



California Fish Passage Forum

Steering Committee Meeting
November 7 & 8, 2023

Meeting Agenda, Tuesday, November 7th

8:45	Welcome & Introductions <i>Sandi Jacobson, CalTrout</i>
9:00	Forum Signatory Updates (5min/signatory) <i>All Forum Designees</i>
9:45	Forum Administration & Website Tour <i>Lead Person, Lead Person Role + Organization</i>
10:30	BREAK
11:00	Committee Work Plan & Progress Updates (10min/committee) <i>Committee Chairs</i>
11:45	NFHP Updates <i>Holly Steindorf, Coordinator, Jason Olive, USFWS</i>
12:15	Finalize 2023-25 Strategic Plan <i>Holly Steindorf, Coordinator</i>
12:45	Updates on PAD, FISHPass, and National Barrier Prioritization Tool <i>Holly Steindorf, Coordinator, Anne Elston, PAD Manager</i>
1:15	LUNCH

Meeting Agenda, Tuesday, November 7th

2:15	Project Presentation: Fish Passage at Sulphur Creek on Napa River <i>Pat Samuel, CalTrout</i>
2:45	The Forum's Role in Leveraging BIL Funding <i>Sandi Jacobson, CalTrout, Bob Pagliuco, NOAA, Invited Federal Agencies</i>
4:30	Wrap Up/ Preview of Field Tour <i>Holly Steindorf, Coordinator</i>
4:45	Adjourn
6:30	Group Dinner <i>Ristorante Riviera, 75 Montgomery Dr, Santa Rosa, CA 95404</i>



California Fish Passage Forum

Signatory Agency Updates

USDA Forest Service News and Announcements



Holly Eddinger *Governance, S&D, and P&P Committee Member*
USDA Forest Service
Pacific Southwest Region (R5)
Regional Fisheries & Aquatic Species Program Leader

Highlight: National Keystone Agreement with Trout Unlimited

- Funding with TU across the FS include:
 - ~ \$7 million with BIL funds signed in 2022
 - ~ \$33 million with IRA funds just signed in July 2023.
- For Region 5 funding includes AOP, improving watershed health and habitat, and streamflow for resident salmonids:
 - Three Forests (Inyo, Lassen, Sierra) funded for \$270,000 BIL funds in the agreement
 - Seven Forests (Inyo, Lassen, Mendocino, Plumas, Sequoia, Sierra, Tahoe) funded for \$1.1M in the agreement



USDA Forest Service

Highlight: National AOP Dashboard and Map Viewer

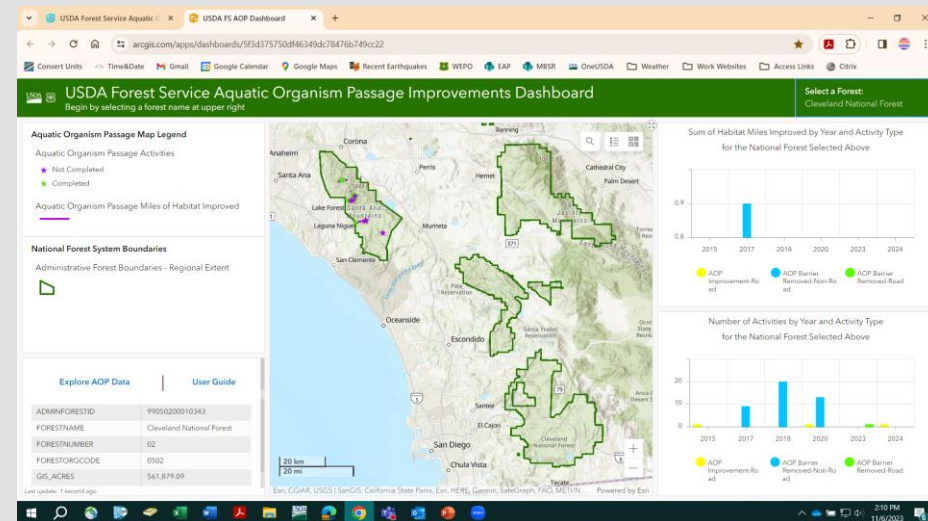
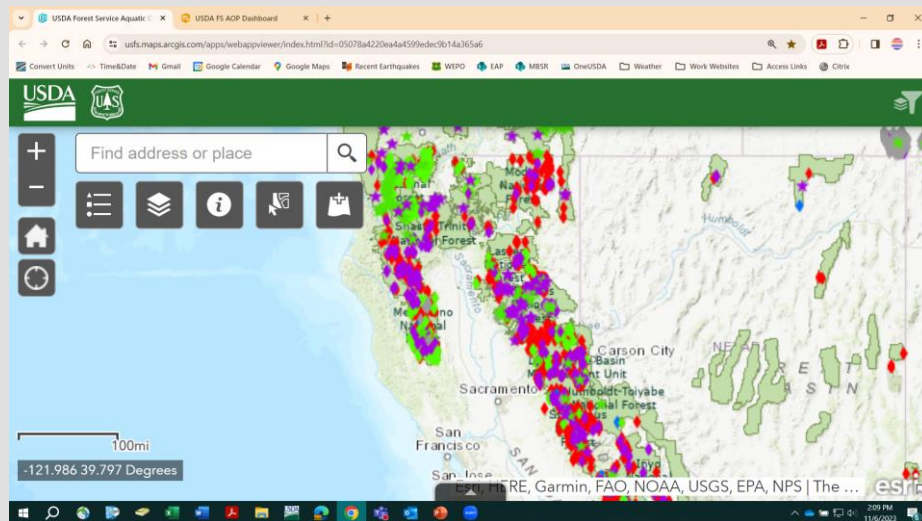
Description: The AOP Dashboard and Map Viewer tools are available to the public:

