STORMWATER...
WHY WE DO WHAT WE DO!

CASQA 2019 FIFTEENTH
ANNUAL CONFERENCE
October 7-9, 2019
Monterey Conference Center
Monterey, CA

Registration
WWW.CASQA.ORG
We all have a role. Prevent trash, pet waste and other pollutants from entering local waterways. Help protect the environment.

**PROPERLY DISCARD:**
- Cups and cans
- Plastic shopping bags
- Cigarette butts
- Pet waste
- Plastic and glass bottles
- Construction materials (boards, metals, concrete, etc.)
- Paints and oils
- Pesticides

“You cannot get through a single day without having an impact on the world around you. What you do makes a difference, and you have to decide what kind of difference you want to make.”

JANE GOODALL

Looking back over the last 30 years, it was in 1989 that a few early champions of California’s stormwater community banded together to form the California Stormwater Quality Task Force. The Task Force quickly emerged as the cutting-edge statewide stormwater collaborative organization, bringing together stormwater professionals to help members achieve the goals of the Clean Water Act while improving the efficiency and effectiveness of stormwater management. As the stormwater regulatory arm reach broadened, so did the needs of the California stormwater community. To help meet these growing needs, the Task Force organized and formed the California Stormwater Quality Association (CASQA) in 2002. CASQA continues to be a leader in stormwater and is committed to seeing stormwater managed as a vital component of California’s water resources, to support human and ecological needs, to protect water quality, and to restore our waterways.

Looking forward into the next thirty years and beyond, it is vital to not only be stewards of our waters, but to also be mentors for the next generation that will continue to protect and enhance our waterways for future generations. As an organization, CASQA will foster sustainable solutions to our water quality challenges, incorporating the best science and technologies to promote the health and viability of our natural waters.

Join over 1,100 stormwater practitioners and 57 exhibitors for 3 days of important training and discussions in Monterey, California from October 7–9, 2019 as we both look back and look forward on Why We Do What We Do.
Monterey Conference Center

Situated in the heart of Monterey’s downtown and waterfront area, the Monterey Conference Center and two adjacent hotels are the location for the 2019 CASQA Annual Conference. The conference center address is One Portola Plaza, Monterey, CA.

Parking is available in these City of Monterey parking structures one block from the Conference Center:

Downtown East: Located on Washington and Tyler Street between Franklin Street and Del Monte Avenue. It has gate-operated entrances with a flat fee of $7 per day.

Downtown West: Located between Tyler Street, Franklin Street, and Del Monte Avenue. It is hourly parking with an attendant. The first hour is free and is then $0.50 per 20 minutes up to a maximum of $10 per day; exceptions are some special events and night entry where a flat fee is charged upon entry.

Metered street parking is $.50–$1.50 per hour.

Area Information

Situated on California’s Central Coast, the Monterey Peninsula is the perfect location for a CASQA conference. The Monterey Bay National Marine Sanctuary covers 5,312 square miles and is home to many species of marine mammals. At its center is an underwater canyon twice as deep as the Grand Canyon. The Monterey Bay Aquarium offers wonderful exhibits of regional marine habitats. You can also walk the stunning trails of Point Lobos State Reserve, a geologic wonder along the Pacific Ocean near Carmel, with rocks dating back over 60 million years to the Paleocene age. Farther inland you can explore the rare talus caves and towering rock spires of Pinnacles National Park formed 23 million years ago when multiple volcanoes erupted.

The Monterey Peninsula is also home to world class golf courses and scenic 17-Mile Drive in Pebble Beach, including the iconic circa 250 year-old Lone Cypress tree, a species native only to this region. Or browse the art galleries of nearby Carmel-by-the-Sea and the shops along Monterey’s Cannery Row, its history described in the books of Nobel and Pulitzer Prize winning author John Steinbeck. The average temperatures for Monterey in October are 70°F high / 51°F low.
Geosyntec consultants

Industry-leading providers of stormwater and program solutions for now and future generations

- Water Quality/Watershed/Green Infrastructure (GI) Modeling and Planning
- Industrial Stormwater (IGP) Strategies and Solution Implementation
- Construction NPDES Compliance
- Litigation/Expert Witness Support
- Alternative Compliance Programs
- Public-Private-Partnerships and Pay-for-Performance
- LID/BMP Design and Design-Build Delivery
- Targeted and Innovated Source Controls
- Triple Bottom Line, EMS, and SMS

Host Program Sponsor

Enjoy YOUR VISIT RESPONSIBLY

Help us preserve the beauty of Monterey County for future generations by ensuring your visit is low impact. Protect our Monterey Bay and local waterways by disposing of trash, recyclables, cigarette butts, and pet waste in proper receptacles. Our extensive community thanks you!
The 2019 conference will follow the 11 tracks listed below over 3 days to include conversational sessions, training workshops, technical presentations, panels, forums, and roundtable discussions.

View the 2019 Conference Agenda at www.casqa.org/events/annual-conference/agenda. The online conference agenda provides an up-to-date hourly view of the program and speakers. (See the provisional agenda on pages 7-20.)

**Training Workshop Program**

The Training Workshop Program includes 3-hour afternoon training workshops on Monday, October 7 from 1:30 p.m. to 5:00 p.m., following 7 of the tracks indicated to the right with a W. Also included is an offsite field tour.

**Field Tour:** Monterey and Beyond (limited number of participants)
The field tour will visit water quality-related sites in adjacent areas to Monterey.

**Technical Program**

The Technical Program comprises conference thematic technical presentations, panels, forums, and roundtable discussions on Tuesday, October 8 and Wednesday, October 9 in the 11 tracks indicated with a T.

**Tracks**

**Construction and Post-Fire Response: P W T**
This track will focus on proven strategies to resolve construction issues, innovative BMPs and controls, challenges and solutions to site management and cost controls, resolving monitoring and sampling issues, and dealing with the challenges of linear utilities and overhead best management programs. Additionally, this track will explore innovative post-wildfire response.

**Funding and Finance: P W T**
This track will address stormwater program and infrastructure funding and financing, including asset management, its role in full stormwater program integration, and different funding and financing mechanisms that may be available to the regulated community.

**Industrial: W T**
This track will highlight all things industrial, such as pollutant source assessments, exceedance response action levels, monitoring, Total Maximum Daily Loads (TMDLs), and Clean Water Act citizen lawsuits.

**Legislation, Policy, Permitting, Legal: T**
This track will provide a forum for updates from regulators, discussions of future policy and legislative initiatives, examples of innovative ways that regulatory obligations can be met, and updates from legal experts.

**Monitoring, Science, and Data Management: W T**
This track will highlight innovations in monitoring, data collection tracking, stormwater geographic information systems (GIS) and emerging science and technologies related to pollutants of concern and advances in watershed planning and modeling.

**Municipal Program Implementation: P T**
This track will focus on the challenges and solutions to implementing a municipal stormwater program for both Phase I and Phase II agencies and cover emerging issues for municipalities such as post-fire stormwater management response and transient encampments.

**Outreach and Education: W T**
This track will share experiences creating and implementing innovative stormwater outreach campaigns, building community to foster a sense of stewardship, using social media as an outreach tool, teaching school-age children with programs in/out of the classroom, and measuring effectiveness.

**Stormwater Infrastructure and Natural Waterways: P W T**
This track will highlight examples of physical infrastructure for improving stormwater runoff quality, protection of natural channels from hydromodification, prevention of flood impacts to property, recharge of groundwater supplies, and rainwater harvesting and focus on pilot studies, design lessons learned, operation and maintenance challenges/solutions, and adaptability after installation.

**Sustainability: P T**
This track will look at sustainable practices, legal requirements, opportunities for collaboration, and programs that connect stormwater and other environmental sectors. Important topics such as water supply, water rights, groundwater recharge, Sustainable Groundwater Management Act (SGMA) planning, energy, watershed management, resiliency planning, and climate change will be discussed.

**Total Maximum Daily Loads Development and Implementation:** T
This track will highlight the science that goes into developing TMDLs, the challenges of complying with TMDL-based requirements, and ways in which different parties to a TMDL can come together on implementation.

**Trash: P W T**
This track will incorporate topics relevant to the Trash Amendments, such as full trash capture BMP implementation, monitoring methods, reporting, and demonstrating compliance under Track 2. Related topics will include source identification, effective and sustainable solutions, data comparability, micro-debris, and relationships between trash and other potential pollutants.
Gold Stormwater Steward

PROVIDING A FULL CONTINUUM OF INNOVATIVE WATER SERVICES TO RESTORE AND ENHANCE OUR NATION’S INFRASTRUCTURE

Back Bay Environmental Services
Newport Beach, California

We Make a Difference

CASC
Engineering and Consulting

One reason why we at CASC do what we do!

www.cascinc.com
SUNDAY

4:00p–7:00p REGISTRATION DESK AND CONFERENCE SERVICES (Monterey Conference Center Level One: Serra Lobby)

5:00p–7:00p WELCOME EVENT (Monterey Marriott Level 10: Ferrante's Bayview): Appetizers will be served; cash bar

MONDAY

7:00a–8:30a COFFEE & REFRESHMENTS (Monterey Conference Center Level One: Serra Lobby)

7:30a–5:30p REGISTRATION DESK AND CONFERENCE SERVICES (Monterey Conference Center Level One: Serra Lobby)

8:30a–10:00a PLENARY SESSION (Monterey Conference Center Level One: Serra Ballroom)

This year the field tour will be a partial-day tour that will visit a green street project and the Pure Water Monterey Ground Water Replenishment Project site, which has a planned ribbon cutting ceremony set for early October. The tour will require moderate mobility. Light layered attire, comfortable closed-toe shoes, hats and/or sunglasses are recommended. Water and lunch are provided.

