



# In the blink of an eye...

## SERCAL 2018 in San Diego May 9-11

## A Sneak Peek at SERCAL's 25th Annual Conference Presentations & Presenters

### **Adaptive Management Building Resiliency in a Changing Environment**

Session Chair: Cecilia Meyer Lovell, AECOM

*Listed in alpha order by presenter:*

Thor Anderson | Still Alive at Year Five: Utilizing monitoring to guide corrective measures at Fort Ord

Elihu Gevirtz | Tamarisk Eradication: 40 miles in the wilderness

Julia Groebner | A Study of Long-term Restoration Success in Southern California

Chris Holland | Challenges Meeting Habitat Restoration Performance Objectives in a Changing Environment

Amber Jackson | Resilient Reefs: A solution to re-purpose California's offshore oil platforms

Julie Kalansky | Precipitation and Drought Impacts on Ecosystems in San Diego County

Carolyn Lieberman | Controlling the Nonnative Algerian Sea Lavender (*Limonium ramosissimum*) in Coastal Salt Marshes

Marissa Maggio | Habitat Restoration Within an Urban Water Quality Improvement Project: Competing project goals and challenges of the Machado Lake Project

Jenny McGee | A Case Study: Applied adaptive management following significant wildfire events

Laura Moreton | Smooth Tarplant is not Smooth, but Translocating it can be

Gerrit Platenkamp | Resilient Designs for Tidal Marsh Restoration

Jim Prine | Resilient Design Considerations and Post-Installation Adaptive Management Actions for Riverine Restoration

Carla Scheidlinger | Habitat-based Adaptive Management Approach for CWC §1211 Recycled Water Petitions

Alexandra Syphard | Wildfire in a Warming Southern California: Climatic drivers of change

Marlene Tyner-Valencourt | Restoring Together: Strategic alignment for successful restoration planning and permitting

### **The Impact of *Phytophthora* on Restoring Native Habitats**

Session Chair: Kevin MacKay, ICF

*Listed in alpha order by presenter:*

Leanne Feely | Life after *Phytophthora*: An approach to restoration via direct seeding at Sheep Camp Creek, Sunol CA

Susan Frankel | Are *Phytophthoras* a Threat to Arid Southern California Restoration Sites?

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# A Sneak Peek at SERCAL's 25th Annual Conference *continued*

Julie Garren | How to Reduce the Risk of *Phytophthora* Introductions and *Phytophthora*-induced Mitigation Failure in Restoration Projects

Kevin Mackay | Dealing with *Phytophthora*: Approaches for restoring habitat without container plants

Charles McClain | Minimizing Threats Posed by Exotic *Phytophthora* Species to Natural Communities

Alisa Shor | Full Steam Ahead: Managing *Phytophthoras* in nursery operations and fieldwork

Laura Sims | *Phytophthora* Isolated from Restorations in Marin, San Francisco, and San Mateo Counties

Tedmund Swiecki | Invasion of Northern California Native Plant Communities by Soil-borne *Phytophthora*: Pathways and risk factors

## Habitat Design and Restoration in Rapidly Changing Environments

Session Chair: Jeannine Ross, RECON Environmental

*Listed in alpha order by presenter:*

Summer Adleberg | Stadium Wetland Mitigation Project: Urban stream restoration

Joy Baccei | Un-Pave Paradise, Take out a Parking Lot: Adaptive wetland restoration & mitigation monitoring

John Bair | Developing a Quantitative Basis for Concept Level Revegetation Designs

Heather Clayton | 100 Acres of Coastal Habitat Restoration in San Clemente, California

Stephanie Freed | Evaluating Wetland Restoration Projects using the California Rapid Assessment Method

Shirley Innecken | North San Diego County Multi-Watershed Enhancement & Restoration for Resiliency

Matt Kedziora | Maritime Succulent Scrub Restoration, Otay Ranch University Villages Project

Matthew Major | Restoration Design and Implementation in a Dynamic Alluvial Riparian System in Southern California.

Meagan Olson | Establishing Vernal Pool Vegetation in a Rainfall-dependent Community

Jordan Rosencranz | A Conceptual Model of Pacific Cordgrass (*Spartina foliosa*) Restoration in California with Thin-layer Sediment Augmentation (TLISA)

Joel Sherman | Role of Drones in Lagoon Restoration: A Case Study

Geoff Smick | Restoration of Disturbed Habitats: Technical Design Approach and Field Test Results

Eric Smith | Whole-Landscape Restoration of a Leveled California Vernal Pool Terrain

## Restoration of Native Grassland Ecosystems

Session Chair: JP Marié, California Native Grasslands Association

*Listed in alpha order by presenter:*

Robert Freese | Management Challenges in Restoring Native Grassland Habitats in Southern California