AOP Dashboard:

<https://www.arcgis.com/apps/dashboards/5f3d375750df46349dc78476b749cc22>

AOP Map Viewer:

<https://usfs.maps.arcgis.com/apps/webappviewer/index.html?id=05078a4220ea4a4599edec9b14a365a6>





USDA Forest Service

Highlight: Collaborative Aquatic Landscape Restoration – Multi-year Funds Cleveland National Forest

Description: The Infrastructure Investments and Jobs Act established the Collaborative Landscape Restoration Program (<https://www.fs.usda.gov/managing-land/natural-resources/collaborative-aquatic-landscape-restoration>) for \$25.5 million for eleven projects FY23 – FY26. Region 5 received 2.67M in CALR funds for a multi-year fish passage, watershed restoration project on the Cleveland NF (<https://www.fs.usda.gov/project/cleveland/?project=37415> ; Project Leader: Kirsten Winters (kirsten.winter@usda.gov – Forest Biologist). The CALR funds build on the work done since 2014 with several partners, including dam removal and bridge construction. Partners have included Federal Highway Admin, Caltrans, Orange County, US Fish and Wildlife Service, US Marine Corps, and State Prop 84 funds.

Highlights:

- Trabuco and Holy Jim creeks are key spawning areas for Southern Steelhead. The restoration plan will restore fish passage on 4 miles of streams that have culverts that block AOP.
- The current culvert crossings are undersized and have a history of washing out in flood events. New bridges will restore fish passage and will make the road passable in all weather.
- Trabuco Creek road and Holy Jim road also have a history of washing out in storms. The completed dam removal work and the new bridges will allow larger stream flows, protecting the road from washing out. These activities will protect, maintain, or improve protection of water and soil resources, improve watershed health, and increase resilience to floods, fires, and drought.

US Department of Fish and Wildlife News and Announcements



Tim Loux Governance and S&D Committee Member
Dan Gale USDFW Alternate

PSMFC

News and Announcements



Stan Allen Governance Committee Member

Van Hare S&D Committee Member

Anne Elston E&O, and S&D Committee Member,
PAD Manager

Neal Scheraga S&D Committee Member, PAD
Support

- PAD Updates
- Administrative Support

PSMFC Projects Funded/Underway

California Passage Assessment Database (PAD) QA/QC, Updates, Enhancement, Maintenance

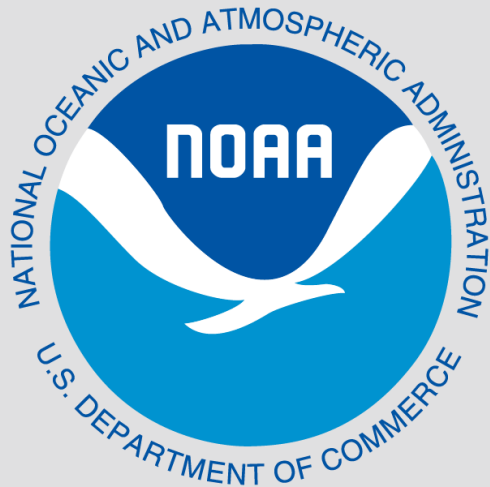
- The Passage Assessment Database (PAD) “QA/QC” Plan is being implemented. Current focus is Bay Area and part of Central Valley within CDFW Regions 2-3.
- PAD was last updated end of August/September (on BIOS)

Administrative Support, Project Contracting, Budget Management

- Support with Forum Technical Ops (Website Hosting, Mailchimp and JotForm Account, etc)
- Maintain and Share Forum Operational Budget
- Handle Most Subcontracts for Forum- Funded Projects
- Stan is our NFHP “Buddy”, acts as support, relays information from NFHP Board

NOAA NMFS

News and Announcements



NOAA
FISHERIES

Bob Pagliuco Governance Committee Chair

Ruth Goodfield E&O Committee member

- Funded BIL Projects Round 1
- Funding Opportunities Round 2
- New Hires at the Restoration Center

Additional Resources - Bipartisan Infrastructure Law and Inflation Reduction Act

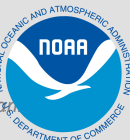
Approximately **\$891 million** over 5 years of BIL funding:

