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- Litigation/Regulatory support
- Stormwater BMP design
- TMDL compliance/strategic planning
- Stormwater monitoring programs
- BMP effectiveness assessments
- Hydraulic/Hydrologic analysis
- Infiltration BMP implementation and monitoring
- Modeling/GIS integration
- Water supply planning
- Watershed planning/management
- Stormwater funding
- Low impact development (LID) design
- Areas of special biological significance
- Receiving water studies
- Sediment quality objectives investigations
- Biological assessment studies

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The California Stormwater Quality Association (CASQA) is the largest professional association dedicated to stormwater quality issues. Since 1989, CASQA has assisted municipalities, special districts, businesses, the State of California, and the United States Environmental Protection Agency in developing and implementing effective stormwater quality management programs.

The CASQA Conference has established itself as a “must attend” training event each year on the calendars of stormwater professionals, drawing the most experienced practitioners in the field from across the country. The 7th Annual CASQA Conference will again offer a full program of training workshops, presentations, and exhibits addressing a wide range of municipal, industrial, and construction NPDES stormwater permit requirements.

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

**Join CASQA**
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 the upcoming conference and webcast as well as receiving all the other benefits of membership (newsletters, downloadable products, quarterly meetings, etc.). CASQA membership provides substantial benefits even if you are based outside California. It’s the right time to be a member of the premier professional association dedicated to the advancement of stormwater quality management, science, and regulation. Join now at www.casqa.org
MONDAY, September 26, 2011

In-Depth Workshops

CASQA will be holding 8 half-day workshops (workshops 1-4 in the morning from 8:30 to 11:45 a.m., and workshops 5-8 in the afternoon from 1:30 to 5:00 p.m. Pacific Time). You can attend the workshops in person or view the workshops via webinar.

1. Implementing Low Impact Development (LID) – Feasibility and Design Criteria
   Will address the feasibility of implementing LID mandates as the first part of a day-long LID focus.

2. General Construction Permit – Linear Underground/Overhead Projects (LUPs)
   Will take an in-depth look at the practical aspects of implementing linear projects and Attachment A requirements with regard to risk determination, monitoring programs and annual reporting.

   Will provide municipal agency staff, consultants, and others with a valuable refresher on the fundamental municipal stormwater management requirements, regulatory framework, and program implementation approaches.

4. General Industrial Permit – Compliance and BMP Implementation
   Will provide an update on the status of the draft industrial general permit and walk attendees through key aspects of industrial stormwater compliance from SWPPP development and implementation to monitoring and selection of appropriate treatment control technologies.

5. Implementing LID – Case Studies on Green Streets and Drainage Retrofits
   Will contain a series of LID case studies and an introduction to the California LID Portal.

6. General Construction Permit – Sampling Protocols and SMARTS Reporting
   Will provide a basic overview of available SWAMP field sampling protocols that may be employed for General Construction Permit required sampling, as well as training for uploading monitoring data for ad hoc reporting in SMARTS.

7. Phase 2 General Permit – Implementation Challenges
   Will cover compliance implementation challenges, provide an overview of the permit and next steps from State Board staff, and feature a panel discussion on key permit issues.

8. Legal Framework – Effluent Limits and Recent Court Decisions
   Will provide insight into the legal requirements that regulatory agencies must follow when adopting and implementing water quality based and technical effluent limits in NDPES Permits and a discussion of recently decided and pending litigation involving the Clean Water Act and Porter Cologne.

TUESDAY AND WEDNESDAY
September 27 – 28, 2011

Keynote Address and Technical Program

A keynote address by Dr. Stephen Palumbi, a Qualified SWPPP Developer (QSD) / Qualified SWPPP Practitioner (QSP) forum and over 80 concurrent session presentations will provide two packed days of stormwater information. Many of the leading stormwater practitioners in the nation will be participating and making presentations.
Concurrent sessions will follow ten conference thematic tracks (see pages 9-13 for detailed agendas):

1. Construction Permit: This track will focus on lessons learned during the first year under the reissued California statewide permit and recent advancements in construction permits nationwide, including numeric effluent limits and numeric action levels, post-construction requirements, and risk assessment.

2. Industrial Permit: This track will focus on progress made on the forthcoming California statewide permit reissuance and related issues, including innovative stormwater compliance strategies/case studies, BMP effectiveness evaluations, and integrating industrial discharge approaches.

3. Modifying Public Behavior: This track will focus on the challenges and solutions to changing public and business behavior, including public education, training, inspections, and enforcement.

