

Agenda

Locations are in the SAFE Credit Union Convention Center unless stated as Offsite.

SUN OCT 20

4:00p - 6:00p	CONFERENCE SERVICES	LOCATION: WEST LOBBY, LEVEL 1 Beat the Monday morning rush by checking in at the CASQA Registration Desk on Sunday.
4:00p - 6:00p	WELCOME HAPPY HOUR	LOCATION: WEST LOBBY, LEVEL 1 Greet fellow early arrivals before heading out to dinner (cash bar).

MON OCT 21

7:30a - 8:30a	COFFEE	LOCATION: BALLROOM A PRE-FUNCTION, LEVEL 2 WEST
7:30a - 5:30p	CONFERENCE SERVICES	LOCATION: WEST LOBBY, LEVEL 1 CASQA Conference Services and Registration Desk
8:30a - 10:30a	PLENARY SESSION	LOCATION: BALLROOM A1, LEVEL 2 WEST
	WELCOME AND OPENING REMARKS Rob Carson <i>Chair, CASQA Board of Directors</i> Karen Cowan <i>Executive Director, CASQA</i>	CASQA AWARDS BOARD OF DIRECTORS AND EXECUTIVE PROGRAM COMMITTEE RECOGNITION OUTSTANDING SERVICE EXHIBITOR RECOGNITION OUTSTANDING STORMWATER PROGRAMS AND PROJECTS GEOFF BROUSSEAU LEADERSHIP AWARD
		KEYNOTE Letitia Grenier <i>Director – Water Policy Center and Senior Fellow, Public Policy Institute of California (PPIC)</i>
10:30a - 11:00a	BREAK	LOCATION: BALLROOM A PRE-FUNCTION, LEVEL 2 WEST
11:00a - 4:00p	FIELD TOUR	LOCATION: OFFSITE - SacSewer EchoWater Resource Recovery Facility Limited to 48 participants by pre-paid ticket (lunch included); tickets are not available onsite. Bus pick-up / drop-off: SAFE Credit Union Convention Center



Photographer [Melissa Jacobs](#).

MON OCT 21 CONTINUED

SESSION 1	TRACK: Modeling and Data Tools	TRACK: Funding	TRACK: Municipal Programs	TRACK: Monitoring and Special Studies	TRACK: Stormwater Capture and One Water Collaborations	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Construction General Permit
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Jian Peng Orange County Public Works	David Smith Water Innovation Services	Rob Carson County of Marin	Bonnie de Berry EOA, Inc.	Maureen Kerner Office of Water Programs at Sacramento State	Tony Hancock Black & Veatch	Joseph Draper CASQA
11:00a - 11:25a	<i>Dynamic GIS Suitability Model for Identifying Regional BMP Opportunities</i> Tony Howze PACE Advanced Water Engineering	PANEL <i>Stormwater Funding Options and Strategies- What Are the Currently Available Puzzle Pieces?</i> Panelists: Jennifer Toney State Water Resources Control Board	<i>Small Municipal Separate Storm Sewer System (MS4) General Permit Reissuance</i> Paul Levy State Water Resources Control Board	<i>Use of LiDAR Data Collection as an Effective Tool for Tracking and Identifying Streams Vulnerable to Erosion for Restorative Action</i> Jesse Aragon Orange County Public Works	<i>From Storms to Supply: Creating Frameworks to Integrate Stormwater Capture into Water Supply Planning</i> Shannon Spurlock Pacific Institute	<i>What's Really in Your Bioretention System? A Survey of Specification Compliance and Impacts of Media QA/QC</i> Craig Fairbaugh Contech Engineered Solutions	PANEL <i>QSDs, QSPs, and ToRs – Discussion on the 2009 and 2022 CGPs</i> Panelists: Brandon Roosenboom State Water Resources Control Board Sandy Mathews Larry Walker Associates
11:30a - 11:55a	<i>Put Street Sweeping on the Map: Optimize Effort and Track Water Quality Improvement With Stormwater GIS</i> Gary Conley 2NDNATURE Software, Inc	Melissa Boudrye California Governor's Office of Emergency Services Mike Dietl U.S. Bureau of Reclamation Elizabeth Borowiec U.S. EPA, Region 9		<i>Evaluation of Phosphorous Loading To Support Water Supply Protection and Control Algae in Lake Cachuma</i> Jared Ervin Geosyntec Consultants	<i>Developing a OneWatershed Framework in San Mateo County</i> Reid Bogert City/County Association of Governments of San Mateo County	<i>Media Cation Exchange Capacity (CEC) as a Predictor of Cu Sorption in Biofiltration</i> Danhui Xin Southern California Coastal Water Research Project	Kadi Whiteside Southern California Edison Andrew Sidor Michael Baker International

11:55a - 1:30p	LUNCH	LOCATION: BALLROOM A1, LEVEL 2 WEST					
11:55a - 6:00p	EXHIBIT HALL OPEN	LOCATION: EXHIBIT HALL A, LEVEL 1 WEST					
11:55a - 6:00p	POSTER SESSION	LOCATION: EXHIBIT HALL A, LEVEL 1 WEST					

