

7:00a-5:00p REGISTRATION				
	WORKSHOP 1 Low Impact Development: <i>Experience in California</i> SORRENTO BALLROOM	WORKSHOP 2 Municipal Stormwater 101: <i>Program Fundamentals</i> TERRAZZA BALLROOM	WORKSHOP 3 General Construction Permit: <i>Tools for Implementation</i> SAN MARINO BALLROOM	WORKSHOP 4 Hydromodification: <i>Latest Advances and Pending Challenges</i> CAPRI BALLROOM
8:00-10:00a	Welcome and Opening Remarks Richard Watson : Richard Watson & Associates	Welcome, Opening Remarks and Pre-Test Geoff Brosseau : CASQA; Carmel Brown : CKB Environmental Consulting; Daniel Apt : RBF	Welcome and Opening Remarks Sandy Mathews : LWA	Welcome and Opening Remarks Eric Stein : SCCWRP; Chris Crompton : County of Orange
	Low Impact Development – What it is and What it Does Tom Dalziel : Contra Costa County Clean Water Program	The Basics: - Key Terms - BMP Toolkit - Pollutants - Watersheds	Overview of 2009 Construction General Permit Annalisa Kihara : State Water Resources Control Board	Comparison of Regulatory Current Requirements and How They Have Been Translated to Various HMP Strategies in the State Felicia Federico : GeoSyntec
	Development of Contra Costa's Stormwater C.3 Guidebook Dan Cloak : Dan Cloak Environmental Consulting	Brian Currier : CSU Sacramento; Michael Barrett : University of Texas	Role of SWPPP, REAP, QSP and QSD Greg Gearheart : State Water Resources Control Board	Future Directions at the SWRCB: Construction General Permit, Statewide TAC Eric Bernsten : State Water Resources Control Board
	Contra Costa LID Case Studies David Swartz : Contra Costa County Libbey Bell : City of Concord Scott Wikstrom : City of Walnut Creek Phil Hoffmeister : City of Antioch			EPA Perspective on Regulating and Managing Hydromodification Jennifer Molloy : USEPA
10:00a-10:30a BREAK				
10:30-12:00p	Parcel-Based Implementation of LID Darla Inglis : Low Impact Development Center	Regulatory Background John Tinger : USEPA; Richard Boon : OC Public Works	RUSLE Review Jett A. McFalls : Texas Transportation Institute	Susceptibility/Risk/Mapping and How it Gets Used Chris Bowles : cbec, Inc.
	Getting to Approval on LID Projects Ellen Pritchett : City of Santa Maria Dennis Bowling : Rick Engineering Darla Inglis : Low Impact Development Center Tamara Presser : Central Coast Regional Water Quality Control Board	Program Management Kris McFadden : City of San Diego; Stephanie Reyna : City of Tracy	Construction Site Risk Determination Case Studies Ed Othmer : URS	Modeling and Translating Models to Management Tools Brian Bledsoe : CSU Ft. Collins
		Program Effectiveness Assessment Karen Ashby : LWA; Jon Van Ryn : County of San Diego		Sizing Methodologies for Hydromodification Management: Approaches and Challenges Jill Bicknell : EOA, Inc.