Elihu Gevirtz | Native Grassland Restoration Using Sheep for the Sake of Breeding Birds

Bruce Hanson | Habitat Restoration and Recovery of the Endangered San Diego Thornmint

Megan Lulow | Variation in Soil Properties Related to Moisture Availability Across and Within Sites Characterized by Grassland and Coastal Sage Scrub

JP Marié | Establishing Functional California Native Grasslands

Rachael Olliff-Yang | Mismatch Managed? Strategies for buffering the impacts of phenology shifts

Briannne Palmer | Response of Biological Soil Crusts to Prescribed Burns on San Clemente Island

Patrick Reynolds | Production of Native Local Ecotype Seed for Grassland Restoration Projects

Jordan Rosencranz | Best Practices for Restoring Purple Needlegrass (*Stipa pulchra*)

## Storm Water and Erosion Control

Session Chairs: Allegra Bukojemsky, ICF, and Aaron Andrews, AECOM

*Listed in alpha order by presenter:*

Gregory Andrew | Treatments and Conflicts of Stream Habitat Enhancement and SWPPP Compliance

Aaron Andrews | Agua Hedionda Creek Stream Bank Stabilization

Matt Kedziora | Unique Restoration Methods and Resource Use to Pursue Interdisciplinary Project Goals: A case for cactus

# Conference Schedule for SERCAL's 25th Annual Conference

Wed 9 May 2018 Day One: Conference

Thu 10 May 2018 Day Two: Conference

7:30–9am Registration Check-in | Sponsor & Poster Set-up

8–9am Hosted Continental Breakfast

9–10am **Welcome** *Ralph Vigil, SERCAL President & Conference Chair, HRS*  
**Plenary** *Conservation and Management for San Diego's Changing Climate*

**Plenary** *In the Blink of an Eye: Looking Back and Looking Forward*

10–10:30am Hosted Coffee Break

10:30am–Noon **Concurrent Technical Sessions**

Adaptive Management | Habitat Design | Native Grasslands

Adaptive Management | Habitat Design | Impact of *Phytophthora*

Raffle Items to benefit Student Scholarship Fund go on display Noon–1:30pm Hosted Buffet Lunch with Annual SERCAL Meeting and Raffle Drawing

1:30–3pm **Concurrent Technical Sessions**

Adaptive Management | Habitat Design | Native Grasslands

Adaptive Management | Habitat Design | Impact of *Phytophthora*

3–3:30pm Hosted Coffee Break

3:30–5pm **Concurrent Technical Sessions**

Adaptive Management | Habitat Design | Native Grasslands

Urban Forestry Management | Storm Water & Erosion Control |  
Impact of *Phytophthora*

5–7pm **Poster Reception | Hosted Appetizers | Craft Brews**

Conference closure til Friday 11 May fieldtrips

Watch your inbox and [sercal.org](http://sercal.org) for Friday, May 11's fieldtrip announcement and registration!

## A Sneak Peek at SERCAL's 25th Annual Conference *continued*

### Urban Forestry Management in a Changing Environment

Session Chair: Christopher Kallstrand, DUDEK

Listed in alpha order by presenter:

Dorothy Abeyta | Urban Forest Program Continuum for Sustainable Growth

David Lee | New Guidelines Benefit Urban Wildlife and Habitat Projects

Justin Morgan | Changing the Rules: Expanding and reimagining urban restoration

### Posters

Session Chairs: Gavin Archbald and Will Spangler, H. T. Harvey & Associates

Dakota Brooks | Propagating Two Key Species for the Mojave Desert Ecoregion

Jeremy Byrne | Germination and Survivability of *Eriogonum fasciculatum* and *Grayia spinosa*

Debi Fanucchi | Pond Draining to Enhance Native Amphibian Breeding Habitat: Lessons learned

Catherine Fong | Partnering with Water: Restoring hydrology in Yosemite Valley

Maria Guzman-Ramos | *Larrea tridentata* and *Ericameria linearifolia* for Restoration

Lindsey Hendricks-Franco | Linking Herbaceous Plant Growth and Soil Recovery after Fire in California Shrublands

Janell Hillman | Assisted Colonization of an Endangered Chaparral shrub is Confounded by Exotic Root-rotting *Phytophthora* Species

Allen LaGrange | Response of Wet Meadow Vegetation Along a Hydrological Gradient after Passive Restoration

Charles McClain | Can Ecological Scent-detection Dogs be Trained to Screen for *Phytophthora*?

Vince Rivas | Large-scale Tamarisk Removal in Anza Borrego Desert State Park

Kristen Kaczynski | Monitoring Short- and Long-term Vegetation Changes Following Wet Meadow Restoration

Matt Yelin | Automated Mapping of Specific Plant Species Using High-resolution Drone Imagery