SESSION 2	TRACK: Modeling and Data Tools	TRACK: Funding	TRACK: Municipal Programs	TRACK: Monitoring and Special Studies	TRACK: Stormwater Capture and One Water Collaborations	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Construction General Permit
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Jian Peng Orange County Public Works	Daniel Apt Olauanu	Sandy Mathews Larry Walker Associates	Bonnie de Berry EOA, Inc.	Maureen Kerner Office of Water Programs at Sacramento State	Tony Hancock Black & Veatch	Kyla Wood Applied Polymer Systems, Inc.
1:30p - 1:55p	<i>Novel Approaches To Support for Large-Scale Regional Hydrology and Water Quality Watershed Modeling: Lessons Learned Through Sensitivity and Uncertainty Analyses</i> John Riverson Paradigm Environmental	PANEL <i>Assembling the Puzzle- Developing Comprehensive Strategies for Local Stormwater Program Funding</i> Panelists: Reid Bogert City/County Association of Governments of San Mateo County	<i>Results of a Private Property Incentive Program: Proof It Makes an Impact and Brings New Funding</i> Scott Norris County of San Diego	<i>Stormwater Outfall and Receiving Water Trash Monitoring To Verify Trash Reductions From MS4s</i> Paul Randall EOA, Inc.	<i>OASIS Water Resource Center</i> Laura Rocha Moulton Niguel Water District	<i>Quantifying the Microplastic Removal Efficacy of Bioretention Sand Filtration</i> Hassan Davani San Diego State University	TRAINING WORKSHOP (SESSIONS 2-3) <i>Passive Treatment Technologies</i> Speakers: Brian Free and Kyla Wood Applied Polymer Systems, Inc. Matthew Renaud NV5
2:00p - 2:25p	<i>Leveraging NASA Data Products and Tools for Stormwater Management</i> Gurjot Kohli Stantec	Craig Foster City of Santa Ana Heidi Niggemeyer City of Salinas Kenneth Johansson California Department of Transportation	<i>Building on a Successful Private Property Incentives Program: Treating Impervious Surface on HOA Land</i> Grant Sharp Orange County Public Works	<i>Assessing the Ecological Impact of Instream Diversions in the North Coast</i> Jacob Morgan Paradigm Environmental	<i>Stormwater to Potable – a Blended US/International Perspective on Stormwater Recycling</i> Julia Schmitt Carollo Engineers	<i>Measuring Runoff Water Quality Improvement From Street Sweeping in Southern California</i> Elizabeth Fassman-Beck Southern California Coastal Water Research Project	

MON OCT 21 CONTINUED

SESSION 3	TRACK: Modeling and Data Tools	TRACK: Monitoring and Special Studies	TRACK: Municipal Programs	TRACK: Equity and Environmental Justice	TRACK: Stormwater Capture and One Water Collaborations	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Construction General Permit
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Jian Peng Orange County Public Works	Nick Poser NV5	Lori Pettegrew Geosyntec Consultants	Lenejde Chavez Carollo Engineers	Jim Rasmus Stantec	Lisa Austin Geosyntec Consultants	Kyla Wood Applied Polymer Systems, Inc.
2:35p - 3:00p	<i>High Resolution Calculation of Annual Mass Loads and Associated Error for Urban Runoff Discharge – Comparison of Deterministic, Stochastic, and Simplified Methods</i> Brian Laurenson Larry Walker Associates	<i>The San Diego River Investigative Order: A Synthesis of Research into Sources of Human Fecal Pollution</i> Ken Schiff Southern California Coastal Water Research Project	<i>Five Keys to Building Effective Regional Training Programs: Lessons From the Pacific Northwest</i> Rebecca Dugopolski Herrera Environmental Consultants	<i>Safe, Clean Water Program – Equity in Stormwater Investments</i> Mike Antos Stantec	<i>Socioeconomic Value of Urban Stormwater</i> Joseph Draper CASQA	<i>The Hydraulics of Flow Through Trash Screens: Are We Doing the Hole Thing Wrong?</i> Julia Watson EnviroPod	TRAINING WORKSHOP continued
3:05p - 3:30p	<i>Can Distributed Green Infrastructure Be Used To Meet Flood Mitigation Targets?</i> Caroline Burger Carollo Engineers	<i>Estimating Wastewater Exfiltration From Sanitary Sewers and Fecal Loading to Urban Stormwater</i> John Griffith Southern California Coastal Water Research Project	<i>Plan Checkers, the LID Sizing Tool Now Does Trash!</i> Scott Meyer Office of Water Programs at Sacramento State	<i>Community Engagement and Sustainability Analysis To Enhance Resiliency Against Compound Flooding</i> Hassan Davani San Diego State University	<i>Optimized Funding Success- City of LA's Multi-Benefit Stormwater Capture Projects</i> Sunshine Saucedo Carollo Engineers	<i>Unboxing: The BMP Evaluation Framework</i> Rachel Biller Los Angeles County Public Works	