4. Program Assessment: This track will focus on strategies to determine the effectiveness of stormwater programs, including assessments of monitoring data, BMP effectiveness, effluent limits, numeric action levels, changes in polluting behaviors, and reductions in pollutant loading.

5. Regulations, Permits and Policies: This track will focus on the latest developments in stormwater regulations, policies, and permits. Topics include effluent limitations, receiving water limitations, the definition of maximum extent practicable, toxicity policy, Areas of Special Biological Significance, Total Maximum Daily Loads (TMDLs), basin planning issues, and 303(d) listings.

6. Scientific Advances: This track will focus on monitoring and the latest research into stormwater management. Topics include data collection and evaluation, pollutant source tracking, emerging pollutants, new technologies, new monitoring and assessment tools, stormwater impacts, and economic assessments.

7. Stormwater Treatment: This track will focus on the latest approaches in BMP designs, guidance, and studies. Topics include BMP design and implementation, including case studies, facility retrofiting, regional treatment, and multi-purpose facilities.

8. Sustainable Development: This track will focus on site-specific and watershed scale approaches to addressing LID and hydro-modification requirements. Topics include integrated regional planning, watershed planning concepts, green streets, smart growth, and stormwater harvesting and reuse.

9. TMDLs in MS4 Permits: This track will focus on the impact of TMDL allocations as requirements in MS4 permits. Topics include TMDL development approaches, allocations as effluent limits or BMP programs, case studies on implementation, and non-point sources impacting the MS4.

10. True Source Control: This track will focus on reducing or eliminating products and chemicals that are known to pollute and impair streams, lakes and rivers. Topics include pesticide management and regulation, product substitutions, producer responsibility, zero waste policies, green chemistry, runoff elimination and conservation coordination, and multi-jurisdictional approaches.

Continuing Education Credits
Continuing Education Credits are available for attendees at the CASQA Conference in the following certifications:

- American Institute of Certified Planners (AICP): CASQA is an approved AICP Certification Maintenance (CM) Provider. The Annual Conference, including the workshops, has been submitted and is awaiting approval as a multipart event with credits available based on contact hours. AICP certified planners can record credits by logging onto their CM Log and adding the credits from the calendar. Any issues with logging the credits should be sent to AICPCM@planning.org.

- Certified Professional in Erosion and Sediment Control (CPESC); Certified Professional in Storm Water Quality (CPSWQ); Certified Erosion, Sediment and Stormwater Inspector (CESSWI): Professional Development Units (PDUs) are available for attendance at the CASQA Conference, including the workshops. No sign-in sheets, forms, or certificates are required at the CASQA Conference.

- California Water Environment Association (CWEA): CWEA contact hours are available for attendance at the CASQA Conference, including the workshops. A CWEA contact hour verification form must be filled out by those requesting CWEA contact hours at the registration table and CASQA will issue a Certificate of Completion.

- State Bar of California: Minimum Continuing Legal Education (MCLE) credits are being requested from the State Bar of California.
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### Workshop Agendas