Registration is limited to 54 participants

Location to meet: TBD

10:00a–10:30a BREAK (Monterey Conference Center Level One: Serra Lobby) AND POSTER PRESENTATION AUTHORS AVAILABLE (Monterey Conference Center Level Two: Colton I, II, III)

10:00a–5:00p POSTER SESSION (Monterey Conference Center Level Two: Colton I, II, III)

OFFSITE FIELD TOUR

10:30a to 4:00p

Field Tour Monterey and Beyond

Moderator: Chris Ogaz, CASC Engineering and Consulting, Inc.

This year the field tour will be a partial-day tour that will visit a green street project and the Pure Water Monterey Ground Water Replenishment Project site, which has a planned ribbon cutting ceremony set for early October. The tour will require moderate mobility. Light layered attire, comfortable closed-toe shoes, hats and/or sunglasses are recommended. Water and lunch are provided.

Registration is limited to 54 participants

Location to meet: TBD

12:00p–1:30p LUNCH (Monterey Conference Center Level One: Serra Ballroom) AND EXHIBITOR FOCUS (Monterey Conference Center Level Two: Steinbeck Ballroom)

12:00p–6:00p EXHIBIT HALL OPEN (Monterey Conference Center Level Two: Steinbeck Ballroom)

Note: Agenda is provisional and subject to change

Keynote Speaker Dr. Kyle Van Houtan | Monday, October 7, 8:30 a.m.

Dr. Kyle Van Houtan is the Chief Scientist of the Monterey Bay Aquarium where he oversees the Aquarium's research, including programs devoted to sea otters, white sharks and plastic pollution. Dr. Van Houtan concurrently holds an adjunct professorship at the Nicholas School of the Environment at Duke University and is an adjunct at the Monterey Bay Aquarium Research Institute (MBARI). His research explores global change, biodiversity conservation, historical ecology, and ethics.
### Training Workshops (Afternoon)

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<th>Room: Portola - De Anza Ballroom I</th>
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### Monday Evening Networking Event

**Monterey Bay Aquarium | Monday, October 7, 6:30 p.m. to 10:00 p.m.**

The Networking Event will be held at the spectacular Monterey Bay Aquarium, and is included with a 3-Day Full Conference Pass. Admission can be purchased as an add-on option to 2-Day and 1-Day Conference Passes, and for attendee guests ($100). Dinner is included. We will have buses available to transport attendees or, if you prefer, it is a 1.5 mile walk along the Monterey Bay Coastal Recreation Trail or Uber/Lyft/taxi ride.
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Agricultural Water Quality Management • Groundwater

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### TUESDAY

**7:00a–8:30a** COFFEE & REFRESHMENTS (Monterey Conference Center Level Two: Steinbeck Ballroom)

**7:30a–5:30p** REGISTRATION DESK AND CONFERENCE SERVICES (Monterey Conference Center Level Two: Serra Lobby)

**8:00a–5:00p** EXHIBIT HALL OPEN (Monterey Conference Center Level Two: Steinbeck Ballroom)

**8:00a–7:00p** EXHIBIT HALL OPEN  (Monterey Conference Center Level Two: Steinbeck Ballroom)

**8:00a–5:00p** POSTER SESSION  (Monterey Conference Center Level Two: Colton I, II, III)

**7:30a–5:30p** REGISTRATION DESK AND CONFERENCE SERVICES  (Monterey Conference Center Level One: Serra Lobby)

### TECHNICAL SESSION

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<th>Time</th>
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### MODERATORS

- Hawkeye Sheene, Woodward & Curran
- Raina Dwivedi, Tetra Tech
- Jenna Voss, County of Orange
- Jason Freshwater, Santa Ana Regional Water Quality Control Board
- Elizabeth Yin, Larry Walker Associates, Inc.
- Sheri Dister, Weston Solutions, Inc.
- Daniel Cortese, City of Hemet
- Chris Crompton, County of Orange

### Program

- **Legislation, Policy, Permitting, Legal Planning**
  - Stormwater Infrastructure and Natural Waterways
  - Outreach and Education Measuring Outreach Success
  - Total Maximum Daily Loads Development and Implementation
  - Trash Implementation in Arid Areas and by Non-Traditional MS4s
  - Monitoring, Science, and Data Management
  - Construction and Post-Fire Response Experience with the Construction General Permit
  - Stormwater Infrastructure and Natural Waterways

- **Moderators**
  - Hawkeye Sheene, Woodward & Curran
  - Raina Dwivedi, Tetra Tech

### Tracks

- **Track 1:**
  - A Tale of Two Watersheds: Bellflower’s Innovative Stormwater Facility
  - Discover Your Watershed Today! Community Engagement and Education via Historic Watershed Mapping
  - Improving Bioretention Best Management Practice (BMP) Effectiveness – Evaluating Pollutant Removal from Stormwater with Biochar Amended Bioretention Soil Media (BSM)
  - High-Resolution Integrated Watershed Studies
  - CGBP: The Permit You Thought You Knew

- **Track 2:**
  - It’s Dry Down There – Capturing Trash in the Desert With Little to No Water Flow
  - Identifying Opportunities for Sustainable Street Designs and Green Infrastructure Using Innovative Models Based on High-Resolution LiDAR Data
  - A Fundamental Approach to Soil Stabilization and Revegetation on Disturbed Sites
  - Guideline, Technical Considerations, and Case Studies for China’s Sponge City Performance Evaluation

### More Information

Follow the CASQA Conference on Social Media

Connect with fellow conference attendees on our Twitter or LinkedIn

CASQA Annual Conference pages.
<table>
<thead>
<tr>
<th>TECHNICAL SESSION 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Legislation, Policy, Permitting, Legal Panel: Understanding the Current Status and Potential Impacts of the State Water Board Biostimulatory Substances Objective and Program to Implement Biological Integrity</strong></td>
</tr>
<tr>
<td><strong>Stormwater Infrastructure and Natural Waterways CASQA Awardee Presentations</strong></td>
</tr>
<tr>
<td><strong>Outreach and Education Marketing and Metrics</strong></td>
</tr>
<tr>
<td><strong>Total Maximum Daily Loads Development and Implementation Polychlorinated Biphenols (PCBs) – #2</strong></td>
</tr>
<tr>
<td><strong>Trash Trash Control Measure Planning – #1</strong></td>
</tr>
<tr>
<td><strong>Monitoring, Science, and Data Management Microbial Source Tracking</strong></td>
</tr>
<tr>
<td><strong>Construction and Post-Fire Response Fire Responses Down South</strong></td>
</tr>
<tr>
<td><strong>Stormwater Infrastructure and Natural Waterways China Sponge City Experiences</strong></td>
</tr>
</tbody>
</table>

**Room: Portola - De Anza Ballroom I**

<table>
<thead>
<tr>
<th><strong>Moderators</strong></th>
<th><strong>Panelists to be confirmed:</strong></th>
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<tbody>
<tr>
<td></td>
<td>Bolivar Park Stormwater Capture and Runoff Capture Project</td>
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<td></td>
<td>City of Lakewood</td>
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<tr>
<td></td>
<td>Bioretention Basin Retrofit Low Impact Development Testing and Demonstration Facility</td>
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<td></td>
<td>Riverside County Flood Control and Water Conservation District</td>
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</table>

**Room: Portola - De Anza Ballroom II**

| **Panelists to be confirmed:** |
| Regulator Perspective Panelist TBD State Water Resources Control Board CASQA Perspective Chris Sommers EDA, Inc. Municipal Perspective Panelist TBD |

**Room: Portola - De Anza Ballroom III**

| **Panelists to be confirmed:** |
| 2019 CASQA Awardee: Outstanding Low Impact Development Stormwater BMP Implementation | Ready? Open. Click. GO! Creating an Engaging Email Marketing Public Outreach Campaign |
| | Sandy Mathews, Larry Walker Associates, Inc. | Phase II, Track 2, No Two Alike |
| | | Keeping up with Science: Challenges and Opportunities in Managing Water Quality with an Ever-Evolving Microbial Toolset |
| | | Post-Fire Debris Flows are Expected, Communities are Evacuating, and It’s Time to Sample Because That’s What We Do! Key Takeaways from Evaluating Contaminant Flux of the 2018 Holy Fire |
| | | Rebekah Guili, Riverside County Flood Control and Water Conservation District |
|---------------------|---------------------------|---------------------------------|----------------------|-------------------------------------------------|-------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Room: Portola - De Anza Ballroom I | Room: Portola - De Anza Ballroom II | Room: Portola - De Anza Ballroom III | Room: Portola - Bonsai I, II, III | Room: Marriott - San Carlos I, II | Room: Marriott - San Carlos III | Room: Marriott - San Carlos IV |

| MODERATORS | Matt Yeager Riverside County Flood Control and Water Conservation District | Brad Wardynski Craftwater Engineering, Inc. | Nicole West LSA | Cindy Rivers County of Orange | Chris Sommers EOA, Inc. | Daniel Apt Olaunu Stella Shao GSI Environmental Inc. | Mike Harding Michael V. Harding, CPESC |
|---------------------|---------------------------------|----------------------|-------------------------------------------------|-------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|