\$491 million for habitat restoration

\$400 million for fish passage, with up to 15 percent reserved for tribes

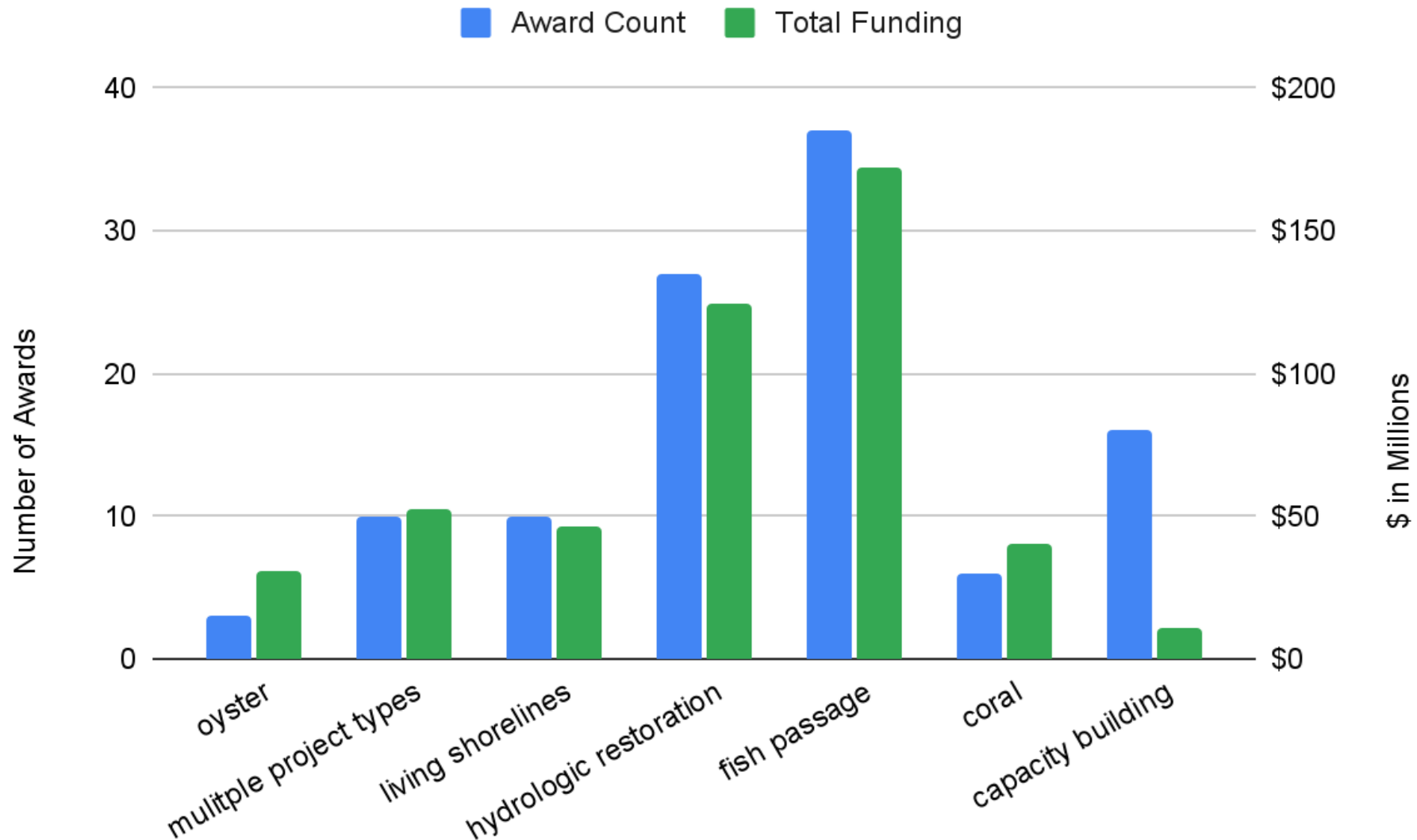
Additional **\$484M** of IRA funding

At least three rounds of funding competitions - Fish Passage; Tribal Fish Passage; Transformational Habitat Restoration; Tribes & Underserved Communities



