyard Greening in the Los Angeles Basin</i> Claire Robinson Amigos de los Rios	<i>Recharge Master Plan: A Vehicle for Collaboration and Watershed Resiliency</i> Carolina Sanchez West Yost	<i>Data From the People: Safe, Clean Water Program's Community Strengths and Needs Assessment</i> Michelle Struthers Stantec

# TUE SEP 16 CONTINUED

SESSION 9	TRACK: Outreach, Engagement, and Education	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Monitoring and Special Studies	TRACK: Policy, Permitting, and Legislation	TRACK: Pollutants of Concern and True Source Control	TRACK: Funding	TRACK: Modeling, Data Tools, and Artificial Intelligence
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Sabah Awan Orange County Public Works	Gabrielle Soto ERM	Arlene Chun San Bernardino County Public Works	Ashli Desai Larry Walker Associates	Chris Sommers EOA, Inc.	Chad Praul Environmental Incentives	Patti Diaz-Zachary Poseidon Education, LLC
2:35p - 3:00p	<i>Interactive Storm Drain Model &amp; Stand-In Cut-Out: Imagination Beyond a Single Point of Contact</i>  Nick Sudano City of Santa Rosa	<i>AB 1572 Presents Opportunities To Boost Stormwater Capture Biological Function With Polyculture Lawn</i>  Pamela Berstler Flower to the People, Inc.	<i>Responding to Public Concerns Through Human Source Monitoring in Echo Park Lake</i>  Miller Zou City of Los Angeles Sanitation and Environment	<b>PANEL</b> <i>The Future of Permits Without Federal Receiving Water Limitations: Post-SF v. EPA</i>  Panelists:  Melissa Thorne Stoel Rives LLP	<i>Best Management Practices for 6PPD-Quinone Stormwater Mitigation: Meta-Analysis and Review</i>  Emily Smith, GSI Environmental Inc.	<b>PANEL</b> <i>Performance Contracts and Learning Networks: Strategies for Getting the Most out of Prop 4 Funding</i>  Panelists:  Jessica Schwing Washington Department of Ecology	<i>Adaptive Management Solutions: Developing a GIS Tool and Dashboard To Prioritize and Track Bacteria Source Investigations in South Orange County, CA</i>  Kevin Dunn County of Orange
3:05p - 3:30p	<i>Thinking Outside the Box: Creative Strategies for Public Education and Outreach</i>  Leigh Patterson California State Parks	<i>Transforming Industrial Legacies: Port of Vancouver, USA – a Model of Sustainable Watershed Improvement</i>  Ross Dunning Kennedy Jenks Consultants	<i>MS4 Outfall Inspections in Dry Weather – a Regulator's Perspective</i>  Mireille Lecourtis San Diego Regional Water Quality Control Board	Tess Dunham Kahn, Soares & Conway  Michael Lauffer State Water Resources Control Board	<i>Caltrans Updates on 6PPD-Q Monitoring and Treatment Effectiveness</i>  Allan Laca California Department of Transportation	Jeff Mosher Santa Ana Watershed Project Authority  Daniel Apt Olauanu  David Smith Water Innovation Services	<i>A View From Above – GIS Evaluation of Nutrient Sources in the Middle Santa Margarita Watershed</i>  Abigail Suter Riverside County Flood Control and Water Conservation District

SESSION 10	TRACK: Outreach, Engagement, and Education	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Municipal Programs	TRACK: Pollutants of Concern and True Source Control	TRACK: Funding	TRACK: Modeling, Data Tools, and Artificial Intelligence
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Stephanie Hiestand City of Tracy	Melanie Sotelo CASC Engineering and Consulting	Joseph Draper CASQA	Megan Chery Environmental Incentives	Roshan Christoph MOE	Hawkeye Sheene West Yost	Leila Talebi HDR, Inc.
3:40p - 4:05p	<i>Blueprints for Behavior Change: Hacks and Habits for Watershed Wins</i>  Jennifer Tabanico Action Research	<i>Green Streets in the County of San Diego: Constructed GI Projects and the Lessons Learned</i>  Eric Hengesbaugh RICK Engineering, Company	<i>Case Study: Bioretention System Performance in an Urban Mediterranean Climate</i>  Jamie Burkhard West Basin Municipal Water District	<b>PANEL</b> <i>Unlocking BMP Impact and Sustainability Through Workforce Development: Engaging the Contractors Who Make It Happen</i>  Panelists:	<i>Investigation of 6PPD-Quinone in Stormwater: Crumb Rubber Sources, Traffic Density, and Street Sweeping Effectiveness</i>  Alexander Schriewer NV5	<i>Proposition 4 Storm Water Grant Program Funding – Guidelines and Application Overview</i>  Jennifer Toney State Water Resources Control Board	<i>Estimating Regional Mercury Loads Entering San Francisco Bay and From Urban Stormwater Runoff</i>  Pedro Avellaneda San Francisco Estuary Institute
4:10p - 4:35p	<i>From Super Polluters to Caring Neighbors: Leveraging Market Research To Reduce Behavior-Based Stormwater Pollution</i>  Joyce Amaro City of Los Angeles	<i>Subsurface Gravel Wetlands: An Emerging Practice for Stormwater Management and Urban Water Quality Improvement</i>  Jason Wright Tetra Tech	<i>3 Yrs of BMP Monitoring From the SoCal Stormwater Monitoring Coalition Regional BMP Monitoring Network</i>  Elizabeth Fassman-Beck Southern California Coastal Water Research Project	Grant Sharp County of Orange  Scott Norris County of San Diego  Matt Davenport Monarch Environmental  Katharyn Muniz Orange County Conservation Corps	<i>Where Does the Rubber Hit the Road? Updates on Two Models for Prioritizing Road Retrofits for Managing 6PPDQ and Other Pollutants</i>  Timothy Clark Herrera Environmental Consultants	<i>Creative Grant Funding Solutions for Stormwater Infrastructure Project Implementation</i>  Steven Bell CWE	<i>Approaches and Techniques Used To Overcome Water Quality Monitoring Technical Challenges To Achieve Real-Time, High-Quality Data for Various Urban Lakes Across the City of Los Angeles</i>  Nisaavinii Huerta Escamilla FMF Pandion

4:35p - 6:00p

## EXHIBITOR RECEPTION

LOCATION: EXHIBIT HALL A

An opportunity for exhibitors and conference attendees to connect in a relaxed setting before heading out for dinner (appetizers; cash bar).





# What's your stormwater issue?



Visit our interactive ideas page to learn more about stormwater issues that may impact your community.

Design with community in mind  
[stantec.com/stormwater](https://stantec.com/stormwater)

GOLD STORMWATER STEWARD ^



Scenes from the 2024 CASQA Annual Conference in Sacramento (Photo Credit: [Michael Pegram](#))

# WED SEP 17

7:30a - 8:30a	COFFEE	LOCATION: EXHIBIT HALL A
7:30a - 2:30p	CONFERENCE SERVICES	LOCATION: LOBBY CASQA Conference Services and Registration Desk
8:00a - 11:15a	EXHIBIT HALL OPEN	LOCATION: EXHIBIT HALL A
8:00a - 11:15a	POSTER SESSION	LOCATION: EXHIBIT HALL A

SESSION 11	TRACK: Outreach, Engagement, and Education	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Municipal Programs	TRACK: Pollutants of Concern and True Source Control	TRACK: Funding	TRACK: Industrial General Permit
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Joey Schmitt Action Research	Jill Bicknell Santa Clara Valley Urban Runoff Pollution Prevention Program	Jeff Rex NV5	David Alderete Sacramento State Office of Water Programs	Joseph Draper CASQA	Carmel Brown CASQA	Jacob Lubarsky Rogers Joseph O'Donnell P.C.
8:30a - 8:55a	<i>The Sylmar Channel Project: Advancing Stormwater Solutions Through Community-Led Engagement</i> Paola Machan Carollo Engineers	<i>Catch It While You Can: One City's Approach to Common LID Construction Mistakes</i> Nick Sudano City of Santa Rosa	<i>Review of PFAS Treatment Technologies &amp; Their Applications in Industrial Stormwater Treatment</i> Mehrzad Emanuel Clear Creek Systems	<i>Communication, Coordination and Collaboration with Caltrans</i> Jaggiwan Grewal California Department of Transportation	<b>PANEL</b> <i>Protecting Stormwater Through True Source Control</i> Panelists: Amanda Magee State Water Resources Control Board Cara Morgan CalRecycle Robin Christensen Department of Toxic Substances Control Sapna Thottathil Department of Pesticide Regulation	<i>How the City of Sacramento Implemented a Stormwater Parcel Fee: Our Process, the Challenges, and Lessons Learned</i> Chuong (Ryan) Pham City of Sacramento	<b>TRAINING WORKSHOP</b> <i>QISP Liability and Citizen Suits: Understanding Risk, Responsibility, and Resilience in Stormwater Compliance</i> Speakers: Jon-Erik Magnus Rogers Joseph O'Donnell P.C. Timothy Simpson GSI Environmental Inc. Andy Ellsmore Ellsmore Environmental, Inc., Stormwater.Pro
9:00a - 9:25a	<i>Local Outreach for a Global Resource</i> Juan Diaz-Carreras Black & Veatch	<i>Innovative Approach To Retrofit Public ROW Areas in DC Using Green Stormwater Infrastructure Practices</i> Nirali Desai Arcadis U.S., Inc.	<i>Tale of the TAPE—Improving Performance, Precision, and Confidence of SCMs</i> Jeremiah Lehman Contech Engineered Solutions	<i>Asset Management Planning for Stormwater Quality Assets</i> Jeff Sinclair EOA, Inc.		<i>15 Years of Streets to Streams: OCTA's Environmental Cleanup Program Success Story</i> Megan Otto Geosyntec Consultants	