<table>
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<tr>
<th>时间</th>
<th>议题</th>
<th>发言人</th>
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<tbody>
<tr>
<td>11:00a to 11:25a</td>
<td>Statewide Drywell Guidance Update: Results and Recommendations Moving Forward</td>
<td>Matthew Freese State Water Resources Control Board</td>
</tr>
<tr>
<td>11:00a to 11:25a</td>
<td>Coastal Protection with Integrated Stormwater and Wastewater Management</td>
<td>Tim Monahan SRT Consultants</td>
</tr>
<tr>
<td>11:00a to 11:25a</td>
<td>2019 CASQA Awarded: Outstanding News, Information, Outreach, and Media Project #ThatsMyBay</td>
<td>San Diego Unified Port District</td>
</tr>
<tr>
<td>11:00a to 11:25a</td>
<td>Port of San Diego Melissa Dailey Michael Baker International</td>
<td>Ashli Desai Larry Walker Associates, Inc.</td>
</tr>
<tr>
<td>11:00a to 11:25a</td>
<td>Strategies and Tools for Developing Alternative Compliance Approaches for Bacteria TMDLs Identified for the San Diego Region Bacteria TMDL</td>
<td>Vada Yoon</td>
</tr>
<tr>
<td>11:00a to 11:25a</td>
<td>Cost-Effective BMPs for Trash Reduction</td>
<td>Chris Sommers EOA, Inc.</td>
</tr>
<tr>
<td>11:00a to 11:25a</td>
<td>Proposition 1 Trash BMP Effectiveness Study in the San Diego River Watershed: Collaboration Among the County of San Diego, the San Diego River Conservancy, and Urban Corps of San Diego to Find Cost-Effective BMPs for Trash Reduction</td>
<td>Panelists: Emily Parker Virginia Tech Microbial Communities and Their Impact on Various Functions of Biofilter Patricia Holden University of California, Santa Barbara Removal of Trace Metals by Biofilter Haizhou Lu University of California, Riverside Removal of Indicator Bacteria and Pathogens by Biofilter Yiping Cao Source Molecular Stella Shao GSI Environmental Inc.</td>
</tr>
<tr>
<td>11:30a to 11:55a</td>
<td>PFAS – Current and Future Regulatory Outlook</td>
<td>Lisa Kammer Weston Solutions, Inc.</td>
</tr>
<tr>
<td>11:30a to 11:55a</td>
<td>A New Perspective on Dry Weather Flow Diversions – Benefits for Both Stormwater and Wastewater/Reuse Systems</td>
<td>Kathleen Higgins Woodard &amp; Curran</td>
</tr>
<tr>
<td>11:30a to 11:55a</td>
<td>Communication Game: Level Up and Make a Difference</td>
<td>Lisa Haney Orange County Sanitation District</td>
</tr>
<tr>
<td>11:30a to 11:55a</td>
<td>South Orange County Comprehensive Human Waste Source Reduction Strategy Work Plan</td>
<td>Clint Boschen Tetra Tech</td>
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<tr>
<td>11:30a to 11:55a</td>
<td>Trash Full Capture Equivalency and Lessons Learned About Control Measure Effectiveness from Over Five Years of On-Land Visual Trash Assessments</td>
<td>Chris Sommers EOA, Inc.</td>
</tr>
<tr>
<td>11:30a to 11:55a</td>
<td>The Role of the Hydraulic Application Contractor John Richards Pacific Restoration Group, Inc.</td>
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</tbody>
</table>
| 11:30a to 11:55a | The Role of the Drainage and Sediment Control Contractor Larry Halley Summit Erosion Control

© www.jonrobershawphoto.com - Jon Robershaw Photo
TECHNICAL SESSION 4

<table>
<thead>
<tr>
<th>Panel</th>
<th>Event Title</th>
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<tbody>
<tr>
<td>Legislation, Policy, Permitting, Legal Panel</td>
<td>Legal Update</td>
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<tr>
<td>Stormwater Infrastructure and Natural Waterways</td>
<td>Forum: Greenlighting Green Stormwater Infrastructure—Insights for Design-Construction-Maintenance</td>
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<tr>
<td>Industrial</td>
<td>Metals Role in Industrial Compliance</td>
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<tr>
<td>Total Maximum Daily Loads Development and Implementation Modeling</td>
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<tr>
<td>Trash</td>
<td>Panel: Lessons Learned and Challenges of Maintenance of Large Full Trash Capture Devices</td>
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<tr>
<td>Monitoring, Science, and Data Management</td>
<td>BMP Assessment and Modeling</td>
</tr>
<tr>
<td>Construction and Post-Fire Response</td>
<td>Fire Response Planning</td>
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</tbody>
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MODERATORS

| Room: Portola - De Anza Ballroom I |
| Room: Portola - De Anza Ballroom II |
| Room: Portola - De Anza Ballroom III |
| Room: Marriott - San Carlos I, II |
| Room: Marriott - San Carlos III |
| Room: Marriott - San Carlos IV |

Panelists TBD

<table>
<thead>
<tr>
<th>1:30p to 1:55p</th>
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<tbody>
<tr>
<td>Sandy Mathews</td>
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<tr>
<td>Larry Walker Associates, Inc.</td>
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<td>Alina Constantinescu</td>
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<tr>
<td>Larry Walker Associates, Inc.</td>
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<tr>
<td>Sharon Gosselin</td>
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<tr>
<td>Alameda County Public Works - Clean Water Program</td>
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<td>Potential IGP Implications from the National Academy of Sciences MS4G Report</td>
</tr>
<tr>
<td>Michael Stenstrom</td>
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<tr>
<td>University of California, Los Angeles</td>
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<tr>
<td>Groundwater-Surface Water Modeling to Support Instream Flow and Algae TMDL Management in the Ventura River Watershed</td>
</tr>
<tr>
<td>Al Preston</td>
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<tr>
<td>Geosyntec Consultants, Inc.</td>
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<tr>
<td>Panelists: Ben Nguyen, Jennifer Seguin, Sam Anzaldual</td>
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<tr>
<td>City of San Jose</td>
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<tr>
<td>BMP Performance Assessment Based on California State-Wide Monitoring Data</td>
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<tr>
<td>Ken Schiff</td>
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<tr>
<td>Southern California Coastal Water Research Project (SCCWRP)</td>
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<tr>
<td>Post Fire Mitigation: “Why We Select Which Sites to Mitigate”</td>
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<tr>
<td>Kathleen Harrison</td>
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<tr>
<td>Geosyntec Consultants, Inc.</td>
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2:00p to 2:25p

| Room: Marriott - Marriott - San Carlos III |
| Room: Marriott - San Carlos IV |
| Out of Sight But Not Out of Mind: The Role of Our Roofs in Storm Water Pollution |
| Elliott Ripley |
| Ashworth Leininger Group |
| Rainbow Creek TMDL Adaptive Management Planning Tool |
| Brianna Datti |
| Tetra Tech |
| Modernizing the Los Angeles County Watershed Management Model System (WMM): The Latest Advancements in Modeling Stormwater, Water Quality, and BMP Performance |
| Stephen Carter |
| Paradigm Environmental |
| Utilizing Unmanned Aerial Systems for Post-Wildfire Hazard Assessments and Hydrologic Response Planning |
| Robert Leeper |
| Haley & Aldrich, Inc. |

Continuing Education Credits

Professional development credits can be earned for in-person attendance and webcast viewing.

2019 Participating Organizations (pending approval of the conference program)

- Certified Inspector Sediment and Erosion Control (CISEC)
- Certified Erosion, Sediment and Stormwater Inspector (CESSWI)
- Certified Municipal Separate Storm Sewer System Specialist (CMS4S)
- Certified Professional in Erosion and Sediment Control (CPESC)
- Certified Professional in Storm Water Quality (CPSWQ)
- California Water Environment Association (CWEA)
- Minimum Continuing Legal Education (MCLE)
- Professional Engineers (PE)
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<td>Room: Marriott - San Carlos IV</td>
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**MODERATORS**

Dominic Roques  
Central Valley Regional Water Quality Control Board (pending)

Merrill Taylor  
Craftwater Engineering, Inc.

Laura Carpenter  
Brown and Caldwell

Scott Taylor  
Michael Baker International/ National Municipal Stormwater Alliance

Lisa Skutecki  
Brown and Caldwell

Cathleen Garnand  
Santa Barbara County

Kadi Whiteside  
Southern California Edison

Lucy Cortez-Johnson  
CASC Engineering and Consulting, Inc.

**Panelists to be confirmed:**

Ellen Blake  
US EPA

Dominic Roques  
Central Valley Regional Water Quality Control Board

Keith Lichten  
San Francisco Bay Regional Water Quality Control Board

Laura Bates  
San Jose State University

The 2018 IGP Amendment Compliance Options, a Potential Pathway from ERA Level 2 to Baseline Status

Marty Spangberg  
Wood Environment & Infrastructure Solutions, Inc.

Jeff Condit  
Monterey Regional Stormwater Management Program/ Monterey One Water

The Role of Stormwater in Alleviating a Coastal Water Supply Shortage: The Monterey Peninsula Story

WET Stormwater Institute Initiatives Seth Brown  
Storm and Stream

Integrated Watershed Improvement and Water Resources Project Planning in North Orange County

Curb Inlet Screens as Trash Controls – A Study of the Effectiveness of These Devices in Comparison to Certified Full Capture Systems

John Fusco  
EOA, Inc.