**Monday, September 26, 2011**

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<tr>
<th>Time</th>
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<th>Workshop 2</th>
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<td>7:30a - 5:30p</td>
<td>REGISTRATION DESK (2nd Floor Lobby)</td>
<td>EXHIBITS (Exhibitor Ballroom)</td>
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<td>12:00 - 5:00p</td>
<td>WORKSHOP 1 Big Sur</td>
<td>WORKSHOP 2 Cypress</td>
<td>WORKSHOP 3 Spyglass</td>
<td>WORKSHOP 4 Windjammer</td>
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<tr>
<td><strong>WORKSHOP</strong></td>
<td>Implementing LID: FEASIBILITY AND DESIGN CRITERIA</td>
<td>General Construction Permit: LINEAR UNDERGROUND / OVERHEAD PROJECTS</td>
<td>Stormwater 101: PROGRAM FUNDAMENTALS</td>
<td>General Industrial Permit: COMPLIANCE AND BMP IMPLEMENTATION</td>
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<td>Linear Underground Projects (LUP) Risk Determinations (CGP Attachment A.1) Kadi Whiteside: ETIC Engineering</td>
<td>Stormwater 101 - The Basics - Key Terms - Pollutants and Sources - Impacts - Impaired waters - BMP Toolkit Brian Currier: Sacramento State University</td>
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<td>10:00 - 10:15</td>
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<td>Storm Water Treatment: Technologies for Industrial Sites Cal Noling: StormwaterRx LLC</td>
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<td>11:15 - 1:30</td>
<td>Break (1st Floor Lobby)</td>
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<tr>
<td><strong>WORKSHOP</strong></td>
<td>Implementing LID: CASE STUDIES ON GREEN STREETS AND DRAINAGE RETROITS</td>
<td>General Construction Permit: SAMPLING PROTOCOLS AND SMARTS REPORTING</td>
<td>Phase 2 General Permit: IMPLEMENTATION CHALLENGES</td>
<td>Legal Framework: EFFLUENT LIMITS AND RECENT COURT DECISIONS</td>
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<td></td>
<td>The Evolution of Green Streets in Santa Monica Neal Shaprio: City of Santa Monica</td>
<td>SWAMP Field Sampling Protocols: - Sampling locations - Equipment calibration - Representative sampling - Sample handling - QA/QC and data management - Health and safety Karen Winchester, Mary Hamilton: Central Coast Regional Water Quality Control Board</td>
<td>CASQA Comments on the Phase 2 Permit and Summary of Key Issues Rebecca Winer-Skonovd: Larry Walker Associates; Gerald Montgomery: Montgomery &amp; Associates</td>
<td>Effluent Limits: Requirements for Development and Implementation - Federal Regulatory Requirements - TBELS v. WQBELs - Incorporation into NPDES Permits at the State Level - Use in the Draft Industrial Permit - Use in Construction Permits Katharine Wagner: Downey Brand LLP; Shaven Hagner: Best Best &amp; Krieger LLP; Jeffrey S. Langsworth: Barnes &amp; Thornburg LLP</td>
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<td>Cordones Creek Rain Garden at 6th Street Crossing (Berkeley and Albany)—Dan Cloak: Dan Cloak Environmental Planning</td>
<td>Permit Post Construction Requirements and Implementation Challenges – Darla Inglis: UC Davis Extension; Cathleen Gamand: County of Santa Barbara</td>
<td>Permit Monitoring Requirements Chris Sommers: EOA, Inc; Terri Fashing: County of Marin</td>
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### CASQA WORKSHOP AGENDAS  
**MONDAY, SEPTEMBER 26, 2011**  
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<table>
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<tr>
<th>Time</th>
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<tr>
<td>3:00 - 3:30</td>
<td><strong>BREAK (Exhibitor Ballroom)</strong></td>
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| 3:30 - 5:00  | **WORKSHOP 5** Major Scales: Implementing LID: Case Studies on Green Streets and Drainage Retrosfits  
Design Challenges for Urban Green Streets in Los Angeles  
Calvin Abe: AHBE Landscape Architects  
City of San Diego Sustainable Canyons Program to Meet TMDL Challenges  
David Pohl: Weston Solutions  
The California LID Portal  
Daniel Apt: RBF Consulting  
Closing Remarks  
Richard Watson: Richard Watson & Associates  
Field Sampling & Demonstrations: Field Monitoring (pH and Turbidity)  
Sample collection  
Mary Hamilton: Central Coast Regional Water Quality Control Board  
SMARTS Ad Hoc Reporting  
Russ Foster: Pulte  
Closing Remarks  
Chris Campbell: Lawrence Livermore National Laboratory  
Permit Industrial/Commercial Requirements and Implementation Challenges  
Kelley McKinney: City of Roseville  
State Board Phase 2 Permit Background, Summary of Comments, and Next Steps  
Eric Bernsten, Christine Sotelo: State Water Resources Control Board  
Speaker Panel Discussion of Permit Issues  
All Speakers  
Closing Remarks  
Carmel Brown: CKB Environmental Consulting; Daniel Apt: RBF Consulting  
NRDC v. County of Los Angeles and Cities of Arcadia v. State Water Resources Control Board: New Law or More of the Same?  
- Overview of recent 9th Circuit and California Court of Appeals decisions  
- Overview of Pending Mandates Litigation  
- Discussion of Perceived Implications  
David Burhenn: Burhenn & Gest LLP; Mary Lynn Coffee: Nossaman LLP  
Closing Remarks  
Andre Monette: Best Best & Krieger LLP |
| 5:00 - 6:00  | **EXHIBITOR FOCUS AND WELCOME RECEPTION (Exhibitor Ballroom)**                |
| 6:30 - 10:30 | **CASQA’S MONTEREY BEACH PARTY**                                             |