NOAA
FISHERIES

Types of Habitat Restoration Projects Funded

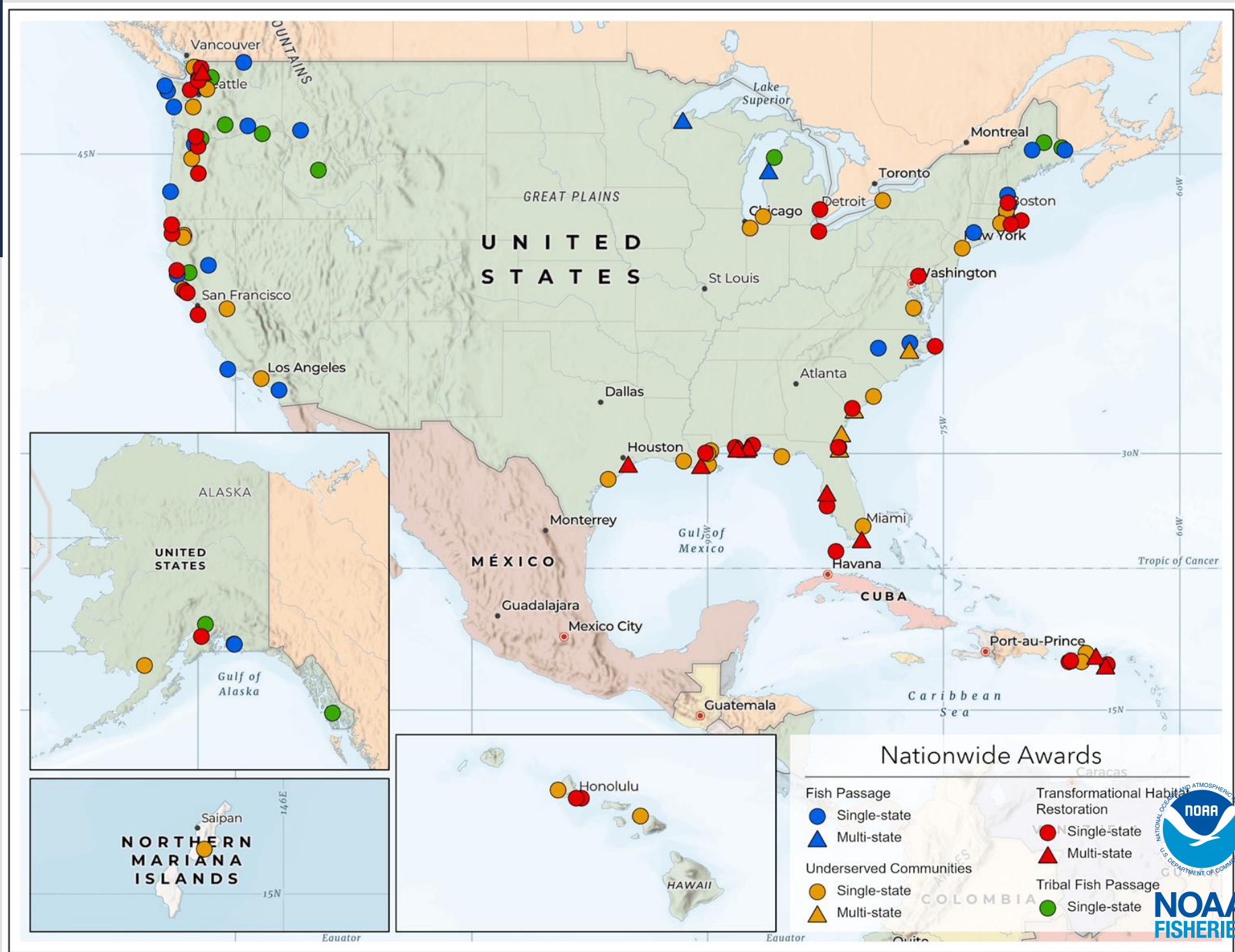


Projects in Round 1

109 Awards

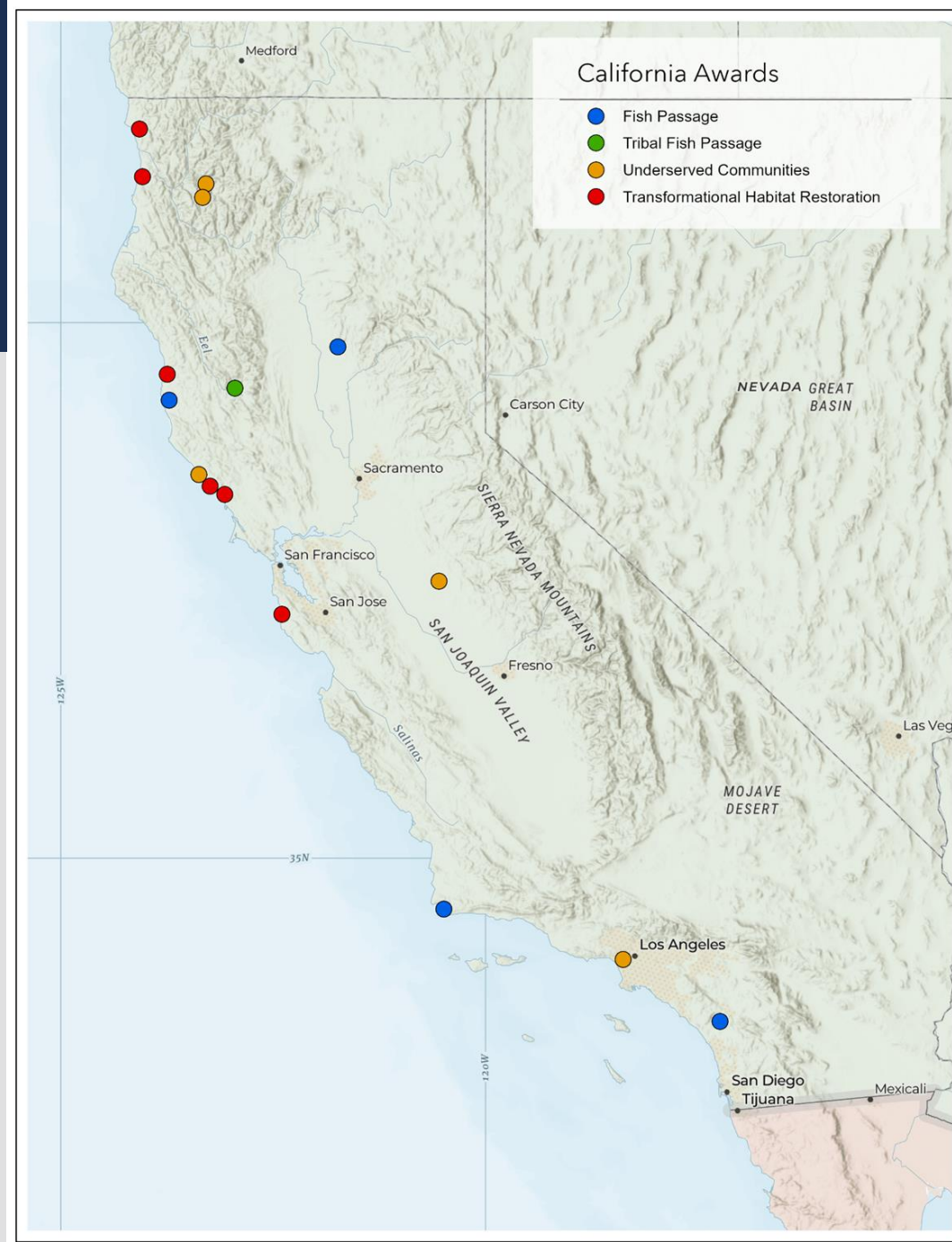
\$480M

See project list on our website: fisheries.noaa.gov/habitat-BIL-IRA



California Specific Projects in Round 1

16 California projects



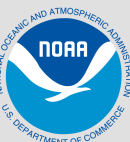
NOAA
FISHERIES

NOAA Restoration Center New Hires

Arcata - 1

Santa Rosa - 3

Long Beach - 1



NOAA
FISHERIES

Whats Next? Get Ready for Round 2!

Four Competitions:

- National Fish Passage
- Tribal Fish Passage
- Transformational Habitat Restoration
- Habitat Restoration for Tribes and Underserved Communities

Each incorporates feedback from Round 1 including larger caps on projects and greater tribal emphasis

Will discuss Part 2 this afternoon at BIL Funding Roundtable



**NOAA
FISHERIES**

Signatory Agency: State Parks

News and Announcements



Emily Siegel Co-Chair Science & Data Committee
Gena Lasko Co-Chair Science & Data Committee

- 5 District Workbooks Completed
- Parks Teams using PAD