12:00p-1:00p LUNCH (South Poolside Terrace)				
1:00-2:30p	Evolving LID Policies and Practices in the City of Los Angeles Shahram Kharaghani and Robert Vega : City of Los Angeles	Program Elements: - New Development & Redevelopment - Construction - Municipal Operations - Existing Development	Runoff Reduction Review and Case Studies Eric Berntsen : State Water Resources Control Board	Translation of Technical Tools to on the Ground Decisions Matt Yeager : San Bernardino FCD
	Development of Los Angeles County's Ordinance Triad Bruce Hamamoto : County of Los Angeles Dept of Public Works	Kent Wegelin : City of Moreno Valley; Grant Sharp : County of Orange; Lori Pettegrew : EOA	ATS Basics-Matching Sites to Treatment Technologies Michael Chase : MC Environmental	Hydromodification Monitoring and Adaptive Management Derek Booth : Stillwater Sciences
	Implementing LID Projects in Los Angeles County Vik Bapna : California Watershed Engineering			Role of Instream Restoration as a Hydromodification Management Strategy Andy Collison : PWA
2:30p-3:00p BREAK				
3:00-4:30p	How LID Projects Are Being Used in a Comprehensive TMDL Compliance and Storm Drain Maintenance Program Drew Kleis : City of San Diego; Gene Matter : City of San Diego	Program Elements: - Public Education & Participation - Enforcement / Illicit Discharge - Detection & Elimination - Water Quality Monitoring	Focus on Field Monitoring Tools and Techniques Chris Campbell : Lawrence Livermore National Laboratory	Panel Discussion – Hypothetical Case Study as a Focus of Discussion for Decisions Regarding Hydromodification Management Richard Horner : University of Washington; Mark Grey : So Cal BIA; Darla Inglis : LID Center; Dominic Roques : Central Coast Regional Board;
	Opportunities and Constraints for Implementing LID in City of San Diego Capital Improvement Projects Rob Hawk : City of San Diego; David Pohl : Weston Solutions	Jennifer Nichols Kearns : City of San Diego; Daniel Rourke : Fresno Metro Flood Control District; Chris Sommers : EOA	CASQA Construction BMP Handbook Anna Lantin : RBF; Kim Williams and Dan Pankani : Geosyntec	Dan Cloak : Dan Cloak Environmental Consulting; Jill Bicknell : EOA, Inc.
	LID Approaches Applied to New Development In the City of San Diego Sumer Hasenin : City of San Diego; Paul Haaland : Fuscoe Engineering.			
	Closing Remarks Richard Watson : Richard Watson & Associates	Closing Remarks and Post-Test Carmel Brown : CKB Environmental Consulting; Daniel Apt : RBF	Closing Remarks Sandy Mathews : LWA	Closing Remarks Eric Stein : SCCWRP

7:30a - 5:30p					REGISTRATION DESK				
8:00a - 7:30p					EXHIBITS				
PLENARY SESSION 8:30 - 9:40		Welcome and Opening Remarks – Chris Crompton : Chair, CASQA; Mayor Jerry Sanders : City of San Diego Keynote Address – John Robertus : Executive Officer, San Diego Regional Water Quality Control Board – “10 Key Stormwater Challenges for California” CAPRI, RIVIERA, MONTE CARLO, AND ST. TROPEZ BALLROOMS							
9:40 - 10:00					BREAK (Exhibitor Pavilion)				
SESSION 1	TRACK A Modifying Public Behavior TERRAZZA BALLROOM		TRACK B Pollutants of Concern SORRENTO BALLROOM		TRACK C Regulations, Permits & Policies SAN MARINO BALLROOM		TRACK D Sustainable Development MARSEILLES / PORTOFINO ROOMS		
MODERATOR	Daniel Rourke: Fresno Metropolitan Flood District		Richard Boon: County of Orange		Mack Walker: Larry Walker Associates		Jill Bicknell: Santa Clara Valley Urban Runoff Program		