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7:30a - 5:30p  REGISTRATION DESK (2nd Floor Lobby)
8:00a - 7:30p  EXHIBITS (Exhibitor Ballroom)

**PLENARY SESSION**
8:30 - 9:40

Welcome and Opening Remarks – Scott Taylor, Chair, CASQA
Keynote Address – Dr. Stephen Palumbi, Director, Stanford University’s Hopkins Marine Station [Monterey Grand Ballroom]

**SESSION 1**

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**9:40 - 10:00**  BREAK (Exhibitor Ballroom)

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<td>Leverage the Natural Environment as Treatment for Highway Runoff Within the Lake Tahoe Basin</td>
<td>The Our Water Our World Program Still Making Changes After Fourteen Years</td>
<td>Potential Impacts from Short-Duration Exposures to Stormwater Runoff on the Rocky Intertidal Community of the La Jolla AIBS and Implications for Protecting Beneficial Uses</td>
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<td>Mercury and Other Pollutants of Concern in Stormwater from the Guadalupe River Watershed, San Jose California; Findings from 5 Years of Loads Monitoring</td>
<td>True Source Control – After SB 346: Implications of Other Copper Sources</td>
<td>Rising to the Challenge – How Stanford University Enhanced Their Existing Stormwater Construction Program to Meet the New Construction General Permit in an Effective and Efficient Manner</td>
<td>Brown and Caldwell</td>
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<td>Clean Marinas, Clean Water: The Port of San Diego’s Model Program to Address Copper Pollution in Marinas</td>
<td>Enforcement Leading to Compliance – The Saga Continues</td>
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**11:00 - 12:00**  EXHIBITOR FOCUS (Exhibitor Ballroom)

**12:00 - 1:30**  LUNCH AND CASQA AWARDS PROGRAM (Monterey Grand Ballroom)

**KEYNOTE SPEAKER**

**Dr. Stephen Palumbi**

Dr. Stephen Palumbi is the Director of Stanford University’s Hopkins Marine Station, a Pew Fellow in Marine Conservation, and a senior fellow at the Woods Institute for the Environment. His talk will be based on his recently published book entitled “The Death and Life of Monterey Bay: A Story of Revival.” It is a good-news environmental story about the difference that ordinary citizens can make in creating diverse, sustainable ecosystems and economies. Signed copies of the book will be available for purchase.
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<td>TMDLs In MS4 Permits</td>
<td>Program Assessment</td>
<td>Stormwater Treatment</td>
<td>Sustainable Development</td>
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<td>1:30 - 2:00</td>
<td>Sector-Specific Permit Through Innovative Stakeholder Process Michael Adackapara : Santa Ana Regional Water Quality Control Board; Garry Brown : Orange County Coastkeeper; George Adams : SA Recycling</td>
<td>Optimizing Municipal Operations and Maintenance: BMP Tools for Addressing PCBs and Hg TMDL Targets in the San Francisco Bay Area Peter Mangarella : Geosyntec Consultants</td>
<td>Are We Protecting Groundwater? Mark Purnford : City of Concord</td>
<td>Ozone: Effective Runoff Treatment or a Bunch of Hot Air? Lisa Zawaski : City of Dana Point</td>
<td>Design of Natural Infiltration System Under Updated MS4 Permit for Newport Beach City Hall and Park Jessi Foxbrook, Mathew Bamm : Arup</td>
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<td>ALTERNATE</td>
<td>Compliance Implications of the Proposed Industrial General Permit: Case Studies from Southern California John Quenzer : D-Max Engineering; Anna Kubishe : D-Max Engineering</td>
<td>Mercury Erosion Control Study and TMDL Implementation at Former Mercury Mine, Santa Clara County, California Bonnie de Berry : URS</td>
<td>Field Testing of Stormwater Treatment Devices: A Comparison of TARP and TAPE Requirements Ryan Janoch : Terraphase Engineering</td>
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<td>3:10 - 3:45</td>
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<td>4:20 - 4:50</td>
<td>Stormwater Accounting at Lake Tahoe: Giving Credit for Effective Prioritization to Meet Effluent Limits in MS4 Permits</td>
<td>Satellite Remote Sensing Based Watershed Modeling for TMDL Implementation: Case Study – City of Torrance, CA</td>
<td>Concentrations and Loads of Trace Contaminants in a Small Urban Tributary, San Francisco Bay, California</td>
<td>Lessons Learned from San Jose’s Stormwater Treatment System Inspection Program</td>
<td>Gearing Up for New LID Requirements in the San Francisco Bay Area</td>
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<td>MS4 Permits and TMDLs: From MEP to Numeric Limits, the California Experience</td>
<td>James Downing : City of San Jose</td>
<td>Edward Belden, Kristy Morris : Los Angeles &amp; San Gabriel River Watershed Council</td>
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<td>ALTERNATE</td>
<td>Leveraging the MS4 Permit</td>
<td>A Cost-Effective and Integrative Approach to Monitoring and Assessing Beneficial Use Impacts in Receiving Waters and Associated Solutions</td>
<td>Edward Belden, Kristy Morris : Los Angeles &amp; San Gabriel River Watershed Council</td>
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**TUESDAY, SEPTEMBER 27, 2011 (cont.)**
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<th>Time</th>
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<tr>
<td>7:00a - 8:30a</td>
<td>CONSTRUCTION QSD AND QSP FORUM (Spyglass)</td>
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<td>7:30a - 12:00p</td>
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<td>8:00a - 1:30p</td>
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### SESSION 4: Industrial Permit
- **Moderator:** Sandy Mathews: Larry Walker Associates
- **Track A Spyglass:** Stormwater Treatment Planning for an Industrial Permit with Numeric Limits, followed by a Panel Q & A – Stormwater Control Planning for Sites with NALs/NELs. Brandon Steets: Geosyntec Consultants; Jon Jones: Wright Water Engineers; Robert Pitt: University of Alabama; Michael Stensrom: University of California Los Angeles; Eric Strecke: Geosyntec Consultants
- **Track B Oak Tree:** TMDLs in MS4 Permits. Malibu Creek Bioretention Pilot Study. Evelina Multikova: County of Ventura
- **Track C Windjammer:** True Source Control. Clean Waterways for a Clean Bay – Implementing the San Francisco Bay PCBs and Mercury TMDLs with a Focus on Urban Runoff. Jon Konnari: EGA, Inc.
- **Track D Big Sur:** Scientific Advances. Trash Focus: The San Francisco Bay Area Approach to Developing Baseline Trash Loads and Load Reductions. Chris Sommers: Santa Clara Valley Urban Runoff Pollution Prevention Program
- **Track E Cypress:** Sustainable Development. WERF BMP Tools: Linking Stormwater BMP Systems Performance to Receiving Water Protection to Improve BMP Selection and Design. Christine Pomery: University of Utah; Charles Rooney: ACR, LLC; Larry Reeser: Colorado State University