Amy Kronson  
State Water Resources Control Board

Brandon Roosenboom  
State Water Resources Control Board

Richard Muhl  
Central Valley Regional Water Quality Control Board

**Panelists:**

Paul Landon  
Keish Environmental

State Water Board Perspective – New Industrial Stormwater General Permit Requirements

Laurel Wardrip  
State Water Resources Control Board

State and Local Stormwater Initiatives Geoff Brousseau  
California Stormwater Quality Association (CASQA)

Integrated Watershed Improvement and Water Resources Project Planning in North Orange County

Daniel Apt  
Olaunu

Are Video-Based Trash Assessments Feasible?

Brett Gamble  
Mikhail Ogawa Engineering

**3:25p–4:00p BREAK AND EXHIBITOR FOCUS (Monterey Conference Center Level Two: Steinbeck Ballroom)**

---

**CASQA Has Launched a Podcast!**

CASQA will be recording its first podcasts at the 2019 CASQA Annual Conference, focused on all things stormwater. The podcasts will dive deeper into conference discussions, get to know more about the leaders in the stormwater field, and share CASQA’s organizational goals. Conference attendees will be able to watch the recording of the podcasts throughout the conference (times to be determined).

For now, we have recorded an introductory podcast to launch the concept.

[www.casqa.org/news-library/podcasts](http://www.casqa.org/news-library/podcasts)
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<td>Room: Portola - De Anza Ballroom I</td>
<td>Room: Portola - De Anza Ballroom II</td>
<td>Room: Portola - De Anza Ballroom III</td>
<td>Room: Portola - Bonsai I, II, III</td>
<td>Room: Marriott - San Carlos I, II</td>
<td>Room: Marriott - San Carlos III</td>
<td>Room: Marriott - San Carlos IV</td>
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</tbody>
</table>

**MODERATORS**
- Lisa Haney
  Orange County Sanitation District
- Ken Schiff
  Southern California Coastal Water Research Project (SCCWRP)
- Sean Porter
  Apex Companies LLC
- Stephanie
  Reyna-Hiestand
  City of Tracy
- David Pohl
  Burns & McDonnell Engineering
- Dawn Petschauer
  City of Los Angeles
- Beth Smiley
  Thunder Mountain Enterprises, Inc.

**Panelists**
- **4:00p to 4:25p**
  Panelists: Steve Jepsen
  Southern California Alliance of Publicly Owned Treatment Work (SCAP)
  Daniel Apt
  Olaunu
  Richard Luthy
  Stanford University

  Panelists to be confirmed:
  Peter Evans
  StormwaterRx LLC
  Nathan Holloway
  Clear Water Services
  Eric Strecke
  Geosyntec Consultants, Inc.

**Panelists**
- **4:30p to 4:55p**
  Matthew Fabry
  City/County Association of Governments of San Mateo County
  Panelist TBD
  State Water Resources Control Board

  Panelists:
  Stephanie Gaines
  County of San Diego
  Chris Beegan
  State Water Resources Control Board
  Richard Gilb
  San Diego Airport Authority
  Paul Alva
  County of Los Angeles
  Jarrod Miller
  Michael Baker International

**Panelists**
- **5:00p–7:00p**
  Alternative Compliance and Flow Thru Treatment – Lessons Learned
  Nick Zigler
  EOA, Inc.
  Teri Bhardwaj
  Riverside County Flood Control and Water Conservation District

  Panelists:
  Jessica Crompton
  County of Orange
  Kristen Ruffell
  Sanitation Districts of Los Angeles County
  Lisa Skudacki
  Brown & Caldwell
  Richard Boon
  Riverside County Flood Control and Water Conservation District

**Panelists**
- **5:00p–7:00p**
  Let’s Talk Trash: Developing a Scalable Trash Capture Study from Planning to Operations
  Jim Harry
  City of San Diego
  Oriana Hart
  Sonoma County

**Panelists**
- **5:00p–7:00p**
  Planning for Burned Watersheds: Plan Now or Pay Later
  Ben Willardson
  CWE

**5:00p–7:00p** EXHIBITOR RECEPTION (Monterey Conference Center Level Two: Steinbeck Ballroom)
### WEDNESDAY

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00a–8:30a</td>
<td><strong>COFFEE &amp; REFRESHMENTS</strong> (Monterey Conference Center Level Two: Steinbeck Ballroom)</td>
<td></td>
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<tr>
<td>7:30a–3:30p</td>
<td><strong>REGISTRATION DESK AND CONFERENCE SERVICES</strong> (Monterey Conference Center Level One: Serra Lobby)</td>
<td></td>
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<tr>
<td>8:00a–12:10p</td>
<td><strong>EXHIBITOR FOCUS</strong> (Monterey Conference Center Level Two: Steinbeck Ballroom)</td>
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<td>8:00a–1:30p</td>
<td><strong>EXHIBIT HALL OPEN</strong> (Monterey Conference Center Level Two: Steinbeck Ballroom)</td>
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<tr>
<td>8:00a–8:30a</td>
<td><strong>EXHIBITOR FOCUS</strong> (Monterey Conference Center Level Two: Steinbeck Ballroom)</td>
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<tr>
<td>8:00a–8:30a</td>
<td><strong>POSTER SESSION</strong> (Monterey Conference Center Level Two: Colton I, II, III)</td>
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</tbody>
</table>

### TECHNICAL SESSION 7

#### Funding and Finance
- **P3s and Alternative Funding/Delivery Approaches**
  - Room: Portola - De Anza Ballroom I
  - Todd Snyder, County of San Diego
  - Jeanette Huddleston, Sacramento County

#### Outreach and Education
- **Building a Community of Leaders**
  - Room: Portola - De Anza Ballroom II
  - Jonathan Meronek, SCS Engineers

#### Industrial PFAS in Stormwater
- Room: Portola - De Anza Ballroom III
- Brenda Ponton, Woodard & Curran

#### Municipal Program Implementation
- **Making Inspections Work for You**
  - Room: Portola - Bonsai I, II, III
  - Stephanie Gaines, County of San Diego

#### Sustainability Resiliency
- Room: Marriott - San Carlos I, II
- Amy Margolis, Weston Solutions, Inc.

#### Monitoring, Science, and Data Management
- **Novel Stormwater Studies / Human Health and Sources**
  - Room: Marriott - San Carlos III
  - Craig Kolodge, Association of Compost Producers (ACP)

#### Construction and Post-Fire Response
- **Panel: Using Recycled Organics for Stormwater Management & Treatment: Challenges, Successes, & Opportunities**
  - Room: Marriott - San Carlos IV
  - Panelists:
    - Returning to Baseline – A Year Later
      - Brendan Mulholland, Lawrence Berkeley National Laboratory
    - Post-Fire Hazardous Stormwater Treatment – What Works...
      - What Doesn’t
      - Todd Thathamer, CalRecyle
    - Re-purposing Recycled Organics to Deliver Ecosystem Services
      - Chris Senev, Republic Services

#### Wednesday, October 9

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:30a to 8:55a</td>
<td><strong>Enabling Conditions and Barriers of Community-based Public Private Partnerships (P3s)</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
</tr>
<tr>
<td>8:30a to 8:55a</td>
<td><strong>Jeremy Sokulsky Environmental Incentives</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>8:30a to 8:55a</td>
<td><strong>Julie Beth Hinds University of California, San Diego</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>8:30a to 8:55a</td>
<td><strong>Laura Carpenter Brown and Caldwell</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>8:30a to 8:55a</td>
<td><strong>City of San Diego’s Industrial Commercial Inspection Program Gets a New Look</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>8:30a to 8:55a</td>
<td><strong>Julie MarLett City of San Diego</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>8:30a to 8:55a</td>
<td><strong>Eric Zickler Lotus Water</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>8:30a to 8:55a</td>
<td><strong>California’s First Chemical Human Health Risk Assessment on Stormwater – Results from the Santa Susana Field Laboratory</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>8:30a to 8:55a</td>
<td><strong>Ruth Custance Geosyntec Consultants, Inc.</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tbody>
<tr>
<td>9:00a to 9:25a</td>
<td><strong>Follow the Money – Integrating Stormwater into Community Development</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>9:00a to 9:25a</td>
<td><strong>Chris Helmer City of Imperial Beach</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>9:00a to 9:25a</td>
<td><strong>Rain Guardians: Protecting Green Infrastructure by Leveraging Environmental Stewardship in Neighborhoods</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>9:00a to 9:25a</td>
<td><strong>Meghan Daniels Parsons Corporation</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>9:00a to 9:25a</td>
<td><strong>PFAS in Stormwater: What We Know</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>9:00a to 9:25a</td>
<td><strong>Rula Deeb Geosyntec Consultants, Inc.</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>9:00a to 9:25a</td>
<td><strong>Public Outreach Strategies Improve Commercial/Industrial Stormwater Management Programs</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>9:00a to 9:25a</td>
<td><strong>Erin Lennon EDA, Inc.</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>9:00a to 9:25a</td>
<td><strong>Battle-Testing Green Infrastructure Plans for Future Climate Change Resiliency</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>9:00a to 9:25a</td>
<td><strong>Matthew Fabry City/County Association of Governments of San Mateo County</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
</tr>
<tr>
<td>9:00a to 9:25a</td>
<td><strong>Residential Drainage Areas with Onsite Wastewater Treatment Systems Contribute HF183 During Wet Weather</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
</tr>
<tr>
<td>9:00a to 9:25a</td>
<td><strong>Neil Searing County of San Diego</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td>9:00a to 9:25a</td>
<td><strong>Caltrans Two Year Evaluation of Compost Best Management Practices</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
</tr>
<tr>
<td>9:00a to 9:25a</td>
<td><strong>Scott Dowlan Caltrans</strong></td>
<td>Room: Portola - De Anza Ballroom I</td>
</tr>
</tbody>
</table>
TECHNICAL SESSION 8

