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# Spring-run Chinook Salmon Symposium

3<sup>rd</sup> Annual

## July 10-12 in Nevada City

### Hosting Organizations

Salmonid Restoration Federation and South Yuba River Citizens League



**Salmonid Restoration Federation** was formed in 1986, to help stream and restoration practitioners advance the art and science of restoration. SRF promotes restoration, stewardship, and recovery of California native salmon, steelhead, and trout populations through education, collaboration, and advocacy. SRF hosts an annual Salmonid Restoration conference in a different region of California each year. SRF offers field schools in different bioregions of the state to teach restorationists, landowners, biologists, agency personnel, and watershed stewards technical restoration skills. Field schools highlight topics including bioengineering, road decommissioning and erosion control, and fish passage design and implementation as well as symposia focussed on Spring-run Chinook and coho salmon restoration techniques and recovery efforts.



**SYRCL:** Founded in 1983 to protect the South Yuba canyon from submersion under new reservoirs, SYRCL mobilized a citizens's movement that resulted in protection of 39-miles of the South Yuba through Wild & Scenic designation, which became state law in 2001. SYRCL's mission has since expanded to include the protection and restoration of the Yuba River and the greater Yuba Watershed. As we celebrate 25 years of successful river advocacy through community capacity-building, we carry a bold vision forward for the next 25 years. We envision a free-flowing Yuba River that supports wild salmon, trout, and other native fish in their ancestral waters. We envision a thriving Yuba Watershed rich in native biological diversity. And we envision a human community that cherishes and celebrates the Yuba's unique environmental, cultural, and spiritual heritage.

### Symposium Sponsors

Metropolitan Water District, National Marine Fisheries Service, PG&E, US Fish and Wildlife Service



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
U.S. DEPARTMENT OF COMMERCE



### With Additional Support From

Golden West Women Flyfishers, Granite Bay Flycasters, Tsi-Akim Maidu, and Yuba Docs



# Agenda

## Thursday, July 10—Symposium

**8–9:00am—Registration at Miner’s Foundry** (see address under Directions)

**9:00am—Welcome with Jason Rainey**, Executive Director, SYRCL  
**Symposium Chair: Dr. Lisa Thompson**, UC Cooperative Extension

**9:15–10:45am—Session: The Why & How of Recovering Spring-run Chinook Salmon**

- **Ecological Perspectives on Spring-run Chinook Salmon: Lessons Learned from the Klamath River**, **Mike Belchik**, Senior Fisheries Biologist, Yurok Tribe
- **Summary of the TRT’s Assessments of Central Valley Spring-run Chinook**, **John Williams**, Consultant and Technical Recovery Team Member
- **Update on the Recovery Plan for Central Valley Spring-run**, **Brian Ellrott**, NMFS Fisheries Biologist

**11:00am–12:30pm—Session: Status of Populations and Specific Recovery Opportunities for Central Valley Rivers**

- **Status and Recovery Efforts in Butte, Mill, and Deer Creeks**, **Clint Garman & Colleen Harvey-Arrisson**, CDFG
- **Status of Clear and Battle Creeks Spawning Populations**, **Matt Brown**, USFWS
- **Status of Yuba River Spring-run Population**, **Duane Massa**, CDFG Fisheries Biologist

**1:30–3:15pm—Session: Recovery Challenges**

- **Status of Feather River Spring-run Chinook Populations: the Influence of Management Strategies and Hatchery Production**, **Brad Cavallo**, Cramer Fish Sciences
- **Analytical Framework for Building Climate Change Resilience into Spring-run Chinook Protection and Recovery Strategies**, **Marissa Escobar**, UC Davis

**3:30–5:15pm—Late Afternoon Panel Discussion Groups** with Facilitators and Discussion Scenarios

- **Recovery through Habitat Expansion**  
Facilitator: **Steve Rotherth**, American Rivers  
**Chris Wilkinson**, Department of Water Resources, **Joshua Israel**, UC Davis, **Anthony Clemento**, NOAA Fisheries, **Gary Reedy**, SYRCL, **Paul Kubicek**, PG & E, **Brad Cavallo**, Cramer Fish Sciences
- **Recovery through Water Supply and Water Quality Improvements**  
Facilitator: **Jonas Minton**, Water Policy Analyst, Planning & Conservation League  
**Maria Rea**, National Marine Fisheries Service, **Ted Frink**, Department of Water Resources, **Monty Schmitt**, Natural Resources Defense Council, **Mike Berry**, CA Department of Fish and Game