10:00 - 10:30	Accentuating the Positive - Fostering Stewardship in Urban Watersheds <u>Armand Ruby : Armand Ruby Consulting</u>		Fear and Loathing in Los Angeles: Developing a Bacteria TMDL for the World's Most Engineered Watershed <u>Dustin Bambic : AMEC Geomatrix</u>		Ports of Los Angeles/Long Beach Water Resources Action Plan (WRAP) <u>Matt Arms : Port of Long Beach</u>		A Solution to Requiring LID in Stockton Urbanized Area: A Volume Runoff Reduction Approach <u>Rebecca Winer-Skonovd : Larry Walker Associates</u>		
10:35 - 11:05	Behavior Matters: Focused Outreach to Maximize Behavior Change <u>Jennifer Tabanico : Action Research;</u> <u>Jennifer Nichols Kearns : City of San Diego</u>		Bacteria – Real World Implementation Amidst Moving Regulatory Targets <u>Brandon Steets : Geosyntec Consultants</u>		A New NPDES General Permit for Aquatic Pesticides in the Horizon <u>Ed Latimer : AMEC Earth and Environmental</u>		LID Cost Estimating Tool Spreadsheet for Life-Cycle Costing <u>Lisa Hair : US EPA Office of Water</u>		
11:10 - 11:40	Three Strategies That Cause Public Outreach Campaigns To Fail, and Steps to Avoid Them <u>Stephen Groner : S. Groner Associates, Inc.</u>		Tecolote Creek Bacterial TMDL – Further Understanding of the Bacterial Dynamic <u>Gretel Roberts : Weston Solutions</u>		“Special Protections” and the Pending Ocean Plan General Exception for Areas of Special Biological Significance – the Continuing Saga <u>Alan Waltner : Law Offices of Alan Waltner</u>		Development of TMDL Implementation Plans: A GIS-Based Approach to Project Planning and Identification Toward the Attainment of Water Quality Compliance for the Ballona Creek Watershed <u>Lisa Austin, Ken Susilo : Geosyntec Consultants</u>		
11:40 - 12:00					EXHIBITOR FOCUS (Exhibitor Pavilion)				
12:00 - 1:30					LUNCH AND CASQA AWARDS PROGRAM (Capri, Riviera, Monte Carlo, and St. Tropez Ballrooms)				
SESSION 2	TRACK A Program Assessment TERRAZZA BALLROOM		TRACK B Stormwater Treatment SORRENTO BALLROOM		TRACK C Regulations, Permits & Policies SAN MARINO BALLROOM		TRACK D Sustainable Development MARSEILLES / PORTOFINO ROOMS		
MODERATOR	Grant Sharp: County of Orange		Kris McFadden: City of San Diego		Anna Lantin: RBF Consulting		Daniel Apt: RBF Consulting		
1:30 - 2:00	Conducting Program Effectiveness Assessments and Keeping Up with the Times – Responding to the State Water Advisory Task Force and AB739 <u>Karen Ashby : Larry Walker Associates;</u> <u>Jon Van Rhyn : County of San Diego</u>		The Real ART of Stormwater Treatment <u>Melody Tovar : City of San Jose</u>		Finding Funding for Stormwater Management in Tough Times <u>John Bliss : SCI Consulting Group</u>		Stormwater Infiltration - A Multi-Stakeholder Perspective <u>Matt Lentz : AMEC Geomatrix</u>		
2:05 - 2:35	Stormwater Monitoring Coalition Laboratory Intercalibration for Chemical Analysis of Runoff <u>Ken Schiff : SCCWRP</u>		Green Design Standards for Stormwater Treatment and Groundwater Recharge in City of LA: Retrofitting Alleys, Street Parkways and Medians Through Citywide Collaboration <u>Mark Hanna : City of Los Angeles DWP</u>		Ventura County MS4 Reissuance Odyssey - Lessons Learned <u>Gerhardt Hubner : Ventura County Watershed Protection District</u>		Lost in Translation: Stormwater New Development Standards vs. How Things Get Built <u>Dan Cloak : Dan Cloak Environmental Consulting</u>		