Funding and Finance
Panel: Development and Implementation of the Los Angeles County Safe, Clean Water Program
Room: Portola - De Anza Ballroom I
MODERATORS
Richard Watson
Richard Watson & Associates
Panelists:
Richard Watson
Richard Watson & Associates
Russ Bryden
Los Angeles County Natural Resources Defense Council
Corinne Bell
Sonoma County Water Agency
Diana Mahmut
City of South Pasadena
Student Outreach: Utilizing One Program for Compliance with Another
Kory Hebner
Wayne Rosenbaum Environmental Law Group LLP
Identifying and Eliminating Dry Weather Flows, a Paired Monitoring and Outreach Approach
Reed Thornberry
City of San Marcos
Panelists:
Wayne Rosenbaum
Environmental Law Group LLP
Sean Porter
Apex Companies LLC
Ian Adam
Fuscoe Engineering
Ed Othmer
MWH Global / Stantec
Matthew Lantz
GSI Environmental Inc.

Outreach and Education
Stakeholder Engagement
Room: Portola - De Anza Ballroom II
Panelists:
Jennifer Kaiser
Vallejo Flood & Wastewater District
Brian Menke
City of San Diego
John Heintz
Latham & Watkins LLP
Reid Bogert
San Mateo Countywide Water Pollution Prevention Program
When It Rains, It Pours: Exploring Resident Engagement With a Rain Barrel Outreach Campaign
Emir Williams
City of San Diego
Panelists:
Kory Hebner
Sonoma County Water Agency
TJ Moon
Los Angeles County

Industrial Forum: How Litigation and Regulation Drive Technology – The Perfect Versus the Good
Room: Portola - Bonsai I, II, III
Panelists:
Paul Glenn
CDM Smith
Brianna Menke
City of San Diego
Wayne Rosenbaum
Environmental Law Group LLP
Identifying and Eliminating Dry Weather Flows, a Paired Monitoring and Outreach Approach
Reed Thornberry
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Sean Porter
Apex Companies LLC
Ian Adam
Fuscoe Engineering
Ed Othmer
MWH Global / Stantec
Matthew Lantz
GSI Environmental Inc.

Municipal Program Implementation
Managing Stormwater Infrastructure
Room: Portola - San Carlos I, II
Panelists:
Paul Glenn
CDM Smith
Brianna Menke
City of San Diego
Wayne Rosenbaum
Environmental Law Group LLP
Identifying and Eliminating Dry Weather Flows, a Paired Monitoring and Outreach Approach
Reed Thornberry
City of San Marcos
Panelists:
Wayne Rosenbaum
Environmental Law Group LLP
Sean Porter
Apex Companies LLC
Ian Adam
Fuscoe Engineering
Ed Othmer
MWH Global / Stantec
Matthew Lantz
GSI Environmental Inc.

Sustainability
Stormwater as a Resource
Room: Marriott - San Carlos III
Panelists:
Peter Schultze-Allen
EOA Inc.
Joanne Brasch
California Product Stewardship Council
Eun-Soo Lim
County of San Mateo Tobacco Waste Policy
Jim Rasmus
Carollo Engineers, Inc.
Panelists:
Peter Schultze-Allen
EOA Inc.
Joanne Brasch
California Product Stewardship Council
Eun-Soo Lim
County of San Mateo Tobacco Waste Policy
Jim Rasmus
Carollo Engineers, Inc.

Monitoring, Science, and Data Management
Monitoring Programs
Room: Marriott - San Carlos IV
Panelists:
Peter Schultze-Allen
EOA Inc.
Joanne Brasch
California Product Stewardship Council
Eun-Soo Lim
County of San Mateo Tobacco Waste Policy
Jim Rasmus
Carollo Engineers, Inc.
Panelists:
Peter Schultze-Allen
EOA Inc.
Joanne Brasch
California Product Stewardship Council
Eun-Soo Lim
County of San Mateo Tobacco Waste Policy
Jim Rasmus
Carollo Engineers, Inc.

Trash Panel: Comply with the Trash Amendment and Save the Planet: Stopping Plastic and Tobacco Waste at the Source
Room: Marriott - San Carlos IV
Panelists:
Peter Schultze-Allen
EOA Inc.
Joanne Brasch
California Product Stewardship Council
Eun-Soo Lim
County of San Mateo Tobacco Waste Policy
Jim Rasmus
Carollo Engineers, Inc.
Panelists:
Peter Schultze-Allen
EOA Inc.
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Jim Rasmus
Carollo Engineers, Inc.

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When It Rains, It Pours: Exploring Resident Engagement With a Rain Barrel Outreach Campaign
Emir Williams
City of San Diego
Panelists:
Kory Hebner
Sonoma County Water Agency
TJ Moon
Los Angeles County

10:25a–11:15a BREAK, EXHIBITOR FOCUS AND PRIZE DRAWING (Monterey Conference Center Level Two: Steinbeck Ballroom)

10:25a–11:15a BREAK, EXHIBITOR FOCUS AND PRIZE DRAWING (Monterey Conference Center Level Two: Steinbeck Ballroom)
<table>
<thead>
<tr>
<th>TECHNICAL SESSION 9</th>
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<tbody>
<tr>
<td><strong>Funding and Finance</strong></td>
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<tr>
<td>Estimating Program Costs: Examples, Resources, and a Trash Example</td>
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<td>Room: Portola - De Anza Ballroom I</td>
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<tr>
<td><strong>Outreach and Education</strong></td>
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<td>Tools for Inspiring Change</td>
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<tr>
<td>Room: Portola - De Anza Ballroom II</td>
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<tr>
<td><strong>Industrial CASQA Awardee Presentations</strong></td>
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<td>Room: Portola - De Anza Ballroom III</td>
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<tr>
<td><strong>Municipal Program Implementation Roundtable: Addressing Stormwater and Homelessness through Pay for Performance Partnerships</strong></td>
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<tr>
<td>Room: Marriott - San Carlos I, II, III</td>
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<tr>
<td><strong>Sustainability</strong></td>
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<td>Sustainable Methods for Parks</td>
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<td>Room: Marriott - San Carlos I, II</td>
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<td><strong>Monitoring, Science, and Data Management</strong></td>
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<tr>
<td>Accurately Quantifying Non-Stormwater Flows</td>
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<td>Room: Marriott - San Carlos III</td>
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<tr>
<td><strong>Trash</strong></td>
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<td>Trash Control Measure Planning – #3</td>
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<td>Room: Marriott - San Carlos IV</td>
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<tr>
<td>Moderator TBD</td>
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<tr>
<td>Bill Dean BCK Programs, LLC</td>
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<tr>
<td>Lisa Haney Orange County Sanitation District</td>
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<td>Chad Praul Environmental Incentives, LLC</td>
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<td>Kelly Havens Geosyntec Consultants, Inc.</td>
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<td>Katie Padilla City of San Diego</td>
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<tr>
<td><strong>Trash Order Compliance Program Costs and Cost Recovery Strategies</strong></td>
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<tr>
<td>Stephanie Shamblin Gray HDR</td>
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<tr>
<td>Trash Order Compliance Program Costs and Cost Recovery Strategies Panelists TBD</td>
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<td>Panelists TBD</td>
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<tr>
<td>2019 CASQA Awardee: Outstanding Industrial Stormwater BMP Implementation Project</td>
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<td>Arlene Chun San Bernardino County Stormwater Program</td>
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<td>第十 Avenue Marine Terminal Modernization Project – TIGER Phase 1 – Stormwater Biofiltration System</td>
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<td>San Diego Unified Port District</td>
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<td>Christian Braun Port of San Diego</td>
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<td>Alex Yescas HDR</td>
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<tr>
<td>Modernizing Park and Zoo Relevancy: How to Increase Sustainability, Improve Resiliency, and Protect Water Availability</td>
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<td>Jennifer Walker Waterarth, Inc.</td>
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<tr>
<td>Flow Source Forensics: Using Multiple Lines of Evidence to Identify and Quantify Dry-Weather Flow Sources</td>
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<tr>
<td>Joanna Wsniewska County of San Diego</td>
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<tr>
<td>Trash Amendment Compliance – A Municipal Roll Out Plan for the Future</td>
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<td>Tim Murphy City of Carlsbad</td>
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<th>11:45a to 12:10p</th>
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<tr>
<td><strong>Developing Resources for Assessing Costs and Benefits in Stormwater Management</strong></td>
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<tr>
<td>Erik Porse Office of Water Programs at Sacramento State</td>
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<tr>
<td>Developing Resources for Assessing Costs and Benefits in Stormwater Management Panelists TBD</td>
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<tr>
<td>Kevin Perry Urban Rain Design, Inc.</td>
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<td>Port of Port Angeles – Green Stormwater Retrofit Solution</td>
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<td>Laura Weiden Kennedy Jenks Consultants</td>
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<td>Malibu Legacy Park: Nine Years of Success and Lessons Learned</td>
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<td>Persephone St. Charles Woodard &amp; Curran</td>
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<td>How Accurate are My Flow Data? Water Level Sensor Evaluation to Assess Confidence in Compliance Assessments</td>
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<tr>
<td>Ryan Jensen County of San Diego</td>
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<tr>
<td>State Trash Amendment Planning for Large Municipalities Using GIS</td>
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<tr>
<td>Charles Mohstock County of San Diego</td>
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</tbody>
</table>

| 12:10p–1:30p | LUNCH, CONFERENCE SCHOLARSHIP PROGRAM AWARDS ANNOUNCEMENT, CONFERENCE THANK YOU’S (Monterey Conference Center Level One: Serra Ballroom) |
### TECHNICAL SESSION 10