**7:30–10:00pm—Thursday Evening Salmon Social** \$10, Special Presentations by *Calling Back the Salmon Committee* and the *Wild and Scenic Environmental Film Festival*, Complimentary Desserts and Non-alcoholic Beverages, No-host Bar

## Friday, July 11—Field Tours

**8:00am—Field Tours Meet** at Nevada City Veteran’s Hall (see address under Directions.) Be on time for light breakfast and self-pack lunch

**9:00am—Field Tours Depart** (Note: these field tours are offered concurrently from 9:00am to 5:00pm)

1. **Float the Yuba River from Hammon Grove to below Daguerre Point Dam** This rafting tour will provide uniquely rich perspectives on the riverine impacts of past dredger mining, and opportunities for habitat restoration, as well as the fishery impacts of Daguerre Pt Dam and associated diversions. Tour Leader: **Gary Reedy**, SYRCL. Co-leaders may include representatives from CDFG, USFWS, and NMFS
2. **Bear-Feather Floodplain Set-back Project by way of the Lower Yuba** This trip will provide a driving and walking tour of the extremely limited floodplain habitat of the lower Yuba River, and historical and geomorphological context. The main stop will be at the site of the largest floodplain setback project yet in California with salmon in the design intent. Workshop-style discussions of floodplain restoration for salmonid habitat will be grounded in the lessons of this site. Tour Leaders: **Eric Ginney**, Phillip Williams and Associates and **Katrina Schneider**, SYRCL

**8:00pm—KVMR’s 30<sup>th</sup> Anniversary/Birthday Party** discount tickets will be made available to Symposium Registrants for Special Music Entertainment at Miner’s Foundry

## Saturday, July 12—Field Tours

**8:30am—Tours Meet** at SYRCL (see address under Directions)

1. **Snorkeling Investigations of the South Yuba River Temperature/Trout Relationships** Riverside Workshop Topic: Trout as a Surrogate for Spring-run when Planning for Reintroduction. Tour leaders: **Gary Reedy**, SYRCL and **Dr. Lisa Thompson**, UC Cooperative Extension
2. **Restoration thru Relicensing Driving Tour of Bowman-Spaulding, Canyon Creek, and Washington on the South Yuba River** Tour Leader: **Jason Rainey**, SYRCL. Co-leaders may include representatives from CDFG, PG&E, and the Nevada Irrigation District

## Directions to Spring-run Salmon Symposium

**Symposium: Miner’s Foundry**, 325 Spring Street, Nevada City, CA 95959

**Friday Field Tours: Veteran’s Hall**, 415 N. Pine Street, Nevada City, CA 95959

**Saturday Field Tours: SYRCL**, 216 Main Street, Nevada City, CA 95959

To get specific directions from your departure point, please visit [www.mapquest.com](http://www.mapquest.com) or [www.maps.yahoo.com](http://www.maps.yahoo.com)

# Save-the-Dates

## SYRCL Save-the-Date:

### SYRCL Soleil

a FREE all day event to celebrate our 25th anniversary—music, food, beer garden, kids’ activities, special guests, and more!  
1pm –7pm at Pioneer Park in Nevada City.

For more information, please call (530) 265-5961 or visit [www.syrcl.org](http://www.syrcl.org)

## Salmonid Restoration Federation Upcoming Educational Events

### September 26-28 Coho Confab on the Smith River

SRF, Trees Foundation, Smith River Advisory Council, and the Smith River Alliance will host the 11<sup>th</sup> Annual Coho Confab featuring tours of Mill Creek restoration projects, road decommissioning and fish passage projects, underwater fish identification, macro-

invertebrate sampling, native plant revegetation, and instream structures. Participants can explore the South Fork of the Smith River, Redwood Parks, and Yontucket Slough and the estuary. Fee \$100–125, includes all food and camping. Limited scholarships and work trade positions are available.

### October 20-23 Bioengineering Field School in Santa Barbara

SRF, with the support of the Department of Fish and Game, will sponsor a Bioengineering Field School on the Central Coast. Instructor Evan Engber, of Bioengineering Associates, will teach techniques to restore riparian habitat, control erosion, and stabilize banks. Participants will tour projects in San Luis Obispo and Santa Barbara counties and learn how to build willow mattresses and live siltation baffles.

### March 4-7, 2009 27<sup>th</sup> Annual Salmonid Restoration Conference in Santa Cruz

For more info, please call (707) 923-7501 or visit [www.calsalmon.org](http://www.calsalmon.org)