2:40 - 3:10	Forget About Your General Plan, Have Your Planners Read Your Stormwater Permits <u>Andre Monette : Best Best & Krieger LLP</u> <u>Dave Gibson : San Diego RWQCB</u> <u>Drew Kleis : City of San Diego</u>		Santa Clara Valley Pilot Trash Structural Treatment Control Study <u>James Downing : City of San Jose</u>		Should Water Quality Outweigh Hydraulic Controls for a 303(d)-Listed Eutrophic Water Body? <u>Greg Stemler : AMEC Geomatrix</u>		Case Study: Achieving Net Zero Stormwater Discharge in a Sustainable Development Project <u>Jennifer Crain : Nolte Associates</u>		
3:10 - 3:45					BREAK (Exhibitor Pavilion)				

CASQA Conference Agenda | Tuesday November 3, 2009 (cont.) ▼

SESSION 3	TRACK A Program Assessment TERRAZZA BALLROOM	TRACK B Stormwater Treatment SORRENTO BALLROOM	TRACK C True Source Control SAN MARINO BALLROOM	TRACK D Sustainable Development MARSEILLES / PORTOFINO ROOMS
MODERATOR	Chris Crompton: County of Orange	Bill Flores: HDR Engineering, Inc.	Arlene Chun: Riverside County Flood Control District	Armand Ruby: Armand Ruby Consulting
3:45 - 4:15	Assessment of Santa Monica Bay Shoreline Monitoring Program and BMP Mitigation Measures for TMDL Compliance <u>Hamid Tadayon: City of Los Angeles, Bureau of Sanitation</u>	Design of Regional Urban Watershed Dry-Weather Flow Treatment System – Talbert Lake Diversion Project <u>Bruce Phillips : PACE</u>	Source Control: Today's Most Promising Opportunity for Cost Effective Stormwater Compliance <u>Kelly Moran : TDC Environmental, LLC</u>	LID Site Design Facilitation Tool: National Green Values Calculator <u>Lisa Hair : US EPA Office of Water</u>
4:20 - 4:50	To Sweep or Not to Sweep: Lessons Learned from the City of San Diego's Pilot Street Sweeping Study <u>Clem Brown : City of San Diego</u>	Removal of Selenium and Nitrate from Surface Waters Using a Subsurface Microbial Filter <u>Scott Lynch : CH2M HILL</u>	Toxicity in Urban Creeks: Will it Ever End? <u>Kelly Moran : TDC Environmental, LLC</u>	City of LA Water Quality Compliance MasterPlan for Urban Runoff: Funding Requirements and Applications to Developing TMDL Implementation Plans <u>Hubert Cox : City of Los Angeles, BOS</u>
4:55 - 5:25	Current Stormwater Monitoring Methods and Implications – Are we Understanding the Science and Addressing Beneficial Uses? <u>Chris Stransky : Nautilus Environmental</u>	An Innovative Approach to BMP Selection and Conceptual Design in Richmond, CA <u>Catherine Tyrrell : Malcolm Pirnie</u>	Maximizing Storm Water Contribution to Base Flow for Water Supply Reservoirs <u>Bob Maestro : StormChambers</u>	Integrated Watershed Planning for Urban Runoff and Stormwater Management: The LACFCD's Watershed Management Modeling System <u>Youn Sim : Los Angeles County Flood Control District</u>
5:30 - 7:30	EXHIBITOR RECEPTION (Exhibitor Pavilion)			

CASQA Conference Agenda | Wednesday November 4, 2009 ▼

7:00a - 12:00p REGISTRATION DESK				
8:00a - 1:30p EXHIBITS				
PLENARY SESSION 8:00 - 8:30	New Directions for Stormwater Programs – CASQA's Response to the National Research Council Report Mack Walker : Larry Walker Associates; Richard Boon : County of Orange			CAPRI BALLROOM
SESSION 4	TRACK A Modifying Public Behavior SORRENTO BALLROOM	TRACK B Stormwater Treatment SAN MARINO BALLROOM	TRACK C Regulations, Permits & Policies CAPRI BALLROOM	TRACK D Sustainable Development RIVIERA BALLROOM