3:30p - 4:00p **BREAK AND EXHIBITOR FOCUS** LOCATION: EXHIBIT HALL A, LEVEL 1 WEST

SESSION 4	TRACK: Modeling and Data Tools	TRACK: Monitoring and Special Studies	TRACK: Municipal Programs		TRACK: Stormwater Capture and One Water Collaborations	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Construction General Permit
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST		BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Joseph Draper CASQA	Nick Poser NV5	Lori Pettegrew Geosyntec Consultants		Chad Praul Environmental Incentives	Lisa Austin Geosyntec Consultants	Stacy Sinclair Flatiron West, Inc.
4:00p - 4:25p	<i>Tracking Real Time Rainwater and Runoff Capture – Planning and Tracking Tool for Stormwater Programs</i> Paul Caswell Hazen and Sawyer	<i>Pathogen Monitoring and Source Detection in the Petaluma River Watershed</i> Alisa Keenan Permit Sonoma	<i>Innovative Alternative Compliance for Enhanced Stormwater Management</i> Stuart Kuhn Hoch Consulting		PANEL <i>Private Property Incentive Programs: Why Are Agencies Investing Now?</i> Panelists: Scott Norris County of San Diego Grant Sharp Orange County Public Works Tia Flemming California Water Efficiency Partnership	<i>Turbidity as a Performance Indicator for Monitoring BMPs</i> Page Jordan U.S. EPA Office of Research and Development	<i>Passive Treatment: The Role of a Consultant and Promising Findings</i> Kaena Meyer Emerald Site Services, Inc.
4:30p - 4:55p	<i>Effectively Communicating a Complex Model: Lessons From the San Luis Rey Reasonable Assurance Demonstration</i> Ruth de la Rosa County of San Diego	<i>Collaborative Bacteria Monitoring and Public Outreach Messaging on Recreational Beneficial Uses in the Lower American River</i> Alisha Wenzel Central Valley Regional Water Quality Control Board	<i>Mapping Our Future: Collaborative Efforts in Updating San Diego County's MS4 Inventory</i> Andrew Thies Rick Engineering Company			<i>Sediment Removal and Recovery in Fabric Wrapped Chamber Systems</i> Vaikko Allen Contech Engineered Solutions	<i>The Essential Role of Performance Testing in Passive Treatment</i> Kyla Wood Applied Polymer Systems, Inc.

4:55p - 6:00p **EXHIBITOR FOCUS** LOCATION: EXHIBIT HALL A, LEVEL 1 WEST

6:00p - 9:00p	NETWORKING EVENT	OFFSITE LOCATION: PUNCH BOWL SOCIAL (500 J ST, SUITE 100, SACRAMENTO) 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. Bus pick-up/drop-off: SAFE Credit Union Convention Center.
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TUE OCT 22

7:30a - 8:30a	COFFEE	LOCATION: EXHIBIT HALL A, LEVEL 1 WEST
7:30a - 5:30p	CONFERENCE SERVICES	LOCATION: WEST LOBBY, LEVEL 1 CASQA Conference Services and Registration Desk
8:00a - 7:00p	POSTER SESSION	LOCATION: EXHIBIT HALL A, LEVEL 1 WEST
8:00a - 7:00p	EXHIBIT HALL OPEN	LOCATION: EXHIBIT HALL A, LEVEL 1 WEST

SESSION 5	TRACK: Modeling and Data Tools	TRACK: Policy, Permitting, and Legislation	TRACK: Municipal Programs	TRACK: Outreach, Engagement, and Education	TRACK: Stormwater Capture and One Water Collaborations	TRACK: BMP and Control Measure Effectiveness Assessment	TRACK: Pollutants of Concern and True Source Control
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Yige Yang Paradigm Environmental	Dianne Franks SunGrid Solutions	Danielle Moss City of Davis	Ewelina Mutkowska CASQA	Dakota Keene Office of Water Programs at Sacramento State	Cory Jones CValdo Corporation	Roshan Christoph Sage Environmental
8:30a - 8:55a	<i>Modeling the Complexities of Water Supply, Water Demand, Instream Flows, and Sustainable Water Management in the Shasta River Watershed</i> John Riverson Paradigm Environmental	<i>What's Next for the State Board: A BrainSTORMS Sing Session</i> Amanda Magee State Water Resources Control Board	<i>The State of Gravel: Ubiquitous, Confusing, or Both</i> Bill Flores HDR Engineering, Inc.	<i>Rain Ready California</i> Joseph Draper CASQA	<i>Storm to Shade: Tucson's Innovative Green Infrastructure Program as a Hub for Effective Partnerships</i> James MacAdam Tucson Water	<i>A Review of Long-Term Monitoring Data From Bioretention Stormwater BMPs</i> Ron Rovanske PACE Advanced Water Engineering	<i>PFAS in Stormwater: What We Know 5.0</i> Brandon Steets Geosyntec Consultants
9:00a - 9:25a	<i>A Case Study on Complex Groundwater-Surface Water Modeling for Instream Flow Establishment and Algae TMDL Modification</i> Al Preston Geosyntec Consultants	<i>Introduction to the STORMS Urban Stormwater Infiltration Policy</i> Kelly Rodman State Water Resources Control Board	<i>Designing Trash Capture for O&M (Instead of Checking a Box)</i> Bryan Mahoney City of Sacramento Department of Utilities	<i>Practical Ideas and Solutions for Merging Brands: Embracing the Rain Ready California Initiative Locally</i> Jeanette Huddleston Sacramento County Department of Water Resources	<i>From Watershed Plan to Community-Focused Capture Implementation: Building Stormwater Solutions That Cultivate Partnerships for Enduring Infrastructure Investments</i> Brianna Martin County of San Diego	<i>From Risk to Resolution: A Collaborative and Comprehensive BMP Evaluation Effort for Bacteria Reduction in Newport Bay Watershed</i> Stella Shao GSI Environmental Inc.	<i>Overview of Current Data of PFAS in Stormwater With a Focus on the Developed Annual Runoff Model To Estimate the Annual Mass Discharge of PFOS in Stormwater</i> Mehak Gupta GSI Environmental Inc.

