PARTNERSHIPS BOLSTERING IMPLEMENTATION OF NATIONAL MARINE FISHERIES SERVICE SOUTHERN STEELHEAD RECOVERY PLAN
Southern California
NMFS Southern CA Steelhead Recovery Plan

- Characterizes steelhead biology and ecology
- Describes factors leading to federal listing
- Provides a threats assessment
- Projects climate change impacts in relation to recovery
- Employs research, monitoring, and adaptive management
- **Identifies recovery strategy and actions**

Final recovery plans can be downloaded from the NMFS website:
http://www.nmfs.noaa.gov/pr/recovery/plans.htm
Extent of Southern Steelhead Population (CA)
Steelhead recovery status

What’s working?

- Champions arising
- Funding
- Multi-benefit improvements

What’s not working?

- Lack of agency alignment
- Fear stagnates process
- Inflexible funding/permitting
What can be done to help bolster implementation of the recovery plan?

- **Education**
- **Aligning Agency Partners**
- **Enforcement**
- **Funding Strategies**

*Multi-Agency Agreements Aligned with Funding*
Malibu Creek Ecosystem Restoration Moving Forward

Existing Condition

Future Condition
Integrating NMFS Southern Steelhead Recovery Plan with IRWMPs

- Stream restoration in the Santa Margarita River drainage, including assessment of limiting factors for Steelhead, habitat restoration projects to include invasive removal, in-stream and riparian restoration to provide habitat, BMPs and water quality monitoring.
Recovery Plan leverages multiple funding sources toward implementing watershed goals.

- Completed Watershed Assessment
- Addressing TMDLs
- Promoting Water Quality and Water Conservation
Trabuco Creek Multi-Benefit Channel Improvements

Stabilize Channel

Improve Water Quality

Recover Species

Top Priority Steelhead Recovery, Trabuco Creek
Orange County, CA
Trabuco Creek Multi-Benefit Improvements Partnership Process

Implementing the San Juan and Trabuco Creeks Steelhead Recovery Watershed Management Plan

Funding

Agreement

Trout Unlimited

[Images of fish and watershed management plans]
Steelhead Recovery Benefits Southern California Watersheds and Communities

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