MODERATOR	Chandra Santiago: County of Riverside	Claudio Padres: Riverside County Flood Control District	Melody Tovar: City of San Jose	Rebecca Winer-Skonovd: Larry Walker Associates
8:35 - 9:05	Using Partnerships to Stretch Limited Budgets for Public Outreach <u>Vishakha Atre : Santa Clara Valley Urban Runoff Pollution Prevention Program</u>	Orange County Retrofit Opportunities Study Watershed Modeling <u>Daniel Apt : RBF Consulting</u>	Legal Challenges and Solutions to Infiltration, Capture and Reuse of Stormwater <u>Andre Monette, Shawn Hagerly, Jill Willis : Best Best & Krieger LLP</u>	A Comparison of Hydromodification BMP Size Requirements in California and Washington Based on Flow Duration Control <u>Felicia Federico : Geosyntec Consultants</u>
9:10 - 9:40	Getting in Tune with the iGeneration: A Look at the City of LA's Youth Litter Study <u>Erica Hooper : S. Groner Associates, Inc</u>	The Sustainable Canyons Program within the City of San Diego - An Integrated Approach to Address Storm Water Runoff and Habitat Restoration <u>Anthony Cotts and Sheri Dister : Weston Solutions</u>	BMP Achievability Relative to Water Quality Standards – Are There Non-Compliance Risks for NPDES Permittees After BMP Implementation? <u>Brandon Steets : Geosyntec Consultants; Michael Stenstrom : UCLA; Robert Pitt : University of Alabama</u>	Hydromodification and LID Sizing Calculators for Contra Costa and San Diego Counties <u>Eric Mosolgo : Brown and Caldwell</u>
9:45 - 10:15	Think Blue San Diego, a Multifaceted Approach to Storm Water Education <u>Jennifer Nichols Kearns, Tim Graham : City of San Diego</u>	Implementation of Green Street Retrofit BMPs to Meet TMDLs in Urban Watersheds <u>Steve Wolosoff : CDM; Wilfred Hsu : CH2M Hill</u>		Hydromodification Analysis and Application Case Studies on Large Land Development Projects and Southern California Natural Channels <u>Anna Lantin : RBF Consulting</u>
10:15 - 10:40	BREAK (Exhibitor Pavilion)			

SESSION 5	TRACK A True Source Control SORRENTO BALLROOM	TRACK B Stormwater Treatment SAN MARINO BALLROOM	TRACK C Scientific Advances CAPRI BALLROOM	TRACK D Sustainable Development RIVIERA BALLROOM
MODERATOR	Mary Anne Skorpanich: County of Orange	Albert Martinez: Riverside County Flood Control District	Scott Taylor: RBF Consulting	Gerhardt Hubner: Ventura County Watershed Protection
10:40 - 11:10	The Feasibility and Desirability of Stormwater Retention Onsite <u>Eric Strecker : Geosyntec Consultants</u>	Mill Creek Wetlands: Planning and Design Studies for a Regional Treatment System <u>Julie Stephenson : Geosyntec Consultants</u>	Tracking Pollutants Through Dry Weather Runoff Monitoring in Orange County, California <u>Grant Sharp : County of Orange</u>	Sustainable Stormwater Management Strategies Revitalize the Landscape for Two Different Communities <u>Jay Womack : Wight & Company</u>
11:15 - 11:45	Reining Runoff at the Landscape, The Smartimer/Edgescape Evaluation Project (SEEP) <u>Lisa Zawaski : City of Dana Point</u> <u>Joe Ames : City of Mission Viejo</u>	Why Supersize BMPs? <u>Marty Spongberg : AMEC Geomatrix</u>	Source Tracking and Biopathway Analysis of Metals and PCBs: Determining Potential for Bioaccumulation in a Regulated Reservoir on the Pend Oreille River, Washington, USA. <u>Rob Plotnikoff : Tetra Tech</u>	Meeting Low Impact Development Goals with Underground Stormwater Structures <u>Merideth Burkhart : StormTrap</u>