**Track E Alternate: Bacterial TMDLs – How a Little Bit Goes a Long Way.** Gretel Roberts: Weston Solutions; Kelly Goodwin: NOAA

### SESSION 5: Regulations, Permits & Policies
- **Moderator:** Stephanie Reyna-Hiestand: City of Tracy
- **Track A Spyglass:** Regulations, Permits & Policies. Watershed Permitting – Has The Time Arrived for Municipal Stormwater Permits? Karen Ashby; Malcolm Walker: Larry Walker Associates
- **Track B Oak Tree:** TMDLs in MS4 Permits. Setting Numeric WLAs to Individual MS4s – Wisconsin’s Approach. James Bachhuber: AECOM
- **Track C Windjammer:** Scientific Advances. Development of Algal Indicators for Multiple Storm Drain Network: A Key Step to NPDES Permit and TMDL Compliance. Lynne Scarpa: City of Richmond; Jason Drew: NCE
- **Track D Big Sur:** Management Tools. Design and Application of Stormwater Infiltration Wells. Kevin McGillicuddy: Roscoe Moss Company
- **Track E Cypress:** Sustainable Development. LID 2025 – The Path Forward. Jennifer Krebs: San Francisco Estuary Partnership

**Track E Alternate: Bacterial TMDLs – How a Little Bit Goes a Long Way.** Gretel Roberts: Weston Solutions; Kelly Goodwin: NOAA

### ALTERNATE SESSIONS
- **Session 4 Alternate:** The Draft Industrial Permit – Will the Additional Costs Achieve Desired Water Quality Results. Chadha Thomas: County of Riverside
- **Session 5 Alternate:** Watershed Permitting – Has The Time Arrived for Municipal Stormwater Permits? Karen Ashby; Malcolm Walker: Larry Walker Associates
- **Alternate Track E:** Stormwater Sample Collection Methods Flow-Weighted Composites and Pollutograph. Sean Porter: SLS Engineers
### Construction QSD and QSP Forum

The State Water Resources Control Board issued the General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (CGP) on September 2, 2009. The CGP requires that a Storm Water Pollution Prevention Plan (SWPPP) be prepared by a Qualified SWPPP Developer (QSD) and that implementation of the SWPPP be overseen by a Qualified SWPPP Developer (QSD) and a Qualified SWPPP Developer (QSP). Effective two years from adoption of the CGP, QSDs and QSPs must have attended a SWRCB sponsored or approved training course, passed an examination, and registered with the California Stormwater Quality Association (CASQA).