SESSION 6	TRACK: Modeling and Data Tools	TRACK: Policy, Permitting, and Legislation	TRACK: Municipal Programs	TRACK: Outreach, Engagement, and Education	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Pollutants of Concern and True Source Control
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Yige Yang Paradigm Environmental	Tess Dunham Kahn, Soares & Conway	April Mendez Greenprint Partners	Danielle Peltier Michael Baker International	Dakota Keene Office of Water Programs at Sacramento State	Paul Caswell Hazen & Sawyer	Mehran Ebrahimi GSI Environmental Inc.
9:35a - 10:00a	<i>Transforming Stormwater Planning: An IDEA To Promote Sustainable and Climate Resilient Watersheds</i> Ali Tasdighi Paradigm Environmental	PANEL <i>Stormwater Regulation in a Post Chevron Doctrine World: Implications and Consequences</i> Panelists: Shawn Hagerty Best Best & Krieger LLP	PANEL <i>Centering Community and Collaboration in Stormwater Program Design</i> Panelists: Vicki Estrada Groundwork San Diego	TRAINING WORKSHOP <i>Leveraging AI in Media</i> Danielle Peltier Michael Baker International	<i>Francisco Park Stormwater Reutilization</i> Cody Anderson Sherwood Design Engineers	<i>Integrating Safe Routes to School and Green Streets Pilot Program in San Mateo County</i> Reid Bogert City/County Association of Governments of San Mateo County	TRAINING WORKSHOP <i>PFAS in Stormwater: Coming to a Permit Near You</i> Speakers: Jian Peng Orange County Public Works
10:05a - 10:30a	<i>A Decision Support System for Safe Clean Water Implementation: Modernization of Stormwater Project Planning, Data Management, and Administrative Reporting</i> Paige Bistromowitz LA Sanitation & Environment	Greg Newmark Meiers Nave	David Gibson State Water Resources Control Board Lisa Sasso Milwaukee Metropolitan Sewerage District	<i>The One Water Approach in Action at the MacArthur Lake Stormwater Capture Project in Downtown LA</i> Inge Wiersema Carollo Engineers		<i>Municipal Stormwater Retrofits: The Unique Planning, Design, Construction, Budgeting and Maintenance Challenges</i> Rob Woodman Ferguson Waterworks	Wayne Rosenbaum The Environmental Law Group, LLP Brandon Steets Geosyntec Consultants