**Funding and Finance**
Forum: Managing an Enterprise in Local Government – Best Practices
Room: Portola - De Anza Ballroom I

**Stormwater Infrastructure and Natural Waterways**
Concrete Pavement BMPs
Room: Portola - De Anza Ballroom II

**Industrial**
Permit Compliance Methods
Room: Portola - De Anza Ballroom II

**Municipal Program Implementation**
Proactive Asset Planning
Room: Portola - Bonsai I, II, III

**Sustainability**
Forum: Fostering Urban Capture and Use
Room: Marriott - San Carlos I, II

**Monitoring, Science, and Data Management**
Data Management
Room: Marriott - San Carlos III

**Trash**
Receiving Water Trash Reduction and Monitoring
Room: Marriott - San Carlos IV

#### MODERATORS
- Elizabeth Treadway
  Wood Environment and Infrastructure, Inc.
- Vicki Kalkiriz
  City of San Diego
- Elisa Garvey
  Carollo Engineers
- Richard Boon
  Riverside County Flood Control and Water Conservation District
- Chris Beeghan
  State Water Resources Control Board
- Bonnie de Berry
  EDA, Inc.
- Matt Freiberg
  Stantec

#### 1:30p to 1:55p
- Panelists:
  - Elizabeth Treadway
    Wood Environment and Infrastructure, Inc., Inc.
- Additional panelists
  TBD

- Sweeper Pilot Study & Porous Pavement
  Jim Hook
  City of San Diego

- Temporary and Pilot Treatment Systems as Interim Compliance Under the California IGP
  Kristine Sommer
  Clear Water Services, LLC

- Preparing for a CBP3: Start with a Dynamic GSI Accounting and Planning System
  Heidi Niggemeyer
  City of Salinas

- City of San Diego Watershed Asset Management Plan Evolution
  Sumer Hasenin
  City of San Diego

- Using Federated Data and Open APIs to Improve Understanding, Prioritization and Management
  Eric Boilies
  CloudCompli, Inc.

- Trash Booms – Costs, Benefits, and Challenges to an Alternative Trash Capture Device
  Kirsten Struve
  Santa Clara Valley Water District

- Pervious Concrete Pavement Pilot Study at Heavy Traffic Site
  Vllk Rupana
  CWE

- No Exposure... No Problem!
  Kate Downey
  Clements Environmental Corporation

- City of San Diego Watershed Asset Management Plan Evolution
  Sumer Hasenin
  City of San Diego

- Achieving Consistent and Efficient MS4 Permit Compliance and Reporting with ArcGIS Online
  Craig Gooch
  Psomas

- New Receiving Water Trash Monitoring Protocols – Preliminary Results from the San Francisco Bay Area
  Paul Randall
  EDA, Inc.

#### 2:00p to 2:25p

### TECHNICAL SESSION 11

**Funding and Finance**
Roundtable: Moving the Needle – How to Make My Stormwater Program Politically Relevant to Garner Funding
Room: Portola - De Anza Ballroom I

**Stormwater Infrastructure and Natural Waterways**
Siting BMPs in Challenging Locations
Room: Portola - De Anza Ballroom II

**Industrial**
IGP Case Studies
Room: Portola - De Anza Ballroom II

**Municipal Program Implementation**
Long Term Planning Big and Small
Room: Portola - Bonsai I, II, III

**Sustainability**
Green Infrastructure
Room: Marriott - San Carlos I, II

**Monitoring, Science, and Data Management**
Stormwater Programs
Room: Marriott - San Carlos III

**Trash**
Plastics from Macro to Micro
Room: Marriott - San Carlos IV

#### MODERATORS
- Jason Drew
  NCE
- Nancy Gardiner
  Haley & Aldrich, Inc.
- Dave Mercier
  Michael Baker International
- Kristina Hysler
  Wood Environmental and Infrastructure, Inc.
- Heidi Niggemeyer
  City of Salinas
- Garth Englehorn
  Alta Environmental
- Patrick Kuga
  Michael Baker International

#### 2:30p to 2:55p
- Panelists:
  - Jason Drew
    NCE
  - Dave Rios
    NCE
  - Panelist TBD

- NYCEP Green Infrastructure: Porous Concrete Panel Pilot Project
  Anthony Falcone
  HDR

- Four Years In – What Have We Learned?
  Kelly Hansen
  KERAMIDA, Inc.

- San Francisco’s Large-Site Green Infrastructure Grant Program
  Sarah Bloom
  San Francisco Public Utilities Commission

- Green Stormwater Infrastructure (GSI) at the VA Palo Alto Health Care System
  Heather Halkola
  VA Palo Alto Health Care System

- An Overview of the Washington Stormwater Center
  John Stark
  Washington State University

- Stemming the Tide of Plastics with a Foodware Ordinance
  Agnes Martelet
  City of Carmel

- How Can We Make These BMPs Work at Our Facility?
  Debbie Nakamura
  Metropolitan Water District of Southern California

- Choose Your Own Exceedance Response Action Adventure: If at First You Don’t Succeed, Try Another BMP
  Julie Walters
  Geosyntec Consultants, Inc.

- School District Phase II Designation Planning: Lessons Learned from 16 Years of Storm Water Management
  Annika Dorman
  D-Max Engineering, Inc.

- GI as a Strategy for Community Resiliency and Placemaking: The North Richmond Watershed Connections Project
  John Steere
  Contra Costa County Watershed Program

- Validating Stormwater Program Effectiveness with Standardized Outfall Stormwater Monitoring
  Krista McDonald
  2NDNATURE

- Microparticles and Microplastics in San Francisco Bay Area Stormwater
  Alicia Gilbreath
  San Francisco Estuary Institute
CASQA is pleased to include a poster session at the conference. The posters will be displayed all days on Level Two of the conference center (Colton I, II, III). The poster authors will be available to answer questions at the Monday morning break and during other breaks as available.

**Oral Presentation + Poster Presentation**

**Comparison of the Difference Between Visual Trash Assessments for Priority Land Uses Along Roadway Segments and Within Parcels Adjacent to Roadway Segments**
Teresa Bhardwaj, D-Max Engineering, Inc.

**Green Stormwater Infrastructure (GSI) at the VA Palo Alto Health Care System**
Heather Halkola, VA Palo Alto Health Care System

**Green Stormwater Infrastructure Assessments in Santa Clara County, CA: An In-Situ Analysis of Select Bioretention Project**
Laura Bates, San Jose State University

**Public Outreach Strategies Improve Commercial/Industrial Stormwater Management Programs**
Erin Lennon, EDA, Inc.

**Truckee River Water Quality Monitoring The Program – A Ten Year Update**
Stefan Schuster, CDM Smith

**Utilizing Unmanned Aerial Systems for Post-Wildfire Hazard Assessments and Hydrologic Response Planning**
Robert Leeper, Haley & Aldrich, Inc.

**Alternate Oral Presentation + Poster Presentation**

**Raise the Grade for Stormwater Infrastructure Using the Envision Sustainability Rating System Tools**
Suzanne Wilkins, CDM Smith

**2019 CASQA Awardee: Outstanding News, Information, Outreach, and Media Project:**
Can the Trash! Clean Beach Poster Contest
Susana Espinosa, Los Angeles County Department of Beaches and Harbors

**A Comparative Study of Stormwater Modeling Tools: A Closer Look at the Trending 2-Dimensional Techniques**
Hassan Tavakol, San Diego State University

**Caltrans’ Protect Every Drop Stormwater Public Education and Awareness Campaign: Doing Your Part**
Ana Serrano, Caltrans

**Caltrans’ Protect Every Drop Stormwater Public Education and Awareness Campaign: Litter is Preventable**
Ana Serrano, Caltrans

**Data Collection Tools to Assess Post-Wildfire Impacts at a Watershed Level: An Approach Using Drones and Geospatial Techniques**
Austin Kay, Alta Environmental

**Does What We Do Make a Difference? Connecting the Dots from Inspections and Outreach to Outfall Flows**
Joey Schmitt, Action Research

**GIS-Based Screening and Prioritization in Identifying Alleys for the Los Angeles County Green Alley Master Plan**
Sheri Dister, Weston Solutions, Inc.

