

A View of Restoration from the Range of Light SERCAL's 17th Annual Conference



19-22 May 2010 at the Mountainside Conference Center
slope-side in the historic *Main Lodge Base* area of Mammoth Mountain

"... It seemed to me that the Sierra should be called, not the Nevada or Snowy Range, but the Range of Light. And after ten years of wandering and wondering in the heart of it, rejoicing in its glorious floods of light, the white beams of the morning streaming through the passes, the noonday radiance on the crystal rocks, the flush of the alpenglow, and the irised spray of countless waterfalls, it still seems above all others the Range of Light."

— *John Muir* 1912

Call for Abstracts

www.sercal.org

WEDNESDAY 19 MAY 2010

Optional Workshops with hosted lunch

Desert Revegetation
Monitoring & Adaptive
Management in Ecosystem
Restoration

Adaptive Management In
Restoring Drastically
Disturbed Sites

*A Manual of California
Vegetation, Second Edition*
— Overview and
Relationship to
Conservation and
Management (CNPS)

THURSDAY 20 MAY 2010

Conference

Registration

Hosted Continental
Breakfast

Poster, Exhibitor and Raffle
Prize Displays

Plenary Session

Hosted Lunch

Afternoon Concurrent
Technical Sessions (3)

Poster Reception/Cocktails

Gondola Ride to McCoy
Station — Hosted Dinner

FRIDAY 21 MAY 2010

Conference

Poster, Exhibitor and Raffle
Prize Displays

Morning Concurrent
Technical Sessions (3)

Hosted Lunch, Membership
Meeting, Poster Awards &
Raffle

Afternoon Concurrent
Technical Sessions (3)

Plus...

SATURDAY 22 MAY 2010 Optional Field Trips

Owens River Valley Dust Control Mitigation
Crowley Lake Reserve to Owens Lake Watershed Tour
Mono Lake Canoe Trips & Rush Creek Tour
Manzanar Relocation Camp & Alabama Hills

SERCAL 2010 Guidelines Abstract Submittal Deadline: 1 February 2010

Submitting Your Abstract

Format

Submit all abstracts in **Times Roman, 10-point font, left justified**. Type the title, list of author(s), affiliation(s) and contact information (mailing address and email). Skip one line and type the abstract as one, single-spaced paragraph. Do not skip lines or indent.

Proofread carefully — errors in your abstract may appear in the printed version.

Titles & Authors (see example)

The title should summarize the paper's content and facilitate retrieval from a database. A good title clearly identifies the topic of the study, includes key words, **excludes** articles ("a" or "the"), and consists of **10 words or less**. In the case of multiple authors, insert an asterisk (*) after the name of the person presenting. Where multiple authors are from different institutions, use superscript numbers to identify each author's address. **Title should NOT be in all caps.**

Content & Style

The abstract should be informative yet concise (**250 words maximum**). Concentrate on results and conclusions. Avoid jargon. Use the active voice whenever possible.

Example

Creating Microhabitats to Accelerate Salt Marsh Restoration.

John Smith^{*1}, Ann Thomas², and Kenneth J. White¹. ¹Biology Department, Anytown University, Anytown, MD 21752. ²Thomas Environmental Consultants, 5550 Ocean Drive, Somewhere, MD 21704; jsmith@biology.anytown.edu.

Dumping dredge spoils on southern California salt marshes is threatening endangered endemic species. During the past three years we have devised ways of using these spoils to create microhabitats...

Abstracts which do not conform to specifications as outlined above or are not accompanied by a completed and signed Submission Form (right) will not be accepted.

SERCAL 2010 Technical Sessions

Soil and Restoration: Starting at the Source.

Soil is the underpinning and foundation of terrestrial ecosystems. When planning, implementing and monitoring restoration projects, soil is often the most important but also most overlooked element of a project. This session will address a broad range of soil-related issues in restoration planning, practice and assessment. **Michael Hogan, Chair Principal, Integrated Environmental Restoration Services, Inc., SERCAL Past President, Region 8 Director**

Watershed-Scale Restoration of Aquatic Communities.

This session will focus on efforts to assess, design and/or implement restoration strategies in large intermountain watersheds (like the Truckee, Walker, Owen's, etc) as well as smaller watersheds that are tributary to these systems from the Sierras, White Mountains, etc. Key issues include the supply and transport of sediment, thermal loading dynamics, hydrology impacts, habitat connectivity and function, restoring altered channel forms, and/or other multi-disciplinary issues. **Mike Liquori, Chair Principal, Sound Watershed Consulting**

WEEDS: Burn em? Cultivate em? or Eat em?

The importance of managing the effects of invasive exotic weeds on our ecosystems has become a science in and of itself. Through research, we have had the opportunity to experiment with new and innovative methodologies. Utilizing fire and herbicides, in conjunction with mechanical, manual and grazing techniques have become common techniques for controlling weeds. Please join us to share your experiences. **Ralph D. Vigil, Chair Director of Habitat Management, Restoration Resources, SERCAL Region 1 Director**

Research, Restoration, and Revegetation on LADWP Lands in the Eastern Sierra Nevada.

The City of Los Angeles owns and manages 315,000 acres in the Eastern Sierra. This session will focus LADWP's efforts to revegetate, restore, and improve its management of these areas, including the Lower Owens River, Owens River Gorge, Mono Basin and Long Valley. **David Martin, Chair Watershed Resource Specialist, Los Angeles Department of Water and Power**

Restoration, Realignment, and Resource Management for Changing Climates.