TUE OCT 22 CONTINUED

10:30a - 11:00a

BREAK AND EXHIBITOR FOCUS

LOCATION: EXHIBIT HALL A, LEVEL 1 WEST

SESSION 7	TRACK: Modeling and Data Tools	TRACK: Industrial General Permit	TRACK: Municipal Programs	TRACK: Outreach, Engagement, and Education	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Pollutants of Concern and True Source Control
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Ken Schiff Southern California Coastal Water Research Project	Jarma Bennett State Water Resources Control Board	Sandy Mathews Larry Walker Associates	Nicole Wilson Larry Walker Associates	Jim Rasmus Stantec	Stephanie Gaines County of San Diego	Roshan Christoph Sage Environmental
11:00a - 11:25a	<i>A Pilot Crediting and Trading System To Support the Feasibility for a Fee-in-Lieu Program in Unincorporated Los Angeles County</i> Jalaine Verdiner Los Angeles County Public Works	PANEL <i>Industrial General Permit Reissuance</i> Panelists: Patrick Otsuji State Water Resources Control Board Pushpa Zachariah, State Water Resources Control Board	<i>Enhancing Municipal Data Management To Strengthen Stormwater Compliance Efforts</i> Brittany Perkins City of Oceanside	<i>Project Clean Water: Empowering Communities for Trash-Free Watersheds</i> Paige Copenhagen County of San Diego	PANEL <i>Water Supply Perspectives on Urban Stormwater Capture and Use in Northern California</i> Panelists: Jose Alarcon California Department of Water Resources	<i>Design and Monitoring of a Novel Regional Bioretention System Employing Phosphorus Optimized Treatment Media</i> Dylan Ahearn Herrera Environmental Consultants	<i>6PPD-Quinone – When the Rubber Meets the Road</i> Cayla Whiteside Kennedy Jenks Consultants
11:30a - 11:55a	<i>Demonstration of the Parcel Benefit Calculator To Quantify the Water Quality Benefits of the County of San Diego Waterscape Rebate Program</i> Scott Norris County of San Diego			<i>Enhancing Public Education and Outreach With Maps</i> Krista McDonald 2NDNATURE Software, Inc	Taylor Nokhodian San Francisco Public Utilities Commission Reid Bogert City/County Association of Governments of San Mateo County Kirsten Struve Santa Clara Valley Water District	<i>Sizing the Hybrid: Optimizing Retention With Mix Volume- and Flow-Based Treatment Trains</i> Joshua Gualco California Department of Transportation	<i>Targeted Treatment for a Toxic Tire Chemical (6PPD-Q)</i> Carly Greuell King County Water and Land Resources Division

11:55a - 1:30p

LUNCH

LOCATION: BALLROOM A1, LEVEL 2 WEST

SESSION 8	TRACK: Monitoring and Special Studies	TRACK: Industrial General Permit	TRACK: Municipal Programs	TRACK: Outreach, Engagement, and Education	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Pollutants of Concern and True Source Control
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Abigail Suter Riverside Flood Control & Water Conservation District	Mehran Ebrahimi GSI Environmental Inc.	Rob Carson County of Marin	Nicole Wilson Larry Walker Associates	Jeff Mosher Santa Ana Watershed Project Authority	Stephanie Gaines County of San Diego	Vicki Kalkirtz City of San Diego
1:30p - 1:55p	<i>Street Sweeping's Role in Achieving Full Capture System Equivalency Targets in California – Development of Local Metrics in the City of Stockton</i> Caleb Klotzle Larry Walker Associates	TRAINING WORKSHOP (SESSIONS 8-9) <i>Site Assessments, Monitoring, and the ERA Merry-Go-Round</i> Speakers: Sandy Mathews Larry Walker Associates Nancy Gardiner Haley & Aldrich, Inc.	<i>Stormwater Infrastructure: Inventory Management Based on Inspector Feedback</i> Kenneth Russell Santos City of San Diego	<i>Green Infrastructure Co-Benefit Enhancement Through Community Engagement</i> Diana Teran LimnoTech	<i>Transforming Water Management at San Diego Airport: A Model for Inspiring Solutions Together</i> Katie Altobello-Czescik San Diego County Regional Airport Authority	<i>Initial Assessment of 10 Green Street Projects</i> Stephanie Gaines County of San Diego	PANEL <i>Regulatory Collaboration to Protect Stormwater through True Source Control</i> Panelists: Amanda Magee State Water Resources Control Board
2:00p - 2:25p	<i>The Caltrans Trash Characterization and Migration Study – Results From Three-Years of Trash Monitoring in Stormwater Discharges</i> Joshua Gualco California Department of Transportation	Matthew Hillyard GSI Environmental Inc. Elliott Ripley Ashworth Leininger Group Jodie Crandell Keramida	<i>From Management Program to Meaningful Projects – How Pasadena Created an Implementable Pathway To Progress Towards MS4 Compliance</i> Dawn Petschauer City of Pasadena	<i>Community Climate Resilience: Combining Innovative Technologies with Meeting Community Needs</i> Lauren Roth Venu 3Rwater	<i>One Love: Public/Private Entities Join Together To Embrace One Water Through Stormwater Recharge</i> Shawn Kenney Woodard & Curran	<i>Central Jefferson: Rethinking Alley Networks for Stormwater Capture</i> Alex Aguirre Tetra Tech	Nan Singhasemanon Department of Pesticide Regulation Anne-Cooper Doherty Department of Toxic Substances Control