- Fish Passage Working Group
- Addressing erosion from roads and trails in watersheds



Signatory Agency: State Parks Fish Passage Projects Funded/Underway

Big River Dry Dock Alcove Habitat Enhancement Fish Passage Project, Mendocino Headlands SP, Mendocino, CA PAD#: 730587

Description: Re-establishes 0.76 miles of stream and alcove habitat. Biologists re-located 812 fish and amphibians from the project area. Abiotic and biotic monitoring will continue for two years.

Status: Completed. DPR, Trout Unlimited, Mendocino Conservation District, and other partners. \$1.45 million in FRGP funds and additional funds from NOAA.

State Parks Fish Passage Projects Funded/Underway



Dry Dock Before (L)



and After (R)



Signatory Agency: State Parks Fish Passage Projects Funded/Underway

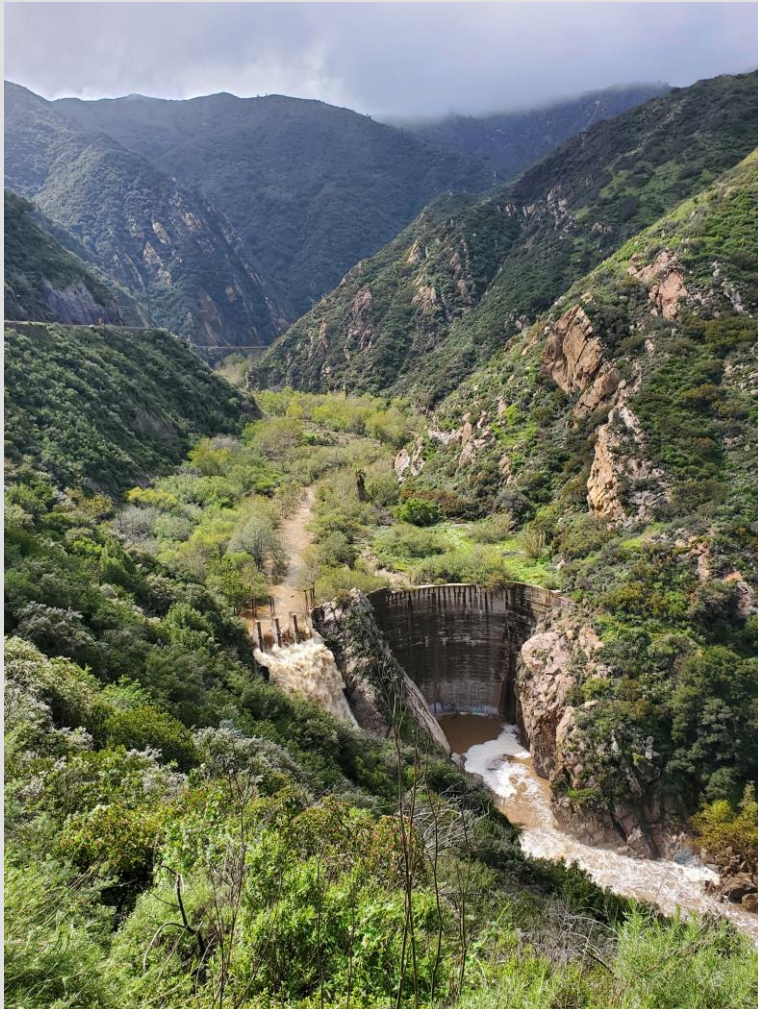
Malibu Creek Ecosystem Restoration Project, Malibu Creek State Park, Malibu, CA, PAD#: 706034

Description: Planning project - 90% design and permitting for removal of Rindge Dam and modification/removal of 8 upstream barriers.