SESSION 12	TRACK: Outreach, Engagement, and Education	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Municipal Programs	TRACK: Pollutants of Concern and True Source Control	TRACK: Funding	TRACK: Industrial General Permit
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Nick Sudano City of Santa Rosa	Tricia Lee CASQA	Andrea Crumpacker Stantec	Ann Fletcher County of San Luis Obispo	Lisa Welsh Geosyntec Consultants	Matthew Lentz GSI Environmental Inc.	David Renfrew NV5
9:35a - 10:00a	<i>Empowering Students to Promote Watershed Resiliency and Environmental Awareness</i> Patti Diaz-Zachary Poseidon Education	<i>Extra, Extra, Read All About It: City of Newman Environmental Wetland System (NEWS) Project Innovations and Implementation in Central Valley California</i> Venkat Gummadi RICK Engineering Company	<i>Optimizing Street Sweeping for Current and Emerging Water Quality Challenges</i> Carlos Aldape City of Los Angeles Sanitation and Environment	<i>The Paso Robles Watershed Plan: A Collaborative Journey to an Offsite Stormwater Crediting Compliance Program</i> David LaCaro City of El Paso de Robles	<i>Trash Reduction Post Mortem – What Worked and What Didn't in the Bay Area's Journey to 100% Trash Reduction in 2025</i> Chris Sommers EOA, Inc.	<b>PANEL</b> <i>Lessons Learned From the Implementation of a Stormwater Credit Program</i> Panelists: Keith Linker City of Anaheim Daniel Apt Olauun	<i>Mastering the NONA: The Ins and Outs of Preparing No Discharge Technical Reports</i> Matt Hillyard GSI Environmental Inc.
10:05a - 10:30a	<i>Designing for Resilient Watersheds: The Design for Clean Water Challenge</i> Bella Colpo County of San Diego	<i>We're on a Boat! All Aboard the Ballona Creek Interceptor 007</i> Tiffany Chang Los Angeles County Public Works	<i>Optimizing Non-Structural Programs: Unlocking the Potential of Minimum Control Measures for Maximum Impact</i> Alexis Wrzesien Craftwater Engineering, Inc.	<i>Reimagining Stormwater Management- a Resilient Focus</i> Chris Helmer City of Imperial Beach	<i>Evaluation of Innovative and Effective Trash Capture Technologies in Urban Southern California</i> Jonathan Abelson Stantec	Richard Haimann Sustura, Inc. Michael Recuperio Recuperio & Associates	<i>From Runoff To Recharge: Crafting Resilient Infiltration Solutions for Industrial Sites</i> Timothy Simpson GSI Environmental Inc.



# WED SEP 17 CONTINUED

10:30a - 11:15a **BREAK, PRIZE DRAWING** LOCATION: EXHIBIT HALL A  
Exhibitor-Sponsored Prize Drawing\*  
Winners will be announced by the Platinum Stormwater Steward (Craftwater Engineering, Inc.). (\*Must be present to win)

SESSION <b>13</b>	TRACK: Outreach, Engagement, and Education	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Municipal Programs	TRACK: Pollutants of Concern and True Source Control	TRACK: Funding	TRACK: Industrial General Permit
ROOM	BALLROOM A	BALLROOM B	BALLROOM C	BALLROOM D	BALLROOM F	BALLROOM G	BALLROOM H
MODERATOR	Stephanie Hiestand City of Tracy	Chris Hsu Michael Baker International	Brenda Ponton Woodard & Curran	Gwen Erickson California Department of Transportation	Lindsay Anshen Stantec	Maureen Kerner Sacramento State Office of Water Programs	Mehran Ebrahimi GSI Environmental Inc.
11:15a - 11:40a	<i>Leveraging Communities for Communication</i> Jessica Blasjo Action Research	<i>Streamview Drive Multi-Use Treatment Area: Targeting Trash and Metals in an Urban Watershed</i> Ronak Rekani City of San Diego	<i>Optimizing BMP Design: How Project Effectiveness Monitoring Drives Smarter Solutions</i> Eugene Moon Los Angeles County Public Works	<i>Challenges and Lessons Learned From Implementing Private Lands Trash Control Requirements in the City of San José</i> Ed (Edward) Suriaga City of San José	<b>PANEL</b> <i>Turning the Tide: Waterborne Trash Removal Initiatives, Technologies and Feasibility in California</i>  Panelists: Meredith McCarthy Heal The Bay	<i>Collaborative Funding Strategies for Stormwater Innovation: Caltrans' Partnership Approach with Municipalities</i>  Anand Maganti California Department of Transportation	<b>PANEL</b> <i>What To Expect With the New Commercial, Industrial, &amp; Institutional (CII) Permit</i>  Panelists: Richard Watson Richard Watson & Associates, Inc.
11:45a - 12:10p	<i>Stakeholders Ahead: Preparing for Detours in Stormwater Projects</i> Veronica Seward-Aponte City of Rancho Cordova	<b>2025 CASQA Awardee</b> <i>Retrofitting a Regional Detention Basin To Provide Regional Stormwater Treatment: City of San Jose Riverview Stormwater Garden Project</i> Seth Stevens GHD	<i>Mapleview Street Green Streets: A Case Study Highlighting Innovations and Challenges Implementing and Evaluating a Multi-Benefit Green Infrastructure Project</i> Shaun Stringer WSP		Tammy Takigawa City of Long Beach  Ed Othmer Stantec	<i>Caltrans Stormwater Reimbursement Programs: Watershed-Based Engineering Solutions</i>  Kenneth Johansson California Department of Transportation	Taraneh Nik-Khah City of Los Angeles  Wayne Rosenbaum The Environmental Law Group, LLP Varco & Rosenbaum

12:10p - 1:30p **LUNCH** LOCATION: EXHIBIT HALL B

1:30p - 2:30p **CAPSTONE SESSION** LOCATION: EXHIBIT HALL B  
  
**AN ALL ATTENDEES EVENT FEATURING A  
DISCUSSION WITH AN EXCEPTIONAL LINEUP  
OF CALIFORNIA LEADERS.**  
  
Capstone Session Sponsor: EOA, Inc.



Photo courtesy of Jaime Minor




# Poster Presentations


Posters will be displayed throughout the conference in the Exhibit Hall.

The poster authors will be on hand to answer questions during breaks when available.


---

 **2025 CASQA Awardee:** Burton Way Median  
Green Street and Water Efficient Landscape  
*Josette Descalzo, City of Beverly Hills*

---

 **2025 CASQA Awardee:** Contra Costa County  
Regional Alternative Compliance  
*Contra Costa Clean Water Program*


---

 **2025 CASQA Awardee:**  
Love Your Neighborhood Program  
*Darcy Kuenzi, Riverside County FC&WCDD*  
*Allie Shields, Stephen Groner Associates*


---

 **2025 CASQA Awardee:**  
Newport Bay Trash Interceptor  
*Robert Stein, City of Newport Beach*

---

 **2025 CASQA Awardee:**  
Riverview Stormwater Garden  
*City of San José*

---

 **2025 CASQA Awardee:**  
San Francisco Youth Watershed Stewards  
*San Francisco Public Utilities Commission*

---

---

A Model for Passive Treatment Success:  
Results From the Rainy Season  
*Kyla Wood, Applied Polymer Systems, Inc.*

---

Comparative Analysis of Permittee Identification  
and Compliance Strategies in CII Stormwater  
Permits Using Geoprocessing Tools  
*Chris Hsu, Michael Baker International*

---

Conditions of MS4 Outfalls in San Diego,  
Dry Weather  
*Mireille Lecourtois*  
*San Diego Regional Water Quality Control Board*

---

Data Mining on SMARTS: Unlocking Insights Into  
Effective ERA Strategy and NONA Opportunities  
Through Statewide IGP Record  
*Manna Li, GSI Environmental Inc.*

---

Development of a Regional Watershed Model for  
PCBs in the San Francisco Bay Area  
*Matthew Heberger, San Francisco Estuary Institute*

---

Enhancing Watershed Health: Regional and  
Seasonal Trends in HF183 Detection Using ddPCR  
in Southern California  
*Amanda Trinh, WSP*

---

Innovative Approaches for Watershed Health:  
Using Viability ddPCR To Track Fecal Indicator  
Bacteria Sources  
*Nurul Khan, WSP*

---

---

Know Your Audience – Identifying Barriers to  
BMP Implementation in the Pressure-Washing  
Business Community  
*Joey Schmitt, Action Research*

---

Recreational Health Risk Screening Using DNA  
Markers in Marina del Rey Harbor  
*Jared Ervin, Geosyntec Consultants*