TUE OCT 22 CONTINUED

SESSION 9	TRACK: Monitoring and Special Studies	TRACK: Industrial General Permit	TRACK: Municipal Programs	TRACK: Outreach, Engagement, and Education	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Pollutants of Concern and True Source Control
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Abigail Suter Riverside Flood Control & Water Conservation District	Mehran Ebrahimi GSI Environmental Inc.	Vanessa Thulsiraj Michael Baker International	Paige Copenhaver County of San Diego	Shannon Spurlock Pacific Institute	David Pohl Burns & McDonnell	Brian Currier Office of Water Programs at Sacramento State
2:35p - 3:00p	<i>Is It Safe To Swim? Relatively Affordable and Approachable Beach Recreation Risk Assessment in Santa Barbara, CA</i> Jill Murray City of Santa Barbara Creeks Division	TRAINING WORKSHOP continued	PANEL <i>Addressing Human Waste Sources in the South Orange County Watershed</i> Panelists: Cindy Rivers Orange County Public Works Niki Beach City of San Clemente	<i>Creating Connection- an Innovative Approach to Municipal Separate Storm Sewer System (MS4) Objectives Through Partnership With the Office of Economic Development</i> Kelli Fry Sacramento County Office of Economic Development	PANEL <i>Rethinking Stormwater Management: Addressing Modern Water Challenges in the Western United States Through Policy Innovation</i> Panelists: Nicole Beck 2NDNATURE Software, Inc	<i>Don't Let Your BMPs Go Up in Smoke: How To Plan for Increased Wildfires</i> Brenda Stevens WSP	<i>Bacteria Summit 2022 Followup-Tools for Implementation</i> Ashli Desai Larry Walker Associates
3:05p - 3:30p	<i>Linking Indicators of Fecal Contamination to Human Health Risk in Southern California Stormwater</i> Joshua Steele Southern California Coastal Water Research Project			<i>County of San Diego Septic Rebate Program: Outreach Successes and Program Improvements</i> Kate Molton D-Max Engineering, Inc.	Amanda Magee State Water Resources Control Board Shannon Spurlock Pacific Institute	<i>Lahaina Post-Wildfire BMP Implementation and Lessons Learned</i> Yvana Hrovat Haley & Aldrich, Inc.	<i>Prioritizing Human Health: Tackling Bacteria Through a Risk-Based Lens</i> Dawn Petschauer City of Pasadena

3:30p - 4:00p **BREAK AND EXHIBITOR FOCUS** LOCATION: EXHIBIT HALL A, LEVEL 1 WEST

SESSION 10	TRACK: Monitoring and Special Studies	TRACK: Industrial General Permit	TRACK: Municipal Programs	TRACK: Outreach, Engagement, and Education	TRACK: Stormwater Capture and One Water Collaborations	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Pollutants of Concern and True Source Control
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Dylan Ahearn Herrera Environmental Consultants	Matthew Lentz GSI Environmental Inc.	Erin Maker City of Carpinteria	Paige Copenhaver County of San Diego	Jeff Mosher Santa Ana Watershed Project Authority	David Pohl Burns & McDonnell	Brian Currier Office of Water Programs at Sacramento State
4:00p - 4:25p	<i>Lost in the Field – 6PPD-Q Stormwater Treatment Effectiveness and Equipment Impacts on Recovery</i> Timothy Clark Herrera Environmental Consultants	<i>IGP Design Storm Standards Comparative Analysis</i> Matthew Hillyard GSI Environmental Inc.	<i>Community-Based Public-Private Partnerships: Insights From Milwaukee's Fresh Coast Green Communities Program</i> April Mendez Greenprint Partners	<i>From Static to Dynamic: Planning Public Education in a Changing World</i> Christy Suppes County of Orange	<i>Evaluating Low Impact Developments (LIDs) for Stormwater Diversion and Groundwater Recharge</i> Craig Ulrich Lawrence Berkeley National Laboratory	<i>Is San Diego Ready for the Next Atmospheric River? - Designing San Diego's Pump Station Network with Resiliency in Mind</i> Ed Othmer Stantec	<i>A Group Effort – a Full Trash Capture Installation Case Study in Hayward</i> Caitlin Tharp Schaaf & Wheeler
4:30p - 4:55p	<i>Characteristics of 6PPD-Q in Highway Stormwater Runoff</i> Bhaskar Joshi California Department of Transportation	<i>Application of AI and ChatGPT: Data Mining on SMARTS and In-Depth IGP Data Analysis for Stormwater Management</i> Becky Chen GSI Environmental Inc.	<i>The Devil in the Details: From a 100% Synthetic Pesticide Ban to an Integrated Pest Management Plan</i> Cristina Goulart Town of Windsor	<i>A Participatory Science Approach to the Trash Amendments</i> Julian Fulton California State University Sacramento	<i>Capturing the Multi-Benefit Value of Rainwater Capture Incentive Programs for Water Supply Resilience</i> Jeffrey Odefey One Water Econ		<i>Trash Compliance Tracking via a Cloud-Based Data Management System</i> Chris Sommers EOA, Inc.

5:00p - 7:00p **EXHIBITOR RECEPTION** LOCATION: EXHIBIT HALL A, LEVEL 1 WEST
Exhibitors and conference attendees always enjoy a chance to interface in this cordial and relaxed environment (appetizers; cash bar).

