



# CASQA TECHNICAL PROGRAM – ALTERNATE PRESENTATIONS

In the event of a cancellation of a planned presentation, an alternate presentation below will be substituted.

## City Projects Spotlight

### City Projects Spotlight

Mission Bay Watershed Case Study: City of San Diego's Integrated Monitoring Approach Before and After the Bacteria TMDL  
*Roshan Christoph, Amec Foster Wheeler*

## Effectiveness Assessment

### Quality Improvement

Water Quality Benefits of Targeted Aggressive Street Sweeping  
*J. Michael Trapp, Michael Baker International*

## GIS Applications and Science

### Web-Based Mapping and Open Data

From Pay Phones to Personal Hot Spots – How Technology Has Evolved Stormwater Management  
*Bryn Evans, Dudek*

## Industrial General Permit

### The ERA Process, Stormwater Data Evaluation and Analysis

Identifying Sources of Lead and Dioxins in Stormwater Runoff at the Santa Susana Field Laboratory  
*Jared Ervin, Geosyntec Consultants, Inc.*

### TMDLs and Treatment System Effectiveness

Cost-Effective Treatment of Log Yard Stormwater Under California's Industrial General Permit  
*Barry Kellems, Integral Consulting, Inc.*

## Low Flow Capture, Diversion, and Use

### Technology Transfer

Drought Resiliency and Water Quality Improvements: The Multi-Benefit BMP Design at Aliso Creek - Limekiln Creek  
*Merrill Taylor, Tetra Tech, Inc.*

## Monitoring

### Innovative Approaches

Use of Low Cost Data Loggers for Remote Deployment to Characterize Hydrologic Conditions Across a Large Geographic Region  
*Thomas Arthur, Amec Foster Wheeler*

## Municipal Stormwater Permit

### Making Permit Compliance

Evolving on the Fly: A City of San Diego Perspective on Adaptive Management of Stormwater Program Operations  
*Bryn Evans, Dudek*

### Moving from Planning to Implementing

Monitoring and Modeling Pilot Study to Evaluate the Effectiveness of Street Sweeping for Reducing the Mass of Sediment, PCBs and Mercury in Urban Runoff  
*Donna Bodine, Geosyntec Consultants, Inc.*

## Phase II MS4 Permit

### Phase II MS4 Permit

Stormwater Compliance for Military Facilities – Stormwater Management and TMDLs  
*Anna Lantin, Michael Baker International*

## Public Information and Outreach

### Inspirational Engagement

Elementary Solutions to Water Quality – A Highly Evolved School Program Approach  
*Bryn Evans, Dudek*

## San Diego Spotlight

### Innovative Approaches to Watershed and Coastal Stormwater Management

Urban LID Green Streets with Suspended Paving: City of San Diego BMP Implementation Project  
*Merrill Taylor, Tetra Tech, Inc.*

## Stormwater and Climate Change

### Stormwater and Climate Change

Los Penasquitos Lagoon: A Combined Modeling Framework to Inform Restoration and BMP Implementation Needs  
*Lindsey Sheehan, ESA*

## Stormwater and Sustainability

### Regional and Community Based Projects Designed for Sustainability

Green Streets and Creek Rehabilitation to Transform a Dense Urban Neighborhood  
*John Quenzer, D-Max Engineering*

## Stormwater and Transportation

### Stormwater and Transportation

The Impact of Pavement Degradation on Stormwater Runoff from Local Roads  
*Russell Wigart, El Dorado County*

## Stormwater as a Resource

### Stormwater as a Resource in Los Angeles County (Part 1)

Stormwater Harvesting and Reuse – What Are the Risks?  
*Jacqueline McMillen, Alta Environmental*

## Stormwater Grants and Funding

### Maximize Stormwater Program Return on Investment

P3s – Can They Truly Deliver Solutions That Work for Government, Taxpayers, Residents, Industry, Regulators, and the Environment?  
*Ken Susilo, Geosyntec Consultants, Inc.*

## Stormwater Treatment

### Pilot Programs and Regional BMPs

Collaborative Multibenefit Project Opportunities in County Unincorporated Communities  
*Ewelina Mutkowska, County of Ventura*

## TMDLs and Pollutant-Specific Compliance

### Lake Elsinore TMDL and Nutrients

Merging Science and Effective Public Policy to Implement Effective Nutrient Management in the Santa Margarita River Watershed – An Alternative TMDL Approach  
*Ashli Desai, Larry Walker Associates*

## Trash

### Understanding the New Regulations

Regional Perspective on Trash and Debris from Rivers to the Sea in Southern California  
*Shelly Moore, Southern California Coastal Water Research Project*

## Watershed Management

### Innovation in Watershed Management

Assessing Adaptive Management: Tracking, Quantifying, and Reporting BMP Implementation  
*Avery Blackwell, Geosyntec Consultants, Inc.*



The marina at Paradise Point, San Diego