---

Seasonal Variability in the Interaction of Dissolved  
Organic Matter With Polycyclic Aromatic  
Hydrocarbons in Urban Runoff  
*Chris Hsu, Michael Baker International*

---

The Hydraulics of Flow Through Trash Screens:  
The ‘Hole’ Story Required To Ensure Resilient  
Trash Capture Solutions  
*Julia Watson, Enviropod*

---

Using Machine Learning To Predict Roadway  
Trash Levels  
*Kacen Clapper, WSP*

---

Using the Caltrans Water Quality Planning  
Tool for CGP  
*Joshua Gualco*  
*California Department of Transportation*

---

When Do Innovative Practices Make Sense?  
*Robert Woodman, Ferguson Waterworks*

---



# Reinventing Stormwater Design

## Open Interior & Flat Floors



## Stairway Access



## Equipment Access



## Infiltration Filters



There is much more, call or email to set up a lunch presentation



shull@pre-conproducts.com  
619-972-7841

<https://www.preconproducts.com/>  
800-882-3399

[stormprism.com](https://stormprism.com)

GOLD STORMWATER STEWARD ^

integral  
consulting inc

Formerly Kinnetic Environmental  
Acquired April 2025

## Stormwater Expertise

- BMP Evaluations & Effectiveness Data
- Compliance & TMDL Monitoring
- Emerging Contaminants (PFAS, 6PPD-Q)
- Flow Monitoring & Sediment Control
- Construction Monitoring



[integral-corp.com](https://integral-corp.com)  
Stormwater Solutions • California & Beyond

NETWORKING EVENT SPONSOR ^

K Kennedy Jenks

Serving our clients  
since 1919

### SACRAMENTO

2882 Prospect Park, Suite 240  
Rancho Cordova, CA 95670  
(916) 858-2700

Katie McCoy, PE, CGP QSD, IGP QISP  
(916) 858-2767  
[KatieMcCoy@kennedyjenks.com](mailto:KatieMcCoy@kennedyjenks.com)

### SANTA ROSA

703 2nd Street, Suite 410  
Santa Rosa, CA 95401  
(707) 526-1064

Julian Kayne  
(707) 293-1173  
[JulianKayne@kennedyjenks.com](mailto:JulianKayne@kennedyjenks.com)

### Stormwater Practice Leader

Ross Dunning, PE  
(253) 835-6449  
[RossDunning@kennedyjenks.com](mailto:RossDunning@kennedyjenks.com)

[KennedyJenks.com](https://KennedyJenks.com)



Municipal



Industrial



Construction



Design Services

NETWORKING EVENT SPONSOR ^

# 2025 CASQA Awardees

The CASQA Awards Program recognizes individuals, projects, and programs that are exemplary examples of advancing our [Vision for Sustainable Stormwater Management](#). Acknowledging and rewarding outstanding work in the stormwater field elevates those individuals and projects that are making a difference. Recognition of excellence establishes examples for other organizations to aspire to and follow. It creates a bar that can continuously be raised, thereby advancing the stormwater profession. Photos and illustrations below are courtesy of the respective awardees.



## Outstanding Public Outreach and Engagement Project or Program

### Love Your Neighborhood Program

*Riverside County FC&WCD*

The Love Your Neighborhood Program is a multi-agency public outreach and engagement initiative to increase pollution awareness and its impact on the environment through local cleanup events. The program received millions of impressions from digital ads, social media content, newsletters and grassroots efforts since the program began in 2022 and has led to the cleanup of over 24,000 pounds of trash removed due to behavior change and cleanups.

This program encouraged reduction of single-use items to reduce litter and held community cleanups to address existing litter. The program has hosted 16 regional events drawing over 1,300 participants. The Love Your Neighborhood program focused on building community pride and personal connection to the landscape and empowered the community and youth through these events to encourage them to see themselves as environmental stewards.



## Outstanding Public Outreach and Engagement Project or Program

### San Francisco Youth Watershed Stewards

*San Francisco Public Utilities Commission*

The San Francisco Youth Watershed Stewards program is an innovative partnership between a public utility (San Francisco Public Utilities Commission), a non-profit (The Watershed Project), a school district (San Francisco Unified School District), and an engineering firm (Lotus Water Engineering) that provides place-based learning for high school students in the field of green infrastructure design and maintenance. The program worked with over 700 students and trained 12 teachers on place-based watershed and green infrastructure curriculum. Students were engaged in an active role to design, repair, and maintain the green infrastructure of rain gardens at local elementary and middle schools to protect local water bodies and watershed from pollution.

Surveys of student participants showed that students increased their understanding of urban runoff and how to filter, store, and slow it down increased ~300% and the number of students that agree or strongly agree that they understand how green infrastructure benefits their community increased ~150%.





## Congratulations to This Year's Awardees!



Look for the small blue ribbon icon in the Agenda and the Poster Presentation listing of this program for CASQA 2025 Awardee presentations.



### Outstanding Stormwater BMP Implementation Project or Program: Industrial

#### **NPDES Stormwater Improvement Project** *Burbank Water and Power*

The Burbank Water and Power's NPDES Stormwater Improvement Project created innovative solutions for sustainable stormwater management for a 22.5-acre campus. The project constructed a treatment/storage/reuse/infiltration system to manage on-site runoff. The implementation of BMPs for this project allowed stormwater to be captured and treated for use in the cooling tower for the power plant rather than disposing of it. Since implementation of the project, 100% of the stormwater at the site has been reused for the cooling tower. The BMP has been fully effective since implementation in December 2024. Since no discharge has occurred, sample collections have not been required other than those required per the IGP for characterizing the captured water.



### Outstanding Stormwater BMP Implementation Project or Program: Phase I

#### **Garvey Avenue Grade Separation Drainage Improvement Project** *City of El Monte*

The City of El Monte Garvey Avenue Grade Separation Drainage Improvement Project is a multi-benefit project that reduces flood hazard reduction, promotes sustainable groundwater management, reduces pollutant load to downstream water bodies, and increases water supply reliability at a busy railroad underpass on Garvey Avenue, a major arterial. The subsurface infiltration systems can capture over 6.6 AF during a 24-hour storm event, ensuring that the underpass does not flood even during a 50-year storm event- significantly reducing the number of flooding events previously experienced at this site. Through reducing pollutant load to the nearby Rio Hondo Channel, beneficial uses for habitat and recreation also improved.





## Outstanding Stormwater BMP Implementation Project or Program: Phase I

### Newport Bay Trash Interceptor

*Newport Beach Public Works*

The Newport Bay Trash Interceptor was completed in March 2025 and actively collects and removes trash and debris from San Diego Creek before it can enter the Upper Newport Bay Marine Preserve. The Trash Interceptor is equipped with solar panels both over the water and landside to power the system. The Trash Interceptor captured approximately 50-60 cubic yards of trash and debris during construction and is expected to capture 200-300 cubic yards next year.

About 80 percent of the captured material is vegetative debris that grows in the creek. The captured trash component includes bottles, Styrofoam debris, spray cans, a variety of sport balls, pallets, drink coolers, ladders, and the occasional mattress. The UCSB Benioff Ocean Science Laboratory has installed a video camera over the conveyor that is linked to an artificial intelligence system to identify and quantify types of trash.

The Trash Interceptor has garnered excitement and attention from local and state representatives and coastal communities with similar trash issues as an innovative trash management solution.



## Outstanding Stormwater BMP Implementation Project or Program: Phase I

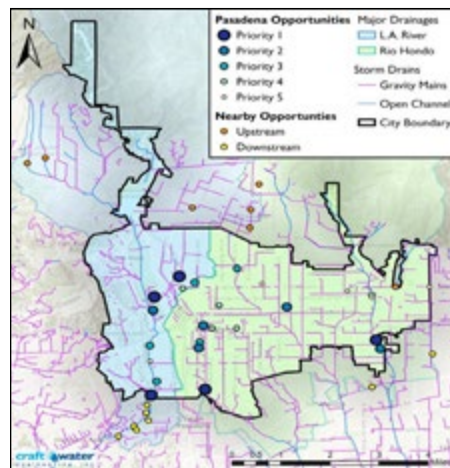
### Stormwater Master Plan and Program

*City of Pasadena*

The City of Pasadena's Stormwater Master Plan and Program is a proactive Plan to address pollutants of concern, optimize resource allocation, and create actionable, cost-effective solutions. Faced with stringent regulatory mandates under its Phase I MS4 Permit, Pasadena developed a data-driven master plan to address water quality challenges in the Los Angeles River and Rio Hondo Channel.

The plan prioritizes projects aimed at significantly improving water quality and includes collaborative, multi-benefit infrastructure like infiltration basins and green streets. With projects such as the Arroyo Seco Water Reuse and Eaton Wash Capture advancing toward construction (valued at \$100M), Pasadena has secured over \$65M through diverse funding sources, including the Safe, Clean Water Program and multiple state propositions.

In addition to implementation, the City invests in adaptive scientific research to refine BMP effectiveness, especially in response to extreme events like the 2025 Eaton Fire. Pasadena also leads in public education and workforce development, creating an interactive stormwater education platform.