WED OCT 23

7:30a - 8:30a	COFFEE	LOCATION: EXHIBIT HALL A, LEVEL 1 WEST
7:30a - 2:30p	CONFERENCE SERVICES	LOCATION: WEST LOBBY, LEVEL 1 CASQA Conference Services and Registration Desk
8:00a - 11:15a	EXHIBIT HALL OPEN	LOCATION: EXHIBIT HALL A, LEVEL 1 WEST
8:00a - 11:15a	POSTER SESSION	LOCATION: EXHIBIT HALL A, LEVEL 1 WEST

SESSION 11	TRACK: Monitoring and Special Studies	TRACK: Industrial General Permit	TRACK: Policy, Permitting, and Legislation	TRACK: Pollutants of Concern and True Source Control	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Funding
ROOM	BALLROOM A2, LEVEL 2 WEST	BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR	Jill Murray City of Santa Barbara	Mehran Ebrahimi GSI Environmental Inc.	Hawkeye Sheene West Yost Associates	Arthur Deicke Environmental Pollution Solutions	Michelle Hoalton PACE Advanced Water Engineering	Andrea Crumacker Stantec	Kelly Westover Stantec
8:30a - 8:55a	<i>Navigating Recreational Water Quality Data in San Diego Bay: What Do the Numbers Mean?</i> Annabelle Burruss Port of San Diego	PANEL <i>Challenges and Opportunities With Commercial, Industrial, & Institutional (CII) Permit Option 1</i> Panelists: Taraneh Nik-Khah City of Los Angeles	<i>Amplify Your Voice: How to Engage in Legislative Advocacy</i> Karen Cowan CASQA	<i>The Nation's First Citywide Single-Use Plastic Bottle Ban in South Lake Tahoe</i> Sara Letton City of South Lake Tahoe	<i>Protecting Sensitive Estuary Through Green Energy Powered Innovative Trash Interceptor</i> David Pohl Burns & McDonnell Engineering	<i>Planning for the Future: The Intersection of Water Supply, RNHA Housing Needs and Regional Stormwater Capture</i> Ian Adam Fuscoe Engineering, Inc.	<i>Caltrans Stormwater Coop Funding Opportunities</i> Anand Maganti California Department of Transportation
9:00a - 9:25a	<i>A Dry Weather HF183 Retrospective: Findings and Implications of a Multi-Year, Multi-Watershed Dry Weather MS4 Outfall Screening Program in San Diego County</i> Emily Kochert County of San Diego	Wayne Rosenbaum The Environmental Law Group, LLP Richard Watson Richard Watson & Associates, Inc. Jason Marechal Kimley-Horn	<i>A Forever Problem: PFAS Chains in Our Storm Drains</i> Anya Kwan Best Best & Krieger LLP	<i>Source Control- Town of Truckee Single-Use Foodware Reduction Ordinances</i> Melanie Conti City of Truckee	<i>Developing and Implementing Natural Treatment Basins in the Arroyo Seco</i> Courtney Semlow Craftwater Engineering, Inc.	<i>Multibenefit Land Repurposing for Sustainable Groundwater Management</i> Max Dugan Geosyntec Consultants	

SESSION 12		TRACK: Industrial General Permit	TRACK: Policy, Permitting, and Legislation	TRACK: Pollutants of Concern and True Source Control	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Funding
ROOM		BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR		Matthew Lentz GSI Environmental Inc.	Michelle Mattson NV5	Chris Sommers EOA, Inc.	Michelle Hoalton PACE Advanced Water Engineering	Andrea Crumacker Stantec	Kelly Westover Stantec
9:35a - 10:00a		<i>Implementation and Monitoring of a Stormwater Treatment System for Carille Transportation</i> John Mandelin Clear Creek Systems, Inc.	<i>Standardized Cost Reporting in Municipal Stormwater Permits, A Policy Update</i> Nabiul Afrooz State Water Resources Control Board	<i>Transforming the Terrain: A Comprehensive Strategy for Tackling PCB Contamination in Urban Watersheds</i> Michele Mancuso Contra Costa County Watershed Program	<i>The Bowtie Demonstration Project</i> Jonathan Abelson Stantec	<i>Waterfront Resilience: Vision to Implementation in San Mateo County</i> Robert Dusenbury Lotus Water Engineering	<i>Searching for the Money Tree – Funding the Santa Rosa Storm Drain Master Plan and Planning for Future Financing</i> Millicent Cowley-Crawford Woodard & Curran
10:05a - 10:30a		<i>The Zinc Conundrum: An In-Depth Look at the Characteristics of Zinc in Stormwater for Treatability</i> Nate Hasal GSI Environmental Inc.	<i>The Proposed Commercial, Industrial, and Institutional (CII) Stormwater Permit: Potential Impacts and Solutions From Real-World Case Studies</i> Chris Hsu GSI Environmental Inc.	<i>Addressing Trash Generation on Private Parcels</i> Kristin Kerr EOA, Inc.			<i>Stormwater Credit Think Tank – First Year Accomplishments and Products</i> Chris Crompton Michael Baker International

WED OCT 23 CONTINUED

10:30a - 11:15a

BREAK, PRIZE DRAWING

LOCATION: EXHIBIT HALL A, LEVEL 1 WEST

Exhibitor Prize Drawing*

Winners will be announced by the Platinum Stormwater Steward (Bancroft Construction Services). (*Must be present to win)