**Agenda**
- Welcome, Forum Purpose & Forum Process
- Sandy Matthews, Larry Walker Associates
- QSDs & QSPs – Who We Are
- Jeff Endicott, AEI-CASC Consulting
- QSD & QSP Examination Update
- Brian Currier, Office of Water Programs, CSUS
- QSDs, QSPs & The CGP – Responsibilities and Liabilities
- Katherine Wagner, Downey Brand Attorneys LLP
- Facilitated Topical & Open Forum
- Gerald Montgomery, Montgomery Associates

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<td>SESSION 6</td>
<td>Regulations, Permits &amp; Policies</td>
<td>Modifying Public Behavior</td>
<td>Program Assessment</td>
<td>Stormwater Treatment</td>
<td>Sustainable Development</td>
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**1:15 - 1:45**
- Challenges and Solutions for Developing TMDLs for Bioaccumulative Pollutants: Karen Cowan, Stephen McDard : Larry Walker Associates
- Case Studies in Industrial/Commercial Enforcement in the City of San Diego: John Querzer : D-Max Engineering; Joan Brackin : City of San Diego
- California Dreaming – Evaluation of Stormwater Pollution Prevention Audits Using the CASQA Effectiveness Assessment Guidance: Ellen Stewart, Kevin Buckley : City of Seattle; Jessica Brannom-Zwick : Cascadia Consulting Group
- Integrated Water Resources Benefits from Prioritized Low Impact Development BMPs in New Development and Significant Redevelopment BMPs: Steven Wioslok, Don Schroeder : CDM

**1:50 - 2:20**
- Bacterial Source Tracking in the Tijuana River – Moving from Monitoring to Restoration within a Trans-Border Watershed: Damon Owen, Steven Gruber : Weston Solutions; Ruth Kolb : City of San Diego
- Demonstrating Success in Reducing Pollutant Concentrations at Stormwater Outfalls Regulated Under the Industrial Stormwater Program at Clean Water Services: Steven Anderson : Clean Water Services
- Development of a Database and User-Friendly Fact Sheets for Readily Available Proprietary Best Management Practices (BMPs) for the City of San Diego, CA: James Nabong : City of San Diego; Cory-LeaNeave Jones : URS
- Development of the Orange County Structural BMP Prioritization and Analysis to Support the OCTA Measure M2 – Tier 2 Grant Program: Keri Susilo : Geosyntec Consultants; Charlie Lanewood : Orange County Transportation Authority

**2:25 - 2:55**
- Southern California Bright Collaborative – Using Science and a Single Voice to Use Public Resources Effectively to Protect and Restore Areas of Biological Significance (ASBS) – Robert Stein : City of Newport Beach; David Pohl : Weston Solutions
- Case Studies on Inspection and Enforcement for Ineffective Treatment Control BMPs: Tad Nakatani : D-Max Engineering; James Hook : City of San Diego
- Dry Weather Flow Elimination and Stormwater Treatment BMP Effectiveness at Scripps Institution of Oceanography: Matt Rich, Jay Shrike : AMEC; Kimberly O’Connell : University of California San Diego
- Watershed Retrofit Opportunity Analysis: Developing Conceptual BMP Designs for the City of San Diego: Chad Helmel : Tetra Tech
- Advancing Conventional Stormwater Treatment with High Flow Rate Bioretention Design: Will Harris : Filterra Bioretention Systems

**ALTERNATE**
- Implementing LID-Based Hydromodification Controls: Judd Goodman : Geosyntec Consultants
- A Fresh Approach to Tackle Litter: Erica Hopper : S. Groner Associates
- Taking the Leap into Stressor Identification – Further Evaluation of Reduced Biological Integrity in a Large Northern California Urban Creek: Paul Randal : Santa Clara Valley Urban Runoff Pollution Prevention Program
- Lake Rehabilitation Options for the Machado Lake Ecosystem Rehabilitation Project: Carla Duncan : CDMP
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