**Lake Isabella Dam Safety Modification Project: Stormwater Challenges with a Large Construction Project**
Everett Omori, U.S. Army Corps of Engineers

**Not Just Any Ordinary Sample; What You Need to Know Before Sampling PFAS**
Bridgette Reddington, Alta Environmental

**Parking with a Purpose – Early Implementation of Green Stormwater Infrastructure**
Juliana Martin, County of Santa Clara

**Quality Data Matters: Challenges in Effective Resource Management and Solutions through Quality Assurance**
John Franco Saraceno, CA Department of Water Resources

**Rediscovering San Marcos: Employing Innovation into the Streetscape Design While Maximizing Land Use Efficiency and Achieving Full Storm Water Compliance**
Pavitra Rammohan, DeepRoot Green Infrastructure LLC

**Remedial Engineered Control and Restoration of Seasonal Stream at Former Rocket Manufacturing Facility**
Justin Evans, Entaise, Inc.

**Simulating Storm Water Infiltration Systems Using MODFLOW-USG**
Mehran Ebrahimi, GSI Environmental Inc.

**Storm & Sewer Water Ions Filtration Technology (SWIFT)**
Michael Ormay, Michael R. O. Ormay

**Tracing Fecal Contaminants: From Stormwater to the Ocean**
Sara Driscoll, Applied Marine Sciences

**Value, Methods, and Lessons Learned for Regional Large-Scale Cone Penetration Testing to Determine Infiltration Site Selection in Support of the Los Angeles Green Streets Master Plan**
Paul Glenn, CDM Smith

**Why Aren’t We Using Stormwater?**
Ellen Mackey, Metropolitan Water District of Southern California

**Assessment of the Contribution of Utility Vault Water to Surface Water Pollution**
Jeremy Laurin, Pacific Gas & Electric Company

**Risk-Based Threshold for a Mixture of Human and Gull-Associated Microbial Source Tracking Markers in Recreational Water: Implications for Regulatory Programs**
Kendra Brown, Exponent

**Green Infrastructure Optimization to Achieve Pre-Development Conditions of a Semi-arid Urban Catchment**
Hessam Tavakol-Davani, Benchmark Civil Engineering and Land Surveying

**In-Depth Analysis for the Selected TMDLs Incorporated into the California Storm Water NPDES Permits- Strategic Planning to Comply with the TMDLs**
Chris Hsu, GSI Environmental

**Prediction of Groundwater Plume Migration in Response to Stormwater Recharge**
Sam Darkwash, Carollo Engineers

**Regional Stormwater Infiltration Project on a Site with Contaminated Soils, a Case Study**
Sam Darkwash, Carollo Engineers

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<td>LOS ANGELES COUNTY</td>
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<td>Geosyntec consultants</td>
<td></td>
<td>Michael Baker</td>
<td>INTERNATIONAL</td>
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<td>Engineering and Consulting</td>
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<td>LARRY WALKER ASSOCIATES</td>
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<td>Science, Policy Solutions</td>
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#### Specialty

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**Premium Exhibitors**

- 2DNATURE
- ADS, Inc.
- Caltest Analytical Lab.
- CBI Systems, Ltd.
- Clear Creek Systems, Inc.
- Coanda, Inc.
- DeepRock
- Earthsewers
- EnviroCert International, Inc.
- Frog Creek Partners
- G2 Construction, Inc.
- Hydra TMDL Systems, Inc.
- Hydro International
- LSC Environmental Products, LLC
- Monterey Regional Stormwater Management Program (Host Program Sponsor)
- Mosquito and Vector Control Association of CA
- Oldcastle Infrastructure
- PACE Advanced Water Engineering
- PAT-CHEM LABORATORIES
- Porous Technologies, LLC
- Soil Retention
- Storm Water Inspection & Maintenance Services, Inc.
- StormwaterRx LLC
- Storm Water Systems
- Stine Tree
- Britz
- METER Group, Inc.
- Pure Filter Solutions, LLC
- Revel Environmental Manufacturing, Inc.
- RJR Engineering
- Sitka Technology Group
- StormTree
- Weck Laboratories, Inc.
- ZCL - Xerxes
In the event of a cancellation of a scheduled presentation, an alternate presentation below will be substituted.

<table>
<thead>
<tr>
<th>Funding and Finance</th>
<th>Monitoring, Science, and Data Management</th>
<th>Sustainability</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Industrial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology to Address the Evolving Challenge of Industrial Stormwater Nick Roberts, Mapistry</td>
</tr>
<tr>
<td>Rule of Three: Training, Testing, and Teamwork Cynthia Liles, Clements Environmental Corporation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Legislation, Policy, Permitting, and Legal</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Continuous Process of Improving Implementation Aryana Moore, CASC Engineering and Consulting, Inc.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Municipal Program Implementation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Take Your Program to the Next Level by Putting Your Data to Work For You Grant Sharp, County of Orange</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stormwater Infrastructure and Natural Waterways</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stormwater Quality Treatment with Open Graded Friction Course Pavement in Highway Environments Mark Keisler, Caltrans</td>
</tr>
</tbody>
</table>

JOIN CASQA

CASQA is a non-profit professional member association dedicated to the advancement of stormwater quality management through collaboration, education, implementation guidance, regulatory review, and scientific assessment.

Regular or affiliate membership in CASQA is open to organizations and individuals in the stormwater field, whether holders of NPDES permits or not. If you are not currently a member, by joining now, you can receive substantial reductions on future CASQA annual conferences. Additional member benefits include exclusive access to the Bi-Weekly Update, Water Quality NewsFlash, Member Library, and Member Forum, as well as member discounts to online and downloadable products, and events. CASQA membership provides substantial benefits even if you are based outside California.
Individual Attendee

<table>
<thead>
<tr>
<th>General Registration</th>
<th>CASQA Member</th>
<th>Non-Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Registration</td>
<td>Late</td>
<td>Registration</td>
</tr>
<tr>
<td>Ends 8-26-2019</td>
<td>Effective</td>
<td>8-27-2019</td>
</tr>
<tr>
<td>3-Day Full Conference Pass* Monday, Tuesday, Wednesday</td>
<td>$610</td>
<td>$760</td>
</tr>
<tr>
<td>2-Day Conference Pass: your choice of two days</td>
<td>$410</td>
<td>$535</td>
</tr>
<tr>
<td>1-Day Conference Pass: your choice of one day</td>
<td>$275</td>
<td>$380</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Speaker / Panelist and Poster Presenter Registrations</th>
<th>CASQA Member</th>
<th>Non-Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deadline to register 9-9-2019</td>
<td>$525</td>
<td>$645</td>
</tr>
<tr>
<td>3-Day Full Conference Pass: Monday, Tuesday, Wednesday</td>
<td>$610</td>
<td>$650</td>
</tr>
<tr>
<td>2-Day Conference Pass: your choice of two days</td>
<td>$415</td>
<td>$470</td>
</tr>
<tr>
<td>1-Day Conference Pass: your choice of one day</td>
<td>$275</td>
<td>$270</td>
</tr>
</tbody>
</table>

* The Full Conference Pass includes the Networking Event on Monday evening.

Speaker, Panelist, and Poster Presenter Rate Eligibility

CASQA offers a reduced conference rate for eligible speakers, panelists, and poster presenters as described below:

- Eligible for discount:
  - Primary speaker (1) for each technical presentation
  - Alternate presentation speaker for each technical program track
  - Panelists for a panel, forum, or roundtable
  - Training Workshop speakers / panels
- Supporting speakers are not eligible and must pay the full Member or Non-Member attendee rate
- Poster presenters who are not also presenting orally and are not alternate presentation speakers receive a $50 discount off the Member general attendee rate
- Speaker/Panelist, and Poster Presenter rates apply to both Members and Non-Members

Additional Notes

No-charge Speaker, Panelist, or Poster-Only Presenter option:

- There is no charge for speakers/panelists attending only the session or the half-day of a training workshop in which they are speaking, or for poster-only presenters attending only the morning break on Monday; therefore no need to officially register. For this option, contact our Events Manager.
- Lunch is not included for no charge speakers, panelists, or poster-only presenters.
- If a no-charge speaker, panelist, or poster-only presenter plans to attend another session (Tuesday or Wednesday) or the other half of Monday, including lunch, but no other conference days, then they must purchase a 1-Day Conference Pass.
- No-charge speakers, panelists, or poster-only presenters must still check in at the CASQA Conference Registration Desk to pick up their packet and badge.

Webcast: Plenary Session and Training Workshop Program
(October 7 only)

**Webcast includes:** Plenary Session with Keynote Address on Mon., Oct. 7 from 8:30 a.m. to 10:00 a.m.; Training Workshops Mon., Oct. 7 from 1:30 p.m. to 5:00 p.m. (Pacific Time). All webcasts license allow switching between the 7 training workshops during the broadcast, giving unlimited access to all training workshops included in the webcast.

**Not included:** Field Tour and Priming the Pump – Letting Ideas Flow sessions (Mon.); Technical Program (Tues. and Wed.).

<table>
<thead>
<tr>
<th>Webcast Registration</th>
<th>Individual</th>
<th>Small Group (2-3 viewers)</th>
<th>Large Group (4-10 viewers)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CASQA Member</td>
<td>Non-Member</td>
<td>CASQA Member</td>
<td>Non-Member</td>
</tr>
<tr>
<td>Training Workshops</td>
<td>$170</td>
<td>$235</td>
<td>$415</td>
</tr>
</tbody>
</table>

Monday Evening Networking Event
(October 7 only)

Our ninth annual Networking Event will be held at the world-renowned Monterey Bay Aquarium. This is a unique opportunity to socialize after hours, enjoy food and entertainment, and continue the stormwater discussion. This event is included with a 3-Day Full Conference Pass. Tickets can be purchased as an add-on option for $100 when registering online for a 1-Day or a 2-Day Conference Pass and for guests of attendees. Dinner is included.