## Outstanding Stormwater Capture and Use Implementation Project or Program

### Adventure Park Multi-Benefit Stormwater Capture Project *Los Angeles County Public Works*

The Adventure Park Multi-Benefit Stormwater Capture Project improves water quality, boosts local water supply, and delivers a wide range of community benefits. This project employs a regional-scale, innovative approach for water capture and reuse- diverting stormwater flows into the sanitary sewer system for treatment and recycling.

Beyond its water sustainability benefits, the project was developed in partnership with the local community, including the Kizh Nation Tribe, who collaborated on the creation of educational signage now featured throughout the park.

The project captures stormwater runoff from a 6,985-acre tributary area and has a volume capture capacity of 19.5 acre-feet per storm event. The project also enhanced approximately five acres of park space to deliver both environmental and recreational benefits to the surrounding community.



## Outstanding Stormwater Capture and Use Implementation Project or Program

### Burton Way Median Green Street and Water Efficient Landscape *City of Beverly Hills*

The Burton Way Median Green Street project was developed to improve water quality in this area and implement a water efficient landscape design that incorporates public art displays as the City's water-efficient garden model. The project captures runoff from three storm drains and stores up to eight acre-feet onsite, recirculated it through bioswales for infiltration or for irrigating drought-tolerant median plantings. The design of the project also accounted for the relatively shallow groundwater, which makes infiltration a challenge. In order to address this, bioswales were designed to be shallow to infiltrate runoff further from the groundwater level by using pumps throughout the project. The project removes approximately 87 acre-feet of runoff from the storm drain system per year and assists the City of Beverly Hills in complying with Bacteria and Metals Total Maximum Daily Loads.







## Outstanding Stormwater Capture and Use Implementation Project or Program

### Riverview Stormwater Garden

*City of San José*

The Riverview Stormwater Garden is a 5.2-acre bioretention basin and public park in San Jose, transformed from an untreated stormwater detention basin into modern green stormwater infrastructure. This garden collects and treats runoff from 344 acres of impervious and pervious surfaces before discharging to the Guadalupe River and ultimately the San Francisco Bay.

The City engaged the community through meetings and a survey which helped refine the design to prioritize treatment, recreation, aesthetics, and education. The completed project not only improved water quality but also reduced flood risk to improve conditions for residents and beautified and provided educational opportunities to a historically underserved area of San Jose.



## Outstanding Stormwater Capture and Use Implementation Project or Program

### Rumrill Blvd. Complete Streets Project

*City of San Pablo*

The City of San Pablo transformed 1.67 miles of roadway on Rumrill Blvd. into a green street that served the multibeneficial purposes of improving bike and pedestrian safety while also meeting stormwater permit requirements. The unsafe conditions of Rumrill Blvd. hindered access to major transit from the Central Richmond and Richmond BART station to commercial nodes including the local Contra Costa College. Additionally, the storm drain infrastructure was subpar and caused localized flooding. The combination of these issues caused pedestrians and bicyclists to feel unsafe using the street.

The completed project improved safety by widening sidewalks, adding bike lanes and street lighting as well as landscaping for green stormwater infrastructure- in total over a dozen improvements were completed as part of this project. As a result, traffic collisions were reduced by 65% and traffic citations reduced by 85% while also treating over nine acres of impervious area by installing 41 storm drain trash capture devices. Additionally, the project identified a PCB contaminated site and successfully achieved 42 grams/year reduction of PCBs due to this remediation.





## Outstanding Stormwater Capture and Use Implementation Project or Program

### Walnut (Nogales) Park Pocket Park Stormwater Capture Project

*Los Angeles County Public Works*

The Los Angeles County Public Works obtained a vacant lot which resulted in the Walnut (Nogales) Park Pocket Park project. The project captures, treats, and infiltrates surface runoff through the construction of two catch basins, a pretreatment system, and nine drywells. The project also created amenities for the nearby communities such as play equipment, exercise stations, and walking paths. The project can capture up to 1.4 acre-feet of runoff from a 32-acre drainage area per storm event, with the potential to recharge up to 8 acre-feet per year.

Walnut Park is identified as a disadvantaged community with an annual median income of less than 80% of the statewide median. Additionally, the community is one of the most park-poor communities in the County ranking 116th out of 120. The additional park amenities promote community recreation and enhance the project's environmental and social value.



## Outstanding Stormwater Funding Initiative or Financial Strategy

### Stormwater Think Blue Infrastructure Program

*City of San Diego*

The City of San Diego's stormwater infrastructure is deteriorating due to aging and underfunding, posing risks of system failures and flooding. Outdated infrastructure is increasing regulatory compliance costs add financial pressure. Stymied by other funding routes, the city sought federal and state funding, initially focusing on small grants for Green Infrastructure. Eventually, San Diego pursued a larger solution through the Water Infrastructure Finance and Innovation Act (WIFIA) loan.

In October 2020, San Diego submitted a Letter of Interest for a WIFIA loan. In January 2021, the EPA selected the city's application, and by August 2022, a WIFIA Master Agreement was signed for \$359.2 million, with a \$225 million initial credit loan. The loan covers 49% of the \$733 million Stormwater Capital Improvement Program (CIP), with the city contributing the remaining 51%. This match has led the city to invest \$260 million since the loan agreement, an exponential increase from the previous \$1 million annual investment.

San Diego took a groundbreaking approach by submitting a programmatic loan application for its entire five-year CIP, the first of its kind for stormwater infrastructure. This allowed the city to include 85 projects, maximizing efficiency and ensuring environmental and community outcomes. The WIFIA loan also secured a low 3.1% interest rate for up to 35 years, reducing costs for ratepayers. The flexibility of WIFIA, allowing projects at various stages, helped prioritize critical work in disadvantaged communities, transforming the city's stormwater program from reactive to proactive.



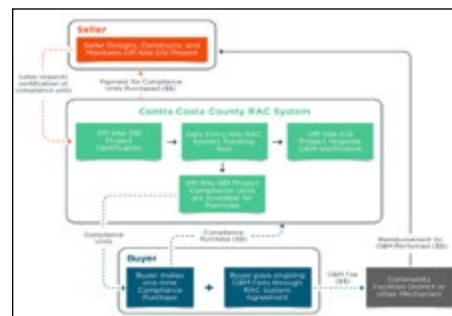
## Outstanding Stormwater Funding Initiative or Financial Strategy

### Contra Costa County Regional Alternative Compliance Contra Costa Clean Water Program

The Contra Costa County Regional Alternative Compliance (RAC) System is an innovative stormwater management framework that enables municipalities and developers to meet post-construction stormwater treatment requirements. By using a market-based model, the system allows the purchase of compliance credits, “Equivalent Acres Greened”, from off-site Green Stormwater Infrastructure (GSI) projects. This approach moves beyond parcel-by-parcel compliance, pooling funding across jurisdictions to finance large-scale GSI retrofits in urban and industrial areas with high pollutant loads, often in disadvantaged communities.

The RAC System includes a recurring funding stream from compliance units and O&M fees, managed through a proposed Community Facilities District for long-term sustainability. The system also employs advanced hydrologic modeling, performance-based contracting, and Public-Private Partnerships to optimize project delivery.

The RAC System is a multi-agency collaboration led by the Contra Costa Clean Water Program (CCCWP) and involves 21 local jurisdictions, regional agencies, and extensive stakeholder engagement, including regulatory bodies and community organizations. This collaborative approach makes the RAC System a scalable, innovative solution to stormwater management, delivering lasting environmental and community benefits.







## Outstanding Service Awardees

Each year CASQA recognizes and expresses its appreciation to CASQA members who have gone above and beyond in providing outstanding volunteer service to the organization.

Congratulations to these Outstanding Service Awardees!

---

### Chair of the Board of Directors

Rob Carson, *Marin County Stormwater Pollution Prevention Program*

### 6 Years on the Board of Directors

Dalia Fadl, *City of Rancho Cordova*

### Construction General Permit Training Team:

#### Development of 2022 QSD/QSP Construction General Permit Curricula

Sandy Mathews, *Larry Walker Associates*

Lucy Cortez-Johnson, *Southern California Edison*

Russell Foster, *J.F. Shea Co., Inc.*

Vernon Slater, *Active Treatment Systems, Inc.*

Jerry Montgomery, *SWPPQueen, Inc.*

John Heltzel, *Office of Water Programs at Sacramento State*

Kadi Whiteside, *Southern California Edison*

Ken Kristoffersen, *CAL-Storm Compliance, Inc.*

Kyla Wood, *Applied Polymer Systems, Inc.*

Matt Hromatka, *Sierra Overhead Analytics*

Alexa La Plante, *PG&E*

Andrew Bui, *CalTrans*

Shawnetta Grandberry, *City of Carlsbad*

### Construction General Permit Training Team:

#### Development of Updated QSD and QSP Exams

Stacy Sinclair, *Flat Iron Construction*

Jerry Montgomery, *SWPPQueen, Inc.*

John Heltzel, *Office of Water Programs at Sacramento State*

Rachael Keish, *Keish Environmental*

### BMP Handbooks Subcommittee:

**Development of a new Passive Treatment Plan Template and several revised BMP Fact Sheets for the 2025 Update of the Construction BMP Handbook. This effort avoided an overage on CASQA's annual budget for this project and saved us over \$35,000 in consultant costs.**

John Heltzel, *Office of Water Programs at Sacramento State (Co-Chair)*

Kadi Whiteside, *Southern California Edison (Co-Chair)*

Matthew Renaud, *NV5|Alta Environmental*

Marvin Sachse, *Brash Industries*

Kyla Wood, *Applied Polymer Systems, Inc.*

## PROVIDING A FULL CONTINUUM OF INNOVATIVE WATER QUALITY SERVICES TO RESTORE AND ENHANCE CALIFORNIA'S INFRASTRUCTURE



*Oso Creek Trail Biofiltration Basin  
Laguna Niguel, California*

**Michael Baker**  
INTERNATIONAL

**MTBAKERINTL.COM**

NETWORKING EVENT SPONSOR ^

**Tt** TETRA TECH

## *Real Solutions* for the Natural and Human Environment



Our team provides full-spectrum stormwater services, including cutting-edge watershed studies, sustainable BMP designs, smart monitoring approaches, and expert regulatory support.