Status: Technical investigations, steelhead monitoring, and H&H/sediment transport modeling underway. Nov '24 – 65% design for US barriers. Aug '25 – 35% design for dam and 90% for US barriers. March '26 – 90% design for dam removal.

State Parks Fish Passage Projects Funded/Underway

Malibu Creek Ecosystem Restoration Project, Malibu Creek State Park, Malibu, CA, PAD#: 706034



(L) Rindge Dam
(R) Upstream barriers

Department of Water Resources News and Announcements



Theo Claire
Josh Black

- Big Notch at Fremont Weir Project Update
- Hosie Low-Water Crossing on Mormon Slough Project Update
- Riverine Stewardship & Urban Streams Restoration Programs: Funding Available!



Signatory Agency: Department of Water Resources Fish Passage Projects Funded/Underway

Big Notch, Yolo Bypass, Yolo County, PAD#: 704,343

Description: Fish passage notch cut into Fremont Weir restores access to 40 mi floodplain habitat and reduces stranding of Chinook Salmon and Green Sturgeon in the Yolo Bypass during flood events.

Status: Under Construction. DWR and USBR anticipate project completion by November 2024.

Hosie Low-Flow Crossing, Calaveras Watershed, Stockton County, PAD#: 763,511

Description: Restoring connectivity across low-water crossing by adding large box culvert bridge

Status: Construction complete October 2023. Funded by San Joaquin Fish Passage Enhancement Program (Prop 68). Collaboration with Stockton East Water District.

Riverine Stewardship Program & Urban Stream Restoration Program, Statewide

Description: RSP funds fish passage projects; USRP funds community-based stream restoration

Status: Applications Open: funding available

DWR Fish Passage Projects Funded/Underway

Big Notch, Yolo County, PAD#704,343

USBR and DWR are partnering to reconnect floodplain habitat and improve fish passage at Fremont Weir.

Adult salmon and sturgeon on their way upstream are often attracted into the Bypass after an overtopping event. Without the project, the fish become stranded nearly 40 miles upstream in the Bypass when the river later drops. This project creates additional exit opportunities by improving connectivity within the Bypass and between the Bypass and Sacramento River when the river stage allows.



DWR Fish Passage Projects Funded/Underway

Hosie Low-Water Crossing Replacement, Stockton County, PAD#763,511

The Hosie Low-Water Crossing was identified as a barrier on Mormon Slough in the 2007 Calaveras River Fish Migration Barriers Assessment Report. DWR and Stockton East Water District designed and constructed a replacement crossing structure with adequate passage. Construction complete October 2023. This is the first of four replacements on Mormon Slough; subsequent work on other barriers will continue through 2025.



DWR Fish Passage Projects Funded/Underway

Riverine Stewardship & Urban Streams Restoration Program: Funding Available

RSP: \$5.5 million in Prop 13 funding available, prioritizes fish passage, green infrastructure, drought and climate resilience

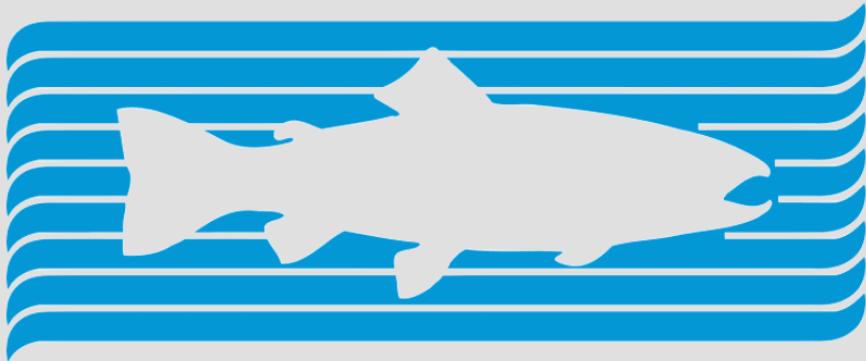
USRP: \$4.35 million in General Funds available, prioritizes disadvantaged community involvement, erosion and flood control, stream restoration



CalTrout

News and Announcements

CALIFORNIA TROUT



FISH · WATER · PEOPLE

Sandra Jacobson (South Coast and Sierra Regional Director, CA Fish Passage Forum chair)

Darren Mierau (North Coast Regional Director),
alternate

CalTrout staff also contributing to fish passage updates.

- Damon Goodman, *Director Shasta Region*
- Holly Swan, *Project Manager, Chico office*
- Ada Fowler, *Sr. Project Manager, Shasta office*
- Pat Samuel, *Director Bay Area*
- Claire Buchanan, *Sr. Project Manager, Bay Area/South Central Coast office*
- Russell Marlow, *Sr. Project Manager South Coast, Ventura office*
- Charlie Schneider, *Project Manager, Lost Coast*

CalTrout Fish Passage Projects Funded/Underway

Santa Margarita River Fish Passage and Bridge Replacement, Fallbrook, CA (San Diego County) PAD#: 718615

Removal of last barrier in mainstem in perennial So Cal river prioritized for endangered steelhead recovery, restores access to 12 mi historical spawning and rearing habitat.

Status: Funding of \$21M secured for implementation; construction started January 2023, in re-design to pivot alignment due to cultural findings. Target completion date June 2025.