Payment of Registration Fees

Online registration is available at www.StormwaterConference.com under the Registration section. General Attendees and Webcast may register online until 5:00 p.m. on Tuesday, October 1, 2019. Speakers, panelists, and poster presenters must register by 5:00 p.m. on Monday, September 9, 2019. Payment is by credit card only.
The Annual Conference offers a number of opportunities for companies and organizations to provide support while gaining added visibility at the conference and through the extended reach of the training workshop webcasts.

We invite you to consider the sponsorship and advertising opportunities to find the level or event that is suitable to your organization. Several options remain as outlined below (subject to availability; see website for full list of benefits).

To purchase online with a credit card, go to www.casqa.org/events/annual-conference/sponsorship-advertising

**Sponsorship Levels**

<table>
<thead>
<tr>
<th>Sponsorship Levels</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PREMIUM</strong></td>
<td></td>
</tr>
<tr>
<td>Host Program</td>
<td></td>
</tr>
<tr>
<td>Limited to one (1)</td>
<td></td>
</tr>
<tr>
<td><strong>PREMIUM</strong></td>
<td></td>
</tr>
<tr>
<td>Platinum Stormwater Steward</td>
<td></td>
</tr>
<tr>
<td>Limited to one (1)</td>
<td></td>
</tr>
<tr>
<td><strong>PREMIUM</strong></td>
<td></td>
</tr>
<tr>
<td>Gold Stormwater Steward</td>
<td></td>
</tr>
<tr>
<td>Limited to five (5)</td>
<td></td>
</tr>
<tr>
<td><strong>SPECIALTY</strong></td>
<td></td>
</tr>
<tr>
<td>Silver Stormwater Steward*</td>
<td>Promoted as Silver Stormwater Steward with logo in Registration Brochure and Conference Program</td>
</tr>
<tr>
<td>Unlimited availability</td>
<td>Automatically distributed to all attendees (Artwork is due by August 16, 2019)</td>
</tr>
<tr>
<td>$1,000</td>
<td>Acknowledgement in Exhibit Hall (name and logo – projector or equivalent)</td>
</tr>
<tr>
<td></td>
<td>Acknowledgement with logo on CASQA website and link on CASQA Annual Conference mobile app</td>
</tr>
<tr>
<td></td>
<td>Four (4) drink tickets for the Exhibitor Reception</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EVENT</strong></td>
<td></td>
</tr>
<tr>
<td>Lunch Sponsor*</td>
<td>(SOLD OUT)</td>
</tr>
<tr>
<td>Limited to three (3)</td>
<td></td>
</tr>
<tr>
<td><strong>EVENT</strong></td>
<td></td>
</tr>
<tr>
<td>Break Sponsor*</td>
<td>(2 SOLD; 3 AVAILABLE)</td>
</tr>
<tr>
<td>Limited to five (5)</td>
<td>Acknowledgement with logo in Registration Brochure and Conference Program</td>
</tr>
<tr>
<td>$500</td>
<td>Acknowledgement in Exhibit Hall adjacent to break food tables</td>
</tr>
<tr>
<td></td>
<td>Acknowledgement with logo on CASQA website and link on CASQA Annual Conference mobile app</td>
</tr>
<tr>
<td></td>
<td>Verbal recognition by moderators</td>
</tr>
<tr>
<td><strong>EVENT</strong></td>
<td></td>
</tr>
<tr>
<td>Field Tour Sponsor</td>
<td>(SOLD OUT)</td>
</tr>
<tr>
<td>Limited to one (1)</td>
<td></td>
</tr>
<tr>
<td><strong>EVENT</strong></td>
<td></td>
</tr>
<tr>
<td>Exhibitor Reception Sponsor*</td>
<td>(2 SOLD; 1 AVAILABLE)</td>
</tr>
<tr>
<td>Limited to three (3)</td>
<td>Acknowledgement with logo in Registration Brochure and Conference Program</td>
</tr>
<tr>
<td>$500</td>
<td>Acknowledgement adjacent to one Exhibitor Reception bar (which bar is determined by CASQA)</td>
</tr>
<tr>
<td></td>
<td>Acknowledgement with logo on CASQA website and link on CASQA Annual Conference mobile app</td>
</tr>
<tr>
<td></td>
<td>Ten (10) drink tickets for the Exhibitor Reception</td>
</tr>
</tbody>
</table>

**Sponsorship Levels**

<table>
<thead>
<tr>
<th>Sponsorship Levels</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EVENT</strong></td>
<td></td>
</tr>
<tr>
<td>Networking Event Sponsor*</td>
<td>Acknowledgement with name in Registration Brochure and Conference Program and Conference Program ($250 and $500 levels)</td>
</tr>
<tr>
<td>at the Monterey Bay Aquarium (October 7)</td>
<td>Acknowledgement with logo in Registration Brochure and Conference Program ($1,000 level)</td>
</tr>
<tr>
<td>Unlimited availability</td>
<td>Acknowledgement with logo on conference hotel key card ($500 and $1,000 levels), if purchased by August 14, 2019.</td>
</tr>
<tr>
<td>$250, $500 and $1,000 levels</td>
<td>Acknowledgement with logo on CASQA website and link on CASQA Annual Conference mobile app</td>
</tr>
<tr>
<td></td>
<td>Acknowledgement at the Networking Event</td>
</tr>
<tr>
<td></td>
<td>Complimentary drink tickets (see CASQA website for details)</td>
</tr>
</tbody>
</table>

**CUSTOMIZABLE**

<table>
<thead>
<tr>
<th>Conference App Sponsor</th>
<th>(SOLD OUT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limited to one (1)</td>
<td></td>
</tr>
</tbody>
</table>

**CUSTOMIZABLE**

<table>
<thead>
<tr>
<th>Charging Station Sponsor*</th>
<th>(2 AVAILABLE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(must be purchased by 9/6/2019)</td>
<td>Acknowledgement with logo in Registration Brochure and Conference Program</td>
</tr>
<tr>
<td></td>
<td>Acknowledgement with logo on CASQA website and link on CASQA Annual Conference mobile app</td>
</tr>
<tr>
<td></td>
<td>Acknowledgement sign at charging station</td>
</tr>
<tr>
<td></td>
<td>Charging station can be customized with sponsor’s logo, revolving photos, video, or advertisement</td>
</tr>
<tr>
<td></td>
<td>Captive audience at charging station, available to attendees Mon. morning–Wed. afternoon</td>
</tr>
</tbody>
</table>

Sale of sponsorships will not be confirmed until payment is received. Sponsors will be acknowledged for their contribution to the 2019 CASQA Conference as described above.

* This sponsorship does not include a conference pass registration. You can purchase a registration to attend via the Registration page.

**Advertising**

Advertising can also be purchased for the Conference Program provided to all conference attendees. **Artwork is due by August 16, 2019.**

**Advertisement Sizes**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL PAGE $800**</td>
<td>Two options for sizing below: with page margins OR full-page bleed</td>
</tr>
<tr>
<td></td>
<td>Dimensions: 10&quot; high x 7.5&quot; wide; OR</td>
</tr>
<tr>
<td></td>
<td>Full page with bleed: 11&quot; high x 8.5&quot; wide (plus 1/8&quot; bleed on all sides for a total dimension of 11.25&quot; high x 8.75&quot; wide)</td>
</tr>
<tr>
<td>HALF PAGE $500**</td>
<td>Dimensions: 4.68&quot; high x 7.5&quot; wide</td>
</tr>
<tr>
<td>QUARTER PAGE $300**</td>
<td>Dimensions: 4.9&quot; high x 3.45&quot; wide</td>
</tr>
</tbody>
</table>

**RATES above are for advertisers that are not conference sponsors**
Exhibiting Opportunities

Exhibit booths are sold out for this year’s conference. Contact Karen Ashby, KarenA@LWA.com or phone (530) 753-6400 x232 about exhibiting at the 2020 CASQA Annual Conference on September 14–16, 2020 at the Paradise Point Resort in San Diego, California.

Additional Conference Information

Please contact CASQA by e-mail at info@casqa.org or leave a message at (650) 366-1042 for specific accommodation requests or questions.

The latest agenda and conference information is posted online at www.StormwaterConference.com.

Travel

By Air and Rail
The Monterey Conference Center is about 100 miles from the San Francisco International Airport, 70 miles from the San Jose International Airport, just 4 miles from the Monterey Regional Airport, and is a free 30 minute bus trip away from the Salinas Amtrak train station.

Hotel Reservations

Detailed information about rates, registration, directions, and parking for the conference hotels can be found on the Hotel and Travel page of the CASQA website Annual Conference section at www.casqa.org/events/annual-conference/hotel-and-travel.

This year CASQA has partnered with the Monterey County Convention & Visitors Bureau for the most convenient method to make your reservation in any of the room blocks. Please do not contact the hotels directly to make, change, or cancel your reservation. Reservations must be made online at https://mmxreservations.com/fer/ll/MontereyCVB?pageCode=CASQA2019.

CASQA has room blocks at the Monterey Marriott, Portola Hotel and Spa at Monterey Bay, Hotel Pacific, and Hotel Abrego. Please check the reservation link for current availability and the website for the latest information. Demand has been high and not all hotels may still be available. CASQA has been adding rooms and new hotels on an ongoing basis to meet the needs of conference attendees so availability may change on a daily basis.

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Lover's Point in Monterey