**tetrattech.com**

NETWORKING EVENT SPONSOR ^



## **Maxwell Drywell Systems** Infiltration at Greater Depths

**Come Visit Us At Booth 210**

**Oldcastle Infrastructure**  
A CRH COMPANY

**TorrentResources**  
A CRH COMPANY

NETWORKING EVENT SPONSOR ^



Photographer: Michael Pagram





Santa Ana, CA. May 2025

## **StormVault** **Engineered To Eliminate Delay**

Stamped drawings in days.

Modular design that installs fast.

Shorter lead times from multi-plant production.

**Request Lunch & Learn**  
**(775) 352-2700**



[JensenInfrastructure.com](https://JensenInfrastructure.com)





## Stormwater Inspections & Management Services



### Stormwater Maintenance & Compliance

Trash, debris and other pollutants discharge every day in storm drains that lead to our oceans. We can control these pollutants by stopping them at the source with filters and proper maintenance. Geo4 installs, cleans and maintains storm drains, as well assists you in complying with city regulations and requirements.

#### Maintenance & Compliance Services

- Storm Drain Maintenance & Inspection
- Filter Sales, Installation & Repairs
- Full Trash Capture Screens
- Media Filters
- Bioretention systems
- Modular Wetland Systems
- Stormwater Vaults
- Annual Stormwater Inspection
- Stormwater Training
- Online client portal

**WOMEN  
OWNED**  
CERTIFIED BY [Logo]

**geo4services.com**

**CONTACT US TODAY FOR A  
COMPLIMENTARY SITE ASSESSMENT!**

Office: 949-371-7130 | Direct: 916-217-2691



# Sponsors

CASQA would like to thank our sponsors for supporting the 2025 Conference.

PLATINUM STORMWATER STEWARD		HOST PROGRAM	
			
CAPSTONE SESSION	GOLD STORMWATER STEWARDS		MUNICIPAL STORMWATER STEWARD
			
CONFERENCE APP	NETWORKING EVENT		FIELD TOUR
			
EXHIBITOR RECEPTION		WELCOME HAPPY HOUR	
			
TRACK			
BMP and Control Measure Effectiveness Assessment	Climate Change, Resiliency, and Sustainability	Construction General Permit	Green Infrastructure and Nature-Based Solutions Design and Maintenance
			
Industrial General Permit	Modeling, Data Tools, and Artificial Intelligence	Monitoring and Special Studies	Municipal Programs
			
	Pollutants of Concern and True Source Control	Stormwater Capture and One Water Collaborations	Wildfire Preparation and Management
			



Our reason is **water.**



**At ADS, we believe in advancing quality of life through sustainable solutions to water management challenges.**

As one of the largest plastic recycling companies in North America, we recycle over 500 million pounds of plastic every year.

To learn more visit  
**[adspipe.com](http://adspipe.com)**

© 2025 Advanced Drainage Systems, Inc. 6/25 CS



SUPER PREMIUM EXHIBITOR ^



Your community deserves waterways free from trash and other pollutants.

Visit us in Booth #320!



SUPER PREMIUM EXHIBITOR ^

## DESIGN-BUILD STORMWATER TREATMENT SYSTEMS & PERMEABLE SURFACING

**SYSTEMS MADE IN THE USA**



OFFERING INSTALLATION BY:  
**Whitson CM**  
CONTRACTING & MANAGEMENT, INC.



WE DESIGN AND INSTALL PROVEN, SPACE-SAVING STORMWATER TREATMENT SYSTEMS THAT WILL DRAMATICALLY REDUCE COSTS AND IMPROVE DISCHARGES FROM PROPERTIES.



SUPER PREMIUM EXHIBITOR ^

**CONTECH**  
ENGINEERED SOLUTIONS

**Stormwater Solutions** that Keep California Water Resources Clean

Runoff Reduction ● Bioretention ● Detention  
Low Impact Development ● Green Infrastructure



Contech.Engineered.Solutions.LLC  
[www.ContechES.com](http://www.ContechES.com) | 800.338.1122

SUPER PREMIUM EXHIBITOR ^





**DownStream**  
Services, Inc.

- Stormwater Compliance
- Pipeline Assessment
- Pipeline Maintenance
- Pipeline Rehabilitation
- Pump Station Maintenance
- UV CIPP Liners
- Underground Utility Repairs
- Flow Monitoring
- Emergency Response

[www.downstreamservices.com](http://www.downstreamservices.com)

GRIT | INTEGRITY | EXPERTISE | FAMILY

SUPER PREMIUM EXHIBITOR ^



**EDWARDS**  
FAMILY COMPANIES

Your Partner in  
**Stormwater & Site Solutions**



ARCTOS EROSION CONTROL   EMERALD SITE SERVICES   AQUA POPPY WATER TREATMENT   GREENSTONE SUPPLY

[edwardsfamilycompanies.com](http://edwardsfamilycompanies.com)

SUPER PREMIUM EXHIBITOR ^



**CERTIFIED FULL TRASH CAPTURE SYSTEM**

YOUR ONE-STOP-SHOP FOR ALL OF YOUR STORMWATER NEEDS

**GEO4**  
SERVICES  
[GEO4SERVICES.COM](http://GEO4SERVICES.COM)



**HYDRA** TMDL  
SYSTEMS LLC.

SUPER PREMIUM EXHIBITOR ^

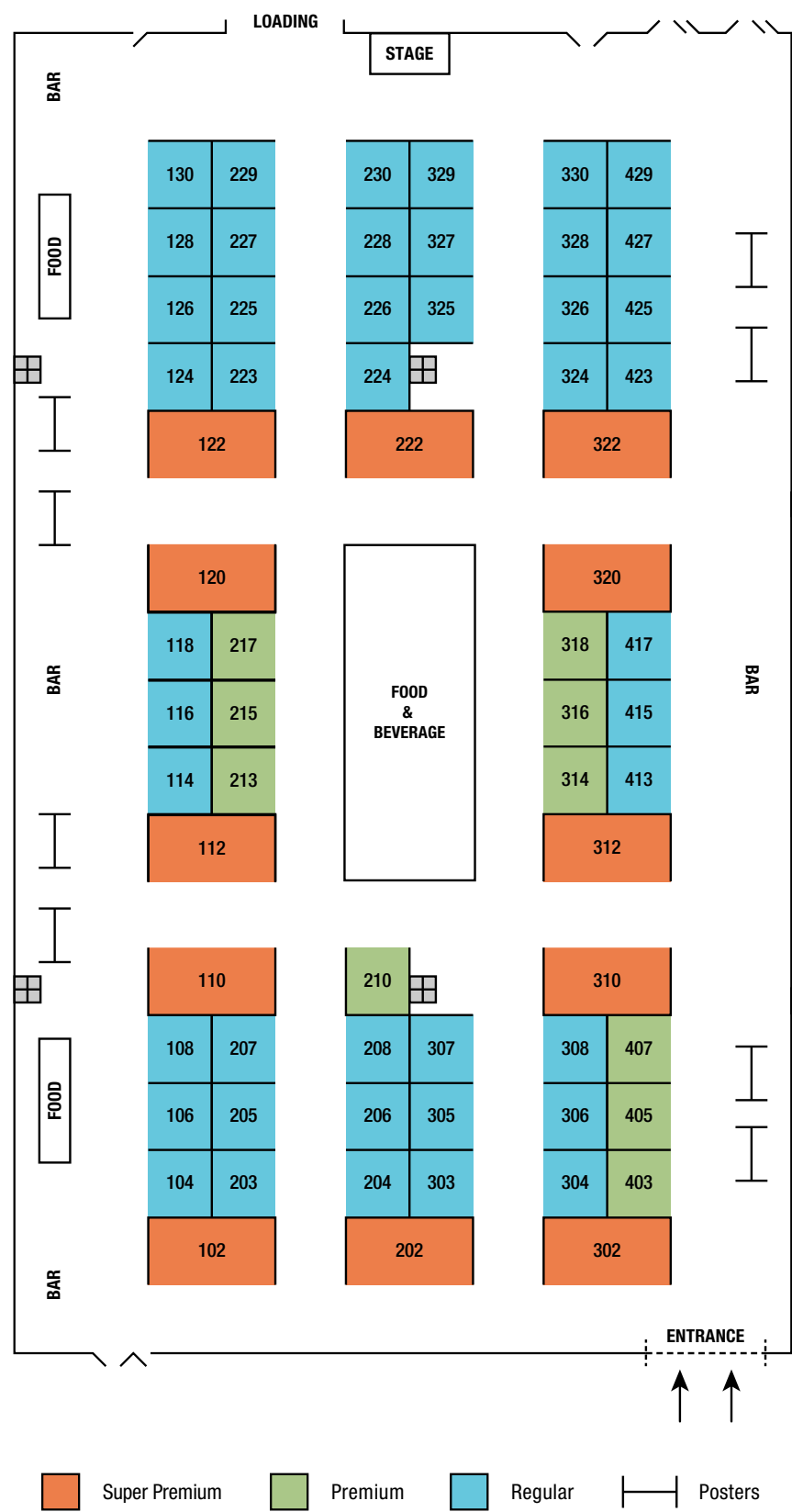


Mark Your Calendar:  
October 26-28, 2026

CASQA 2026 Annual Conference  
SAFE Credit Union Convention Center  
Sacramento, CA

