



SRF 3rd Steelhead Summit Agenda

December 3-5, 2018, Ventura, CA

Conservation Strategies for Steelhead Recovery



Symposium at Santa Fe Room, Clocktower Inn



Steelhead Photo: Mark Capelli, NOAA Fisheries

Monday, December 3

8:30-9am **Registration**

9am **Orientation Presentations**

The Origins of Life History Variation in *Oncorhynchus mykiss*,
John Carlos Garza, PhD, Southwest Fisheries Science Center, NOAA Fisheries

**Implementing Risk Mitigation Strategies to Protect Vulnerable Native
O. mykiss Populations in Southern California,** Sandra Jacobson, PhD, CalTrout

10:30am **Coastal Monitoring and Limiting Factors for Steelhead: Status,
Challenges, and Opportunities Presentations and Panel Discussion**

The Current Status of Southern California Steelhead Monitoring, Kyle Evans, CDFW

Abundance and Distribution of Steelhead in the Santa Monica Bay, Rosi Dagit, Santa Monica Mountains RCD

Steelhead Monitoring in the Santa Ynez Watershed, Tim Robinson, Cachuma Operations and Maintenance Board

Noon-1:00pm **Lunch**

1:00-3:00pm **Drought, Fire, and Floods — Adapting to a New Era of Climate Change**

Southern California Steelhead Fire Regime: Landscapes and Life-Cycles, Mark Capelli, PhD,
Southern California Steelhead Recovery Coordinator, NOAA Fisheries

Effects of the Thomas Fire on *Oncorhynchus mykiss* and Stream Communities of the Los Padres National Forest,
Kristie Klose, PhD, Forest Fisheries Biologist

Balancing Habitat and Public Safety for Future Conditions, Pam Lindsey, Watershed Ecologist,
Ventura County Watershed Protection District

Fire and Flow Forum; A Stakeholder Response to Rise of Climatic Threats in Southern California Watersheds,
Stacie Smith, NOAA Restoration Center

3:15pm **Instream Flow Needs for Improving Steelhead Recovery**

**Environmental Engagement in Groundwater Sustainability Agencies to Protect Groundwater Dependent Ecosystems
and Steelhead as Beneficial Users,** Candice Meneghin, Friends of Santa Clara River

Creative Water Transactions to Enhance Streamflow, Tom Hicks, JD, Hicks Law

**Moving Into Action: Finding Real Solutions for Fisheries and Communities
in Ventura County,** Regina Hirsch, Watershed Progressive

Restoration in an Era of Climactic Extremes, Mauricio Gomez, South Coast Habitat Restoration

Tuesday, December 4 Full-Day Concurrent Field Tours (9am -5pm)

Santa Monica Bay Steelhead Road Trip

Field Tour Coordinator: Rosi Dagit, Senior Biologist, Santa Monica
Mountains Resource Conservation District

This tour will visit the lifecycle monitoring site at the restored Rodeo Grounds in lower Topanga State Park, and then head down to Topanga Lagoon, to discuss on-going restoration planning. From there, participants will go to the overlook to see Rindge Dam on Malibu Canyon Rd., and discuss the removal plans, then head back to the ocean to visit the restored Malibu Lagoon and walk out to Surfrider Beach. On the way back to Ventura, the tour will stop to look at the bridge replacement and pending lagoon restoration at Trancas Creek.



Mailbu Lagoon Photo by Rosi Dagit



Rindge Dam Photo by Rosi Dagit

Concurrent Field Tours

Impacts to the Southern Santa Barbara County Steelhead Streams by the Thomas Fire and Debris Flows Field Tour

Tour Coordinators: *Tim Robinson, Cachuma Operations and Maintenance Board and Mauricio Gomez, South Coast Habitat Restoration*

The devastating Thomas Fire in December 2017 and subsequent debris flows in January 2018 negatively impacted riparian and steelhead habitat in the Santa Barbara and Ventura Region. On this field tour, we will visit creeks in Santa Barbara County and see the impact that occurred and the recovery to date. The tour will stop at various locations in Carpinteria and Montecito.

Addressing Fire Impacts, Water Resiliency while Enhancing Instream Flows in Upper Ventura Watershed

Tour Coordinators: *Regina Hirsch, Watershed Progressive, and Kyle Evans, California Department of Fish & Wildlife*

This tour will begin by exploring the habitat above Matilija Dam and move downstream to the Ojai valley. The field tour will visit reduced consumptive use and efficiency projects to enhance instream flows in the Ojai Valley. Tour will showcase the hydrogeology of the Ojai Valley and how surface and groundwater restoration projects are aligning partnerships.



Cold Springs Creek debris basin looking upstream.
Photo by Morgan Jones, County of SB

Wednesday, December 5 — Concurrent Full-Day Workshop or Tour

Flow Enhancement and Water Rights Workshop

Matt Clifford, JD, California Water Project, and Tom Hicks, JD, Hicks Law

This workshop will provide an overview of streamflow restoration in coastal California. Part I will be a crash course in the basics of California water law. Part II will provide an overview of various types of projects that are being used to enhance dry season streamflows. Part III will discuss several current policy challenges that have emerged in the course of streamflow restoration work, and potential solutions. Audience participation will be encouraged throughout the day.

Limiting Factors—Fish Passage Barriers and Drought Conditions in the Lower Santa Ynez River and Gaviota Coast Tour

Tour Coordinators: *Tim Robinson, Cachuma Operations and Maintenance Board, and Mauricio Gomez, South Coast Habitat Restoration*

This tour will visit two creeks in each of the Lower Santa Ynez River (LSYR) basin and the Gaviota Coast (GC) where extensive efforts are ongoing or in planning for fish passage and habitat restoration for the endangered southern steelhead. Current project managers will describe the restoration objectives and projects in Hilton and Quiota creeks (two that are near completion) in the LSYR area and Gaviota and Arroyo Hondo creeks on the GC. These creeks are some of the remaining strongholds for steelhead in a region under critical drought conditions.



Quiota Creek Crossing 5 ConTech bridge installation on 8/28/18.
Photo provided by COMB Fisheries Division staff

Logistics: The symposium and Wednesday workshop will be held at the Clocktower Inn at 181 E. Santa Clara St., Ventura, CA 93001. Field tours will depart from the Clocktower at 9am and return by 5pm.

Registration Form

Name: _____ Full Address: _____
 Phone: _____ Email: _____
 Affiliation (if applicable): _____
 Credit Card: _____ Exp date: _____

Late registration is \$225. Fees includes the symposium, field tours, and lunches.