Harvey Diversion Barrier Removal, Santa Paula Creek – tributary to Santa Clara River, PAD#: 705338

Removal of total fish passage barrier in high priority steelhead recovery river; restore and stabilize channel with grade control structures, with infiltration gallery

Status: Completion of 65% design. Moving to final design and initial permit application preparation and submittal pending award of NOAA grant in summer 2024

Rose Valley Lakes Ecosystem Restoration and Barrier Removal, Sespe Creek drainage - Rose Valley Creek tributary, PAD#: 723794, 707665, 723793

Ecosystem level restoration to restore Rose Valley Creek and remove three barriers in the Sespe Creek drainage.

Status: Project design team delivered 90% design plan in Oct 2024, initial permit application submission Nov 2023. Final Design delivery in Mar 2024, proceeding to Implementation in Summer 2025

CalTrout Fish Passage Projects Funded/Underway

15 and Metrolink Barrier Removal in Trabuco Creek, Orange County PAD#: 706807 (I-5), 706810 (Metrolink)

Remediation of two adjacent total barriers in the high priority steelhead recovery river in San Juan Creek watershed via design of technical hydraulic fishways that provide flood conveyance, grade stabilization and fish passage.

Status: In final design and permitting, fund raising for implementation underway, targeting 2025 start.

Little Shasta Streamflow Enhancement Opportunities Assessment, Little Shasta River PAD#: 758262

Replace diversion and improve passage at Musgrave flashboard dam.

Status: First phase of planning project.

Mill-Shackleford Creek Fish Passage Restoration PAD#: N/A

Removal of a partial barrier to salmonids caused by a seasonal low water crossing and unimproved ford. Opened over a mile of habitat. Replaced with a 66ft free span heavy-load rated bridge, designed to pass 100-year peak discharge. Riparian planting also completed.

Status: Completed, Fisheries and macroinvertebrate monitoring being conducted.

CalTrout Fish Passage Projects Funded/Underway

Scott-Bar Mill Creek Fish Passage Project PAD#: 764929

This project will re-open 3 miles of anadromous habitat in Mill Creek, a perennial tributary of the Scott River in the Klamath watershed near the town of Scott Bar. Mill Creek was historically anadromous habitat for coho salmon, steelhead and other fishes. This project will replace a cement weir and low ford crossing with a full span bridge and regraded channel. The downstream channel will also be re-aligned to further improve access for fish to Mill Creek.

Status: Funded by WCB, FRGP, USFWS. Implementation will occur in Summer 2023.

Big Mill Creek East Fork Sediment Reduction and Habitat Restoration Project PAD#: 707148

Description: Planning and designs to remediate a 10' CMP perched by 8+ feet which currently blocks over 2 miles of cold-water anadromous salmonid habitat on Big Mill Creek, tributary to the East Fork of the Scott River. This is a CalTrans crossing on Highway 3. Project work also involves channel rehabilitation and sediment reduction designs.

Status: Assessment and 65% designs. Work will conclude by June 2024.

CalTrout Fish Passage Projects Funded/Underway

Lower French Creek Fish Passage Assessment PAD#: N/A

Description: Conducted a fish passage assessment on lower French Creek, a critical SONCC rearing and spawning tributary to the Scott River. Designs will remediate sedimentation and resulting thermal barriers to fish passage.

Status: Assessment completed; 65% designs will be completed by September 2022.

Battle Creek – Eagle Canyon Fish Passage – tributary to the Sacramento River, Tehama & Shasta County, PAD# 737659

Description: Alleviation of barrier by reconfiguring rock fall using a stream simulation design approach.

Status: Success! Fish passage has been restored to more than 8 miles of high-quality spring-fed habitat in Battle Creek. This project benefited one of the world's most endangered ecotypes of anadromous salmon – winter-run Chinook salmon.

[Video link: Battle Creek – Eagle Canyon Fish Passage Project | California Trout \(caltrout.org\)](#)

CalTrout Fish Passage Projects Funded/Underway

Lower French Creek Fish Passage Assessment PAD#: N/A

Conducted a fish passage assessment on lower French Creek, a critical SONCC rearing and spawning tributary to the Scott River. Designs will remediate sedimentation and resulting thermal barriers to fish passage.

Status: Assessment completed; 65% designs will be completed by September 2022.

Big Chico Creek – Iron Canyon Fish Passage – tributary to the Sacramento River, Butte County, PAD# 735085

Alleviation of barrier by removing defunct fish ladder and reconfiguring rock fall using stream simulation design approach. Will restore 8.5 miles of cold-water habitat for spring-run Chinook salmon, steelhead, and other non-game native fish.

Status: Funding secured through NOAA Restoration Center's Community-Based Restoration Program. Currently in design/permitting phase with 30% design set to be completed by Spring 2024. Concurrently, completing technical documentation for environmental permitting and exploring streamlined permitting pathways.

[Video link: Big Chico Creek – Iron Canyon Fish Passage Project | California Trout \(caltrout.org\)](#)

CalTrout Fish Passage Projects Funded/Underway

Big Chico Creek – One Mile Dam and Five Mile Dam – tributary to the Sacramento River, Butte County, PAD# 704194 and 704198

Install temporary streamflow diversion and dewater channel; use heavy equipment to remove 800 cu yds of concrete; restore stream channel to enable fish passage; remediate site with riparian vegetation.