# Exhibit Hall Map

Location: Exhibit Hall A



## Exhibit Hall Hours

### Monday, September 15

Exhibit Hall Open . . . . . 11:55 am – 6:00 pm  
Break & Exhibitor Focus . . . . . 3:30 pm – 4:00 pm  
Exhibitor Focus . . . . . 4:55 pm – 6:00 pm

### Tuesday, September 16

Exhibit Hall Open . . . . . 8:00 am – 6:00 pm  
Break & Exhibitor Focus . . . . . 10:30 am – 11:00 am  
Exhibitor Reception . . . . . 4:35 pm – 6:00 pm

### Wednesday, September 17

Exhibit Hall Open . . . . . 8:00 am – 11:15 am  
Break, Exhibitor Focus & Prize Drawing . . 10:30 am – 11:15 am

## Exhibitor Prize Drawing

Submit completed card by:  
**Wednesday, 9:00 am**

To be entered into the Exhibitor Prize Drawing visit at least 10 booths and obtain a representative signature on the prize drawing card provided in your attendee packet. Complete the card and drop it off at the CASQA Registration Desk.

Drawing will be held:  
**Wednesday, 10:30 am**

The drawing will be held during the Wednesday morning break in the Exhibit Hall. You must be present to win.



Scenes from the 2024 CASQA Annual Conference in Sacramento (Photographer [Michael Pegram](#))



# Exhibitors

CASQA would like to thank our exhibitors for supporting the 2025 Conference.

BOOTH #		 Super Premium Exhibitor	 Premium Exhibitor	 Regular Exhibitor
<b>102</b>	<b>Oldcastle Infrastructure</b>			
	Aleah Cook aleah.cook@oldcastle.com www.oldcastleinfrastructure.com			
<b>110</b>	<b>FODS</b>			
	Ryan Webster rwebster@getfods.com www.getfods.com			
<b>112</b>	<b>Pre-Con Products</b>			
	Dan Zarraonandia danz@pre-conproducts.com www.pre-conproducts.com			
<b>120</b>	<b>Edwards Family Companies</b>			
	Souna Mallah Souna@edwardsfamilycompanies.com www.edwardsfamilycompanies.com			
<b>122</b>	<b>GEO4 Services, Inc.</b>			
	n/a simona@geo4services.com www.geo4services.com			
<b>202</b>	<b>Downstream Services, Inc.</b>			
	Loren Wynne info@downstreamservices.com www.downstreamservices.com			
<b>222</b>	<b>StormTrap</b>			
	n/a info@stormtrap.com www.stormtrap.com			
<b>302</b>	<b>Contech Engineered Solutions</b>			
	Vaikko Allen Vaikko.Allen@conteches.com www.conteches.com			
<b>310</b>	<b>California Filtration Specialists, LLC</b>			
	Mitchel Whitson info@CAFiltrationSpecialists.com www.CaliforniaFiltrationSpecialists.com			
<b>312</b>	<b>Advanced Drainage Systems, Inc.</b>			
	Terence Zhao terence.zhao@adspipe.com www.adspipe.com			
<b>320</b>	<b>Apex Companies</b>			
	Anthony Onesto info@apexcos.com www.apexcos.com			
<b>322</b>	<b>Jensen Infrastructure</b>			
	Austin Haynes ahaynes@jensenprecast.com www.JensenInfrastructure.com			
<b>210</b>	<b>Torrent Resources</b>			
	Alex Bennett alex.bennett@oldcastle.com www.torrentresources.com			
<b>213</b>	<b>EnviroCert International, Inc.</b>			
	Melissa McKinney mmckinney@envirocert.org www.envirocert.org			
<b>215</b>	<b>Stormwater BIOCHAR</b>			
	Ryan Holman ryan@stormwaterbiochar.com www.StormwaterBIOCHAR.com			
<b>217</b>	<b>WaterTectonics</b>			
	TJ Mothersbaugh tj.mothersbaugh@watertectonics.com www.watertectonics.com			
<b>314</b>	<b>Ferguson Waterworks</b>			
	Pat Murphy patrick.murphy@ferguson.com www.fergusonwaterworks.com			
<b>316</b>	<b>United Storm Water, Inc.</b>			
	Lydia Perry lydia@unitedstormwater.com www.unitedstormwater.com			
<b>318</b>	<b>Low Impact Development Technologies, LLC</b>			
	Gregg Novick gnovick@lidtech.com www.lidtech.com			
<b>403</b>	<b>CloudCompli/SwiftComply</b>			
	Aimee Grove aimee.grove@swiftcomply.com www.cloudcompli.com			
<b>405</b>	<b>Gullywasher Stormwater Filters</b>			
	Jeff Pettey jeff@gullywasher.com www.gullywasher.com			
<b>407</b>	<b>LSC Environmental Products</b>			
	Andy Iturriria contact@LSCenv.com www.LSCenv.com			
<b>104</b>	<b>City of Pasadena</b>			
	Dawn Petschauer dpetschauer@cityofpasadena.net www.cityofpasadena.net			
<b>106</b>	<b>CAL-Storm Compliance Inc</b>			
	Ken Kristoffersen kkristoffersen@calstormcompliance.com www.calstormcompliance.com			
<b>108</b>	<b>Kai Pono Solutions</b>			
	Navy McKee navy@kaiponosolutions.com www.kaiponosolutions.com			
<b>114</b>	<b>Civil &amp; Environmental Consultants, Inc.</b>			
	n/a vboehme@cecinc.com www.cecinc.com			
<b>116</b>	<b>Earthsavers Erosion Control</b>			
	Christy Ciccone Christy.ciccone@coreandmain.com www.earth-savers.com			
<b>118</b>	<b>G2 Construction</b>			
	Jake Cebula jcebula@g2construction.com www.g2construction.com			
<b>124</b>	<b>CWT Training Academy</b>			
	Robin Hardebeck info@CWTAcademy.com www.CWTAcademy.com			
<b>126</b>	<b>REM Inc.</b>			
	Charlie Fleischmann Sales@remfilters.com www.remfilters.com			
<b>128</b>	<b>Thermostat Care</b>			
	Allie Shields Info@ThermostatCare.org www.ThermostatCare.org			
<b>130</b>	<b>Trihydro Corporation</b>			
	Yolonda Wright information@trihydro.com www.trihydro.com			
<b>203</b>	<b>Profile Products</b>			
	Danny Reynaga dreynaga@profileproducts.com www.profileproducts.com			