SESSION 13		TRACK: Industrial General Permit	TRACK: Policy, Permitting, and Legislation	TRACK: Pollutants of Concern and True Source Control	TRACK: Green Infrastructure and Nature-Based Solutions Design and Maintenance	TRACK: Climate Change, Resiliency, and Sustainability	TRACK: Funding
ROOM		BALLROOM A3-A4, LEVEL 2 WEST	BALLROOM A5-A6, LEVEL 2 WEST	BALLROOM A7, LEVEL 2 WEST	BALLROOM A8-A9, LEVEL 2 WEST	BALLROOM A10-A11, LEVEL 2 WEST	MEETING ROOM 1, LEVEL 2 WEST
MODERATOR		Mehran Ebrahimi GSI Environmental Inc.	Michelle Mattson NV5	Chris Sommers EOA, Inc.	Paul Caswell Hazen and Sawyer	Summer Bundy Stantec	Hawkeye Sheene West Yost Associates
11:15a - 11:40a		PANEL <i>IGP Regulatory Enforcement Priorities</i> Panelists: Pavlova Vitale Los Angeles Regional Water Quality Control Board	<i>Water Quality Compliance during Wet Weather: Lessons and Recommendations</i> Susan Paulsen Exponent	<i>True Source Control Basics: California Challenges and Successes</i> Peter Schultze-Allen EOA, Inc.	<i>National Green Infrastructure Approaches – A Community Perspective</i> Nicholas Watkins CDM Smith	<i>Green Stormwater Infrastructure: A “Cool” Solution for Urban Heat</i> Jason Wright Tetra Tech	<i>Lessons Learned From the City of Rancho Cordova’s Prop 218 Rate Increase Project</i> Dalia Fadl City of Rancho Cordova
11:45a - 12:10p		Margaret Monahan San Francisco Regional Water Quality Control Board Leah Lemoine Central Coast Regional Water Quality Control Board Tomas Eggers State Water Resources Control Board	<i>California Water Plan Update 2023 and the Urban Stormwater Runoff Resource Management Strategy</i> Jose Alarcon California Department of Water Resources	<i>Collaborative Efforts to Address Emergency Firefighting Discharges: A Case Study from the Bay Area Municipal Stormwater Collaborative</i> Nicole Wilson Larry Walker Associates	<i>Perspectives From the Gulf States on Overcoming Technical, Regulatory, and Financial Barriers to Implementing Green Stormwater Infrastructure (GSI) in California</i> Cristiane Surbeck GSI Environmental Inc.	<i>Ensuring Critical Water Availability Across Diverse Watersheds – Comparing Hydrological Modeling Configurations and Calibration Between the Navarro River, Napa River, and Butte Creek Watersheds</i> Benjamin Bowes Paradigm Environmental	<i>A Portal Into the Progress and Benefits of Los Angeles County’s Safe, Clean Water Program</i> Kirk Allen Los Angeles County Public Works

12:10p - 1:30p

LUNCH

LOCATION: BALLROOM A1, LEVEL 2 WEST

1:30p - 2:30p

CAPSTONE SESSION

LOCATION: BALLROOM A1, LEVEL 2 WEST

A DISCUSSION DEDICATED TO ADVANCING THE STATE’S WATER SUPPLY STRATEGY FEATURING CALIFORNIA STORMWATER AND WATER MANAGEMENT LEADERS

(Capstone Session Sponsor: DUDEK)

SPEAKERS

Anna Caballero - *Senator - 14th District, California State Senate*

Joaquin Esquivel - *Chair, California State Water Resources Control Board*

Karla Nemeth - *Director, California Department of Water Resources; Governor Newsom’s Advisor on the State’s water priorities*

Karen Cowan - *Executive Director, CASQA*

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.



2024 CASQA Awardee - Outstanding
Public Outreach / Engagement Project or
Program: Bear Hollow Basin Beautification
and Outreach Program

*Margarita Dronov and Veronica Seward-Aponte,
City of Rancho Cordova*

Accumulation of Contaminants in Filter Media of
Rain Gardens in Urban Watersheds

*Jennifer Dougherty,
San Francisco Estuary Institute*

An Evaluation Tool for Estimating Permeable Paver
Benefits Under Various Conditions

*Joaquin Fraga Hernandez,
California State University, Sacramento*

Light-Weight, Low-Cost Innovative Automated
Sampler for Remote Water Quality Monitoring

Kayli Paterson, San Francisco Estuary Institute

Roots of Resilience: Engaging Communities
in Green Infrastructure – Mapleview Street
Biofiltration and Channel Restoration Project

Bella Colpo, County of San Diego

Stormwater Run-Off Coefficient Analysis

Kayla Gacosta, GSI Environmental Inc.

Synergy and Collaborative Solutions Yields
Results – Active Treatment Systems &
Expansive Projects

Jason Hills, Aqua Poppy Inc.