11:45 - 1:15 EXHIBITOR FOCUS AND PRIZE DRAWING (Exhibitor Pavilion) & LUNCH (South Poolside Terrace)				
SESSION 6	TRACK A Pollutants of Concern SORRENTO BALLROOM	TRACK B Stormwater Treatment SAN MARINO BALLROOM	TRACK C Scientific Advances CAPRI BALLROOM	TRACK D Sustainable Development RIVIERA BALLROOM
MODERATOR	Ann Iaali: Riverside County Flood Control District	Kevin McGillicuddy: Roscoe Moss Company	Lisa Austin: Geosyntec Consultants	Matt Yeager: San Bernardino County Flood Control District
1:15 - 1:45	Quantifying the Water Quality Benefits of Non-Structural BMPs in TMDL Implementation Plans <u>Richard Meyerhoff : CDM</u>	A Rational Balance in Stormwater Quality BMP Evaluations <u>Craig Beatty : Stormwater Equipment Manufacturers Association</u>	Organic Carbon Dynamics Associated with a Rapidly Urbanizing Watershed to the Sacramento River <u>Rachel Pisor : Department of Water Resources</u>	Sonoma County's New LID Manual: Integrating Stormwater Management with Water Conservation and Reuse Approaches <u>Ken Schwarz : Horizon Water and Environment</u>
1:50 - 2:20	The Chollas Creek Dissolved Metals TMDL Implementation Plan – Steps to Success <u>Sara Huber : Weston Solutions</u> <u>Stephanie Bracci : City of San Diego</u>	Numeric Assessment of Best Management Practices for Risk Level 3 Projects <u>Rich Lucera : RBF Consulting</u>	Continuous Quantitative Sampling - The Future of Water Sampling is Here <u>Jamie Aderhold : Aqualytical</u>	Green Infill - Clean Stormwater <u>Jennifer Krebs : San Francisco Estuary Partnership</u>
2:25 - 2:55	An Evaluation of the Connection Between Stormwater Flows and Benthic Community Impacts in Southern California: The Role of Pyrethroids <u>John Rudolph : Nautilus Environmental</u>	An Overview of Active Treatment Systems for Construction Stormwater Treatment <u>Joe Gannon : Clear Creek Systems, Inc</u>	Lake Tahoe Pollutant Load Reduction Model (PLRM) <u>Brent Wolfe : Northwest Hydraulic Consultants;</u> <u>Dan Pankani : Geosyntec Consultants</u>	Sustainable Urban Water and Rainwater Harvesting <u>Chris Kloss : Low Impact Development Center</u>
3:00 - 3:30	Developing a Collaborative Selenium TMDL for the Newport Bay Watershed <u>Karen Ashby and Karen Cowan : Larry Walker Associates</u>	Feasibility of Trash Removal at Stormwater Pump Stations <u>John Fusco : Santa Clara Valley Urban Runoff Pollution Prevention Program</u>	Assessment of Water Quality During Wet Weather to Areas of Special Biological Significance <u>Ken Schiff : SCCWRP</u>	Riverside County Flood Control and Water Conservation District Low Impact Development Retrofit Project <u>Michael Cairns : CValdo Corporation;</u> <u>Bob Cullen : RCFC&WCD</u>
3:35 - 4:05	Urban Stormwater Runoff Phosphorus Loading and BMP Treatment Capabilities <u>Joel Garbon : Imbrium Systems</u>	Incentives for Stormwater Capture: A Rebate Program for Use of Pervious Concrete <u>Martha Davis : Inland Empire Utilities Agency;</u> <u>Paulette Salisbury : California Nevada Cement Association</u>	Long-Term Subsurface Monitoring Beneath Infiltration BMPs – Findings of the Los Angeles Basin Water Augmentation Study <u>Marty Spongberg : AMEC Geomatrix</u>	Water Harvesting and LID Measures in a Southern California Water District Building Project <u>Daniel Apt : RBF Consulting</u>