# Exhibitors CONTINUED

## BOOTH #

<b>204</b>	<b>PACE Advanced Water Engineering</b>  Michelle Hoalton mhoalton@pacewater.com www.pacewater.com	<b>229</b>	<b>Ocean Blue</b>  Chris Anguiano Canguiano@ocean-blue.com www.ocean-blue.com	<b>327</b>	<b>MKB Company/Filtrexx</b>  Gwen Madrid gmadrid@mkbcompany.com www.mkbcompany.com
<b>205</b>	<b>AquaShield, Inc.</b>  John Santos jsantos@aquashieldinc.com www.aquashieldinc.com	<b>230</b>	<b>Aquarius Systems</b>  Jane Dauffenbach janed@aquarius-systems.com www.aquarius-systems.com	<b>328</b>	<b>Aco, Inc.</b>  Eduardo Menjivar eduardo.menjivar@aco.com www.acoswm.com
<b>206</b>	<b>EnviroPod</b>  Mike Hannah mike@enviropod.com www.enviropod.com	<b>303</b>	<b>Newterra</b>  Chris Fromme marketing@newterra.com www.newterra.com	<b>329</b>	<b>Scalgo</b>  Nick Irza nick.irza@scalgo.com www.scalgo.com
<b>207</b>	<b>Thompson Pipe Group</b>  Beza Basiri bbasiri@thompsonpipegroup.com www.thompsonpipegroup.com	<b>304</b>	<b>Applied Polymer Systems, Inc.</b>  Kyla Wood info@siltstop.com www.apsfloc.com	<b>330</b>	<b>Soil Retention</b>  Nick Jansson info@SoilRetention.com www.SoilRetention.com
<b>208</b>	<b>EnviroPod</b>  Mike Hannah mike@enviropod.com www.enviropod.com	<b>305</b>	<b>Layfield Group</b>  Jan Nichols jan.nichols@layfieldgroup.com www.layfieldgroup.com/geosynthetics	<b>413</b>	<b>Clear Water Services</b>  Joey Pello info@clearwaterservices.com www.clearwaterservices.com
<b>223</b>	<b>ERTEC Environmental Systems</b>  Joe Sherratt jsherratt@ertecsystems.com www.ertecsystems.com	<b>306</b>	<b>Frog Creek Partners</b>  n/a sales@frogcreek.partners www.frogcreek.partners	<b>415</b>	<b>CleanWay USA</b>  Melissa Smith melissa.smith@cleanwayusa.com www.cleanwayusa.com
<b>224</b>	<b>Atlan Stormwater</b>  Coy Clark Coy.Clark@atlanstormwater.com www.atlanstormwater.com	<b>307</b>	<b>ABT, Inc.</b>  Brad Short Bshort@abtdrains.com www.abtdrains.com	<b>417</b>	<b>Angelus Block Co. Inc.</b>  David M. Quinn dquinn@angelusblock.com www.angeluspavingstones.com
<b>225</b>	<b>Concrete Canvas US, Inc.</b>  Melanie Fuhrman melanie.fuhrman@concretecanvas.com www.concretecanvas.com/us	<b>308</b>	<b>H2O Molecular</b>  Raul Gonzalez raul@h2omolecular.com www.h2omolecular.com	<b>423</b>	<b>Coanda, Inc.</b>  Steve Esmond sesmond@coanda.com www.coanda.com
<b>226</b>	<b>Ecopliant Environmental, Inc.</b>  Shauna Nevin marketing@ecopliant.org www.ecopliant.org	<b>324</b>	<b>National Plant Services, Inc.</b>  Patty Pena ppena@nationalplant.com www.nationalplant.com	<b>425</b>	<b>2NDNATURE</b>  Nicole Beck info@2ndnaturewater.com www.2ndnaturewater.com
<b>227</b>	<b>California State Water Resources Control Board</b>  Seresa Hartwell seresa.hartwell@waterboards.ca.gov https://waterboards.ca.gov/water_issues/programs/grants_loans/	<b>325</b>	<b>Invisible Structures, Inc.</b>  Nick Daiker Nick@InvisibleStructures.com www.InvisibleStructures.com	<b>427</b>	<b>Ten Developments, Inc.</b>  Hans Tremmel hans.tremmel@tendev.net https://landing.tendev.ai
<b>228</b>	<b>Triverus, LLC</b>  Hans Vogel sales@triverus.com www.triverus.com	<b>326</b>	<b>Rain Event Tracker</b>  Jordan Groth jordan@raineventapp.com www.raineventapp.com	<b>429</b>	<b>StormTank (Brentwood Industries, Inc.)</b>  Edward Cristobal swsales@brentwoodindustries.com https://stormwater.brentwoodindustries.com

# Pioneering All Things Water

N|V|5

## STORMWATER SERVICES

---

Regulatory Compliance & Reporting

Monitoring & Analysis

Scientific Studies

Engineering & Green Infrastructure

BMP Design, Operations, and Maintenance

Watershed Planning & Modeling

Asset Management

Funding Solutions

Hydrography & Geospatial Data Acquisition

[www.NV5.com](http://www.NV5.com)

**For more information about  
our full range of services  
scan the QR code.**





Infrastructure  
**JENSEN**

Thank you to the California Stormwater Quality Association for your leadership in advancing sustainable stormwater. We are proud to have been part of the CASQA Annual Conference for the past 20 years.

SUPER PREMIUM EXHIBITOR ^

## Design Your Stormwater Solution 24/7

Designed For Engineers By Engineers

[oldcastleinfrastructure.com/  
infrastructure-design-solutions](https://oldcastleinfrastructure.com/infrastructure-design-solutions)



**Oldcastle Infrastructure**  
A CRH COMPANY

SUPER PREMIUM EXHIBITOR ^



## STORMWATER SYSTEMS SHOULDN'T BE A LIABILITY.

The real test isn't inspection day.

It's when systems are pushed to capacity  
and performance matters most.

**StormPrism® stormwater retention** systems are  
engineered for a lifetime of safe access, full visibility,  
flat floors and simple maintenance.

**VISIT BOOTH #112**

Schedule a  
Lunch & Learn



**PRECON**  
(800) 882-3399

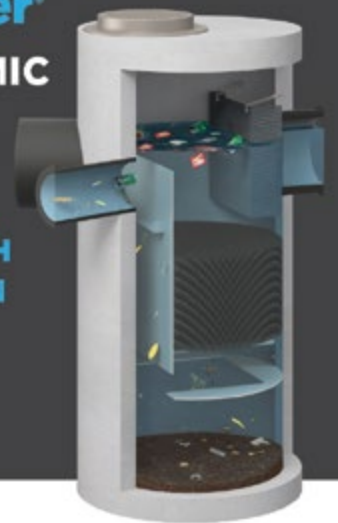
[preconproducts.com/stormprism](https://preconproducts.com/stormprism)

SUPER PREMIUM EXHIBITOR ^

## StormSettler® HYDRODYNAMIC SEPARATOR

**NOW WITH TRASH  
CAPTURE SCREEN**

CSWRCB CERTIFIED FOR  
TRASH FULL CAPTURE



CSWRCB CERTIFIED



NJDEP CERTIFIED



NJCAT VERIFIED

TO LEARN MORE,  
VISIT OUR BOOTH #222!



**STORMTRAP.com**  
1-877-867-6872

SUPER PREMIUM EXHIBITOR ^



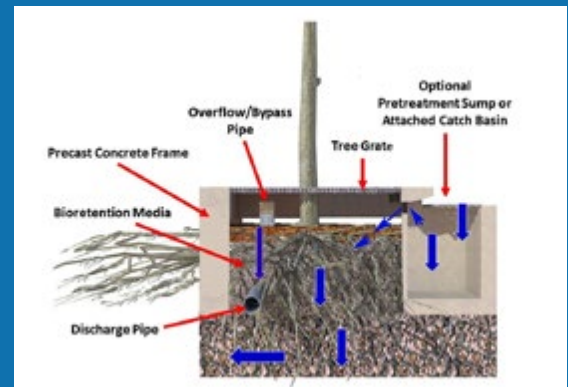
## The Hardest Working Tree on the Street®



***StormTree, 10 years and still growing...and,  
the trees too!***



***Always, Thinking Outside of the Concrete Box***  
Open Sided, Open Bottom®



How can we help you with your  
stormwater or streetscape solutions?



[info@storm-tree.com](mailto:info@storm-tree.com)



401-626-8999



[www.storm-tree.com](http://www.storm-tree.com)



**Woodard  
& Curran**

**> Leaving the World  
a Better Place**

Woodard & Curran plans and  
designs multi-benefit stormwater  
capture projects that build  
resilient watersheds and enhance  
community spaces.

**[woodardcurran.com](http://woodardcurran.com)**





# Stoel Rives is proud to support the 2025 CASQA Annual Conference

Stoel Rives is a top U.S. law firm offering high-quality legal services. We are trusted leaders in environmental law, guiding clients through complex permitting, compliance, enforcement, and litigation with deep experience in industrial, construction, and municipal stormwater and associated air or other waste regulation. **Learn more at [stoel.com](https://stoel.com).**

**[melissa.thorme@stoel.com](mailto:melissa.thorme@stoel.com) • [nicole.granquist@stoel.com](mailto:nicole.granquist@stoel.com)**

Anchorage • Boise • Minneapolis • Portland • Sacramento • Salt Lake City  
San Diego • San Francisco • Seattle • Washington D.C.



# CASQA Board, Subcommittees, & Staff

## Board of Directors

### Chair

Rob Carson  
Marin Countywide Stormwater Pollution  
Prevention Program

### Vice Chair

Ann Fletcher  
County of San Luis Obispo

### Treasurer

Amanda Carr  
County of Orange

### Secretary

Christine Tolchin  
County of San Diego

### Director

Reid Bogert  
City/County Association of Governments of  
San Mateo County

### Director

Ashli Desai  
Larry Walker Associates

### Director

Dalia Fadl  
City of Rancho Cordova

### Director

Brendan Ferry  
El Dorado County

### Director

Thuan Nguyen  
Los Angeles County Public Works

### Director

Chris Sommers  
EOA, Inc.

### Director

Melanie Sotelo  
CASC Engineering and Consulting

## Subcommittee Co-Chairs

### BMP Effectiveness Assessment

Frank Cheng  
Los Angeles County Public Works  
Tony Hancock  
Black & Veatch

### BMP Handbooks

John Heltzel  
Office of Water Programs at Sacramento State  
Kadi Whiteside  
Southern California Edison

### Conference

Andrea Crumacker  
Stantec  
Brenda Ponton  
Woodard & Curran

### Construction

Lucy Cortez-Johnson  
Southern California Edison  
Andrew Sidor  
Michael Baker International

### Engagement and Education

Nick Sudano  
City of Santa Rosa  
Christy Suppes  
County of Orange

### Funding

Bryn Evans  
Craftwater Engineering  
Beatrice Musacchia  
County of Orange

### Industrial

Laura Carpenter  
Brown and Caldwell  
Mehran Ebrahimi  
GSI Environmental Inc.

