



LOCALIZING CALIFORNIA WATERS

A HANDS-ON INTENSIVE FOR CONSERVATION AND REUSE
californiawaterreuse.org

nov 1-3, 2016



CONFERENCE HIGHLIGHTS:

- **Reuse and Job Faire (FREE to PUBLIC)** Exhibitors, Technical Hands-On Displays, Mobile Reuse Learning Labs, Grant Clinics, Job Faire, Water Assessments
- Policy Roundtable/Workshops
- Greywater Contractor Training Certification
- Hands-on Trainings
- Tours of Yosemite Area BMPs
- Poster Session
- Sierra Wine Social/Banquet/Live Music
- 20 CEUs available

TOPICS AT A GLANCE

Watershed Policy/Tools

- The Beneficial Nexus of Centralized and Decentralized Water Supply in California: Creating a Balance Sheet of Direct Potable, Ecological Services, and Decentralized Reuse
- Instream Flow Tools to Complement Water Conservation and Reuse
- California Water Rights: Relating Best Use and Efficiencies
- Visions for the New Paradigm: Watershed Budgets
- Returning to the Bottom Line: Penciling Out Appropriate Design
- Case Studies for Reducing Consumptive Use and Increasing Watershed Instream Flow
- CWAP: California as a Model for Sustainable Water Resources
- Workshop: Innovations in Integrated Decentralized Water Reuse
- Case Studies for Water Reuse
- Facilitated Breakout Groups Set 1: Greywater, Blackwater, Rainwater, Surface/Groundwater
- Water Reuse Code Basics Workshop
- History of Low Impact Development Policy and Current Roadmap
- Integrated Design: Putting Water, Soils and Carbon back in the Cycle
- Wastewater for Wildland Urban Interface Protection and Habitat Regeneration
- Fire and Drought: Fire Effects on Water Availability and Reuse
- Nutrient Cycling and Carbon: Reducing Nutrient Loading
- Evaporative Transpiration in the Equation: Calculation Clinic

Stormwater

- New Advances in Stormwater LID
- Biofilter Selection Criteria in Stormwater LID
- Selection Criteria for Effective Bioswale/Biofiltration Implementation
- Agricultural Innovations with Stormwater Reuse
- Guidance on Green Infrastructure: Making LID in the Right-of-Way Standard Practice
- The Living Schoolyard: Stormwater Reuse Revolution Where It Counts
- Effectiveness Monitoring: Evergreen Lodge Monitoring Results
- Watershed Budget Workshop: Using Innovative, Interactive Tools for Decision Making

Evaluating Effectiveness

- Lessons Learned from Drought Monitoring: Satellite, Groundtruthing Wetlands, and Ash
- Monitoring Greywater and Stormwater Risk
- Workshop: Assessing Energetic Demand
- Workshop: Calculating Hidden Return on Investment
- Composting Toilet Case Studies: Evaluating Effectiveness

Blackwater/Greywater

- Overview of Current Blackwater Repurposing Hurdles
- High Strength Systems: Answering the Residency Time Question
- Green Septic and LAMP: COWA
- Advances in Urine Diversion
- Calming the Drought: Effectiveness of Blackwater Reuse
- Phytoremediation for Wastewater
- Title 22: Disinfection Standards Clinic
- New Tools in Greywater: Low Tech to Manufactured Systems

Rainwater

- Rainwater Design Basics 101
- Runoff Determinations Calculations
- Tank Balancing: Best Use Determination for Rainwater
- Sizing Overflows and Groundwater Recharge with Rainwater
- Roof Toxicity Selection for Rainwater
- Case Studies of Rainwater Reuse for Indoor Non-Potable