Changing climates are influencing California ecosystems, and projections for the future imply even greater effects. Restoration challenges brought by this new reality include need for: reviewing science-based information, assessing sensitivities and vulnerabilities, setting priorities, and developing new management approaches and tools. In this session we explore the implications of climate change to restoration work, and discuss how new conceptual frameworks could better guide efficient implementation. **Constance I. Millar, Chair USDA Forest Service, Sierra Nevada Research Center, PSW Research Station**

Fisheries Restoration Efforts in California.

California supports a diverse range of sport and commercial fisheries that have economic and societal importance to many communities. This session will highlight fisheries restoration programs from several regions of California, including those currently being implemented by federal, state, county, and city, tribal and non-profit entities. **Ross Taylor, Chair Principal, Ross Taylor & Associates**

Restoring Habitat for California's Sensitive Wildlife Species: Lessons on Integrating Restoration and Wildlife Ecology.

While restoration projects often seek to restore habitat for sensitive wildlife species, only a subset of such projects include ample collaboration between restoration designers and wildlife ecologists. We will cover the habitat requirements for a suite of sensitive wildlife species, the design strategies to restore target habitats, and lessons learned from implementation and monitoring. **Max Busnardo, Chair Senior Restoration Ecologist, H. T. Harvey & Associates**

Grazers and Grazing: Tools from Another Era for Use in Meeting Modern Landscape Management Objectives.

Vegetation management using herbicides, cultivation, and fire is easily accomplished in some landscapes, but landscape managers are hamstrung when adjacent land uses are incompatible with the use of those tools. We will explore the modern-day use of herbivores — in combination or not, with other landscape management tools — to meet management objectives that include restoration of native ecosystem functions, protection and enhancement of habitat for special-status species, and enhanced plant productivity and fire fuel suppression. **David Kelley, Chair Principal and President, Kelley & Associates Environmental Sciences, Inc.**

Environmental Advocacy: Developing Policy and Educational Outreach.

Land management agencies are typically responsible for restoration programs and activities. But how do environmental advocacy groups help ensure that the work gets done and the best results are achieved? And what happens when agencies don't have the capacity to do the work? Or things start to go wrong? This session will also explore the role of environmental education at all age levels and how getting people out on the landscape working to repair the wrongs of the past can be so powerful. **Lisa Cutting, Chair Eastern Sierra Policy Director, Mono Lake Committee**

SERCAL 2010 Abstract Submission Form

PLEASE READ all instructions **before** typing your abstract.

Submittal Deadline 1 February 2010

Abstract for: Paper Poster Both

The person **presenting** the paper is:

First and Last Name Affiliation Student? Yes

Daytime Phone Email

Mailing Address

Indicate the technical session(s) applicable to oral presentation in order of preference. This does not apply to posters.

Oral Presentation Needs: PowerPoint Projector Overhead Projector Slide Projector Other _____

Poster Presentation Needs: Table-top Easel

I understand that as a presenter, I will register for the conference in a timely manner at the presentation discounted rate.

Signed: _____ Date: _____

Email your abstract as a Word Document to smclark@lightspeed.net This completed form may be emailed with your abstract, faxed to 661.634.9540 or mailed separately as hard copy to **SERCAL 2009 Program Chair, 2701 20th Street, Bakersfield, CA 93301**

Poster Presentation

Posters will be displayed in the foyer of the Mountainside Conference Center, with setup no later than 9AM on Thursday, 20 May. Posters will be exclusively featured at a cocktail reception that evening before dinner and will include a contest with awards presented at Friday's lunch. Poster display will continue through the afternoon break on Friday, 21 May.

Poster space will not be pre-assigned. Placement will be on a first-come, first-served basis. Be sure to mark your submission form with a presentation preference of either an easel or table-top (with poster leaning against the wall). Notification of withdrawal from the Poster Session must be made to the SERCAL Conference Coordinator no later than Saturday, 1 May.

Poster abstracts must be formatted according to the specifications provided and must be accompanied by a completed Submission Form (above).

Your poster should (1) reflect and support the conference theme and technical sessions AND (2) be designed so that your audience will not require binoculars or a ladder to read it!

Information/Questions: Susan Clark, Conference Coordinator smclark@lightspeed.net or 661.634.9228

Poster Specifications

Dimensions and Mounting

Posters should be NO LARGER than 3 feet by 5 feet.

Rigid backing of some type (e.g., foam core, posterboard) must be used.

Type sizes

Title should be printed across the top of the poster in at least 84 pt. type

Author(s) and **affiliation(s)** should be at least 42 pt.

Subheadings should be at least 30 pt.

Text, including figures and tables, should be *no smaller than 24 pt.*

Layout

Text, figures, and tables should be arranged on the main board in a clear and logical sequence. Use numbers or arrows if necessary.

Preparation Tips

Posters should be easily read from 3 to 4 feet.

Each figure should have a one-line, large heading which communicates the main content of the figure.

The figure legend should contain information that would normally appear in the body of a manuscript.

A casual viewer of your poster should be able to understand it without having to read the legend.

Tables should follow the same general layout as figures.

Tables should be simple and contain no extraneous material.

For ease of viewing, try to convert any tables into figures.