### Legislation

Andy Rodgers  
Russian River Watershed Association  
Brian Sanders  
City of Sacramento

### Monitoring and Science

Bonnie de Berry, EOA, Inc.  
Jian Peng  
AtkinsRealis

### Phase II

Colleen Hunt  
Stone Creek Environmental Consulting, LLC  
Erin Maker  
County of Santa Barbara

### Policy and Permitting

Ryan Kearns  
Riverside County Flood Control & Water  
Conservation District  
Lisa Moretti  
City of Sacramento

### Stormwater Capture and Use

James Downing  
Santa Clara Valley Water District  
Jim Rasmus  
Stantec

### True Source Control

Vicki Kalkirtz  
City of San Diego  
Peter Schultze-Allen  
EOA, Inc.

## CASQA Staff

### Executive Director

Karen Cowan

### Assistant Executive Director

Carmel Brown

### Program Manager

Joseph Draper

### Program Manager

Tricia Lee

### Events and Website Manager

Amy Porter

### Events Manager

Nick Grimmond

### Communications and Engagement Manager

Julie Lee

# Conference Subcommittee

## Co-Chairs

Andrea Crumpacker  
Stantec

Brenda Ponton  
Woodard & Curran

## Advance Booking

Chris Crompton  
Michael Baker International

## Audio Visual

Jason Lawrence  
Advanced Media Works, Inc.

## Exhibitors

Karen Ashby  
Larry Walker Associates

## Field Tour

Chris Ogaz and  
Melanie Sotelo  
CASC Engineering and  
Consulting

Dawn Petschauer  
City of Pasadena

## Graphic Design

FineLine Graphics & Design

## Registration

April Krieg

## Technical Program

Michelle Mattson  
NV5

Sharon Gosselin  
County of Alameda

## Welcome Happy Hour

Stephanie Gaines  
County of San Diego

Michelle Hoalton  
PACE Advanced  
Water Engineering

Katie McCoy  
Kennedy Jenks Consultants

## Abstract Reviewers

Abigail Suter, Riverside County Flood Control & Water Conservation District

Adriana Stovall, Rincon Consultants, Inc.

Alexander Schriewer, NV5

Amy Margolis, NV5

Ann Fletcher, County of San Luis Obispo

Arlene Chun, San Bernardino County Public Works

Arthur Deicke, EPS

Ash Paranthaman, RICK Engineering Company

Bethany Preciado, Riverside County Flood Control & Water Conservation District

Bonnie de Berry, EOA Inc.

Brenda Rojas-Cala, Larry Walker Associates

Brenda Stevens, WSP

Brian Currier, Sacramento State Office of Water Programs

Brianna Martin, NV5

Camille Woickowska, Larry Walker Associates

Chad Praul, Environmental Incentives

Chris Crompton, Michael Baker International

Chris Sommers, EOA Inc.

Christian Braun

Christian Carleton, Sacramento State Office of Water Programs

Christy Suppes, County of Orange

Dakota Keene, Sacramento State Office of Water Programs

Danielle Moss, City of Davis

Darcy McCargar, Larry Walker Associates

David Alderete, Sacramento State Office of Water Programs

David Pohl, Burns & McDonnell Inc.

David Renfrew, NV5

Elizabeth Zernik, ERM

Gabrielle Soto, ERM

Gabrielle Zamora, Harris & Associates

Garth Engelhorn, NV5

Geremew Amenu, Los Angeles County Public Works

Gwen Erickson, California Department of Transportation

Hawkeye Sheene, West Yost

Heather Fernandez, City of Tracy

James Downing, Santa Clara Valley Water District

Jane Schauerman, Larry Walker Associates

Jason Farnsworth, Larry Walker Associates

Jeff Endicott, CASC Engineering and Consulting

Jeffrey Rex, NV5

Jeremy Burns, WSP

Jian Peng, AtkinsRealis

Jiban Das, Cosumnes Community Services District

Jill Bicknell, Santa Clara Valley Urban Runoff Pollution Prevention Program

Joey Schmitt, Action Research

Kadi Whiteside, Southern California Edison

Keith Schwanemann, City of San Luis Obispo

Kristina Hysler, Montrose Environmental

Leila Talebi, HDR Inc.

Leny Chavez, Carollo Engineers

Lisa Austin, Geosyntec Consultants

Lisa Welsh, Geosyntec Consultants

Lucy Cortez-Johnson, Southern California Edison

Marielle K. Decker, City of Escondido

Matt Hillyard, GSI Environmental Inc.

Matthew Lentz, GSI Environmental Inc.

Maureen Kerner, Sacramento State Office of Water Programs

Melanie Sotelo, CASC Engineering and Consulting

Michelle Hoalton, PACE Advanced Water Engineering

Michelle Mattson, NV5

Nick Sudano, City of Santa Rosa

Nicole Wilson, Larry Walker Associates

Patrick Dean, Oldcastle Infrastructure

Patrick Kuga, Michael Baker International

Patti Diaz-Zachary, Poseidon Education LLC

Paul Caswell, Hazen and Sawyer

Roshan Christoph, MOE

Ryan Kearns, Riverside County Flood Control & Water Conservation District

Sabah Awan, Orange County Public Works

Shavger Rekani, RICK Engineering Company

Stella Shao, GSI Environmental Inc.

Stephanie Gaines, County of San Diego

Stephanie Hiestand, City of Tracy

Tamarin Austin, Austin Clean Water Advisors Inc.

Veronica Seward-Aponte, City of Rancho Cordova

Vicki Kalkirtz, City of San Diego

Zaida Cholico, Larry Walker Associates



# Join CASQA

CASQA is a nonprofit corporation that advances sustainable stormwater management protective of California water resources. With well over 2,000 members, our membership is comprised of a diverse range of stormwater quality management organizations and individuals, including cities, counties, special districts, federal agencies, state agencies, ports, universities and school districts, wastewater agencies, water suppliers, industries, and consulting firms throughout the state. Collectively, CASQA represents over 34 million people in California.



California Stormwater  
Quality Association

Membership is open to all organizations and individuals who are interested in advancing sustainable stormwater management. Join now to be a part of the collective voice and support CASQA's Vision for Sustainable Stormwater Management. In addition to supporting CASQA's program and goals, members also receive exclusive access to several subcommittees (Phase II, Non-traditional Phase II, Construction, Industrial, Policy and Permitting, Legislation), access to CASQA's Seminar Series, weekly educational resources via the Bi-weekly Member Update and Water Qualify NewsFlash, discounts to CASQA events, advertising rights on CASQA's Job Board, and much more.

BECOME A MEMBER

## Friends of CASQA

Are you #CASQAtogether? Do you support the work of CASQA and our mission for sustainable stormwater management? If so, we invite you to become a Friend of CASQA.

Friends of CASQA was established to provide an avenue for individuals to show their support and contribute to our programs. As CASQA is a nonprofit organization, your \$100 contribution is tax deductible. We will include a year-to-date listing of our Friends of CASQA in the Annual Conference program and a calendar-year listing in the Annual Report.

Join your friends and colleagues who have already contributed. We are always grateful for the support of our stormwater community and look forward to welcoming you as a Friend of CASQA!

### Details:

- \$100 (applies to the current calendar year)
- For individuals only; no organizations
- Names will be listed here:
  - › CASQA website
  - › CASQA Annual Conference Program (year-to-date)
  - › CASQA Annual Report (calendar-year)

### Thank you to our current 2025 Friends of CASQA!

Andrea Crumpacker	Jian Peng
Bill Flores	Karen Cowan
Brenda Ponton	Lisa Austin
Brian Currier	Mary Vondrak
Carmel Brown	Richard Watson
Jeff Endicott	Sharon Gosselin
Jennifer Peterson	

BECOME A FRIEND OF CASQA



CASQA is proud to be an Environmental Partner with [1% for the Planet](#), a global network that connects businesses and environmental organizations working together to support people and the planet. Started in 2002 by Yvon Chouinard, founder of Patagonia, and Craig Mathews, founder of Blue Ribbon Flies, 1% for the Planet provides businesses with expertise in environmental giving, credibility consumers trust, and the accountability to follow through. Each year, businesses give 1% of their annual sales directly to vetted environmental partners. To-date the members of 1% for the Planet have given hundreds of millions of dollars to environmental partners.

Learn more about [1% for the Planet membership for your business](#).

View [CASQA's 1% for the Planet partnership profile](#).



Photographer: Jon Moore, [unsplash.com](#)





# Mark Your Calendar: October 26-28, 2026

CASQA 2026 Annual Conference  
SAFE Credit Union Convention Center  
Sacramento, CA



Courtesy of SAFE Credit Union Convention Center



**CASQA 2025 Annual Conference**  
California Stormwater Quality Association  
1201 N. Catalina Avenue #4227, Redondo Beach, CA 90277  
[www.casqa.org](http://www.casqa.org)