Significance: Very high priority; Cedar Creek contributes a disproportionate volume of cold water to the South Fork Eel River, has little development (BLM Ownership), and other barriers (CalTrans Hwy 101) already remediated.

Status: Completed.

North Coast Update:

Passage analysis ongoing as part of the Coastal Conservancy's development of the Great Redwood Trail, using (in part) the NWPCo passage inventory conducted by CalTrout and Ross Taylor.

CalTrout Fish Passage Projects Funded/Underway

Sulphur Creek Fish Passage Improvement Project*, PAD#: 765069

Removal of defunct Alaska steep pass fishway, grade control and channel stabilization, and bridge repair/retrofit

Status: 90% Designs completed.

***Presentation at this Forum Steering Committee will go into more detail.**

Sunol Valley Fish Passage Project, Alameda Creek, PAD ID #700009

Top priority barrier removal; complements the decades of barrier removal work in the Alameda Creek watershed and will open up 20+ miles of habitat Project includes: completely removing a concrete erosion control mat protecting a major PGE gas pipeline that creates a barrier at most flows, burying the pipeline 17+ feet, regrading, and revegetating the creek.

Status: 65% design for civil and revegetation, 90% design for pipeline burial, Implementation Planned for June 2025

CalTrout Fish Passage Projects Funded/Underway

Potter Valley Project, Eel River, Cape Horn Dam PAD ID #719934, Scott Dam PAD ID # 718757

FERC-licensed hydropower project. PG&E has let its license to operate the Project lapse and is seeking to surrender its license and decommission the project. Cape Horn Dam fish ladder does not meet current fish passage standards. Scott Dam blocks access to 89 miles of Chinook habitat; and 288 miles of steelhead habitat

Status: PG&E will be providing an initial draft decommissioning plan in November, expected to include the removal of both dams

Final license surrender and decommissioning plan due January 2025

PG&E has suggested dam removal could begin as soon as 2028

Trout Unlimited News and Announcements



Anna Halligan, Forum Vice Chair, Governance, and P&P Committee Member

Natalie Stauffer-Olsen E&O Committee Member

- Projects with 2023 Implementation
- Projects in Design

Trout Unlimited Fish Passage Projects Funded/Underway

2023 Project Implementation

Dry Dock Gulch Fish Passage Improvement (Big River Watershed) - 0.76 miles

Potrero Creek Culvert Replacement (Carmel River Watershed) – 2.0 miles



Trout Unlimited Fish Passage Projects Funded/Underway

Fish Passage Design

- Arroyo Seco River Concrete Ford Fish Passage Alternative Design Project – Sycamore Flats (Salinas River Watershed) – 6 miles
- Little Arthur Dam Removal Project (Pajaro River Watershed – 3 miles
- Little Sur River Fish Passage Dam Removal Alternative Design Project - Pico Blanco Dam – 10 miles
- Jackass Creek Culvert Replacement (South Fork Kern River Watershed) – 2 miles
- Rail Dump Gulch Fish Passage and Off Channel Design (Big River) - 0.5 miles
- Soda Creek Fish Passage and Off Channel Design (Navarro)- 2.6 miles

Forum Administration

Forum Budget Update

Forum Administration

- Forum Budget Update *Sandi Jacobson*
- FY22 Active Projects Updates
- FY23 Forum-Funded Project Status Updates
- FY24 Project Selection & NFHP Funding Update
- FY25 RFP Release



Forum Administration

Forum Budget Status (USFWS) First 5 year agreement FY20, 21, 22

1072.20; .21; .22	Budgeted	Spent	Remaining
Personnel	\$45,968	\$20,485	\$25,483
Rents	\$1,557	\$833	\$724
Supplies/Software	\$5,992	\$2,921	\$3,071
Printing	\$3,000	\$0	\$3,000
Sub-Contracts (*)	\$683,981	\$660,009	\$23,972
Travel	\$8,261	\$2,185	\$6,076
Sub-Totals	\$748,759	\$686,433	\$62,325
Indirect	\$20,455	\$14,743	\$5,712
Totals	\$769,214	\$701,177	\$68,037

Forum Administration

Sub Contacts from first 5-year agreement

5 Year Agreement (F20AC00007)

2019 (Year 1)

Forum Coordination (Alicia Marrs; 20-85)	\$ 60,000 (Completed)
Trout Unlimited (M-1 Road Crossing; 20-86)	\$ 81,857 (Completed)
Gold Ridge RCD (Iron Horse; 20-97)	\$ 20,039 (Completed)
Mid-Klamath Watershed Council (Seiad; 20-88)	\$ 28,856 (Completed)
Trout Unlimited (Upper Noyo-Skunk; 20-87)	\$ 15,000 (Completed)

2020 (Year 2)

Forum Coordination (Alicia Marrs; 20-85-1)	\$60,000 (Completed)
Ross Taylor (Smith River FishPass; 21-19)	\$28,000 (Completed)
California Trout (Santa Margarita; 21-18)	\$47,410 (Completed)
Trout Unlimited (Strawberry Creek; 21-20)	\$31,055 (Completed)
Shasta Valley RCD (M-G Weir; 21-16)	\$49,269 (in progress)
Watershed Center (W Tule Creek; 21-17)	\$15,301 (Completed)

Forum Administration

Sub Contacts from first 5-year agreement

New 5 Year Agreement (F20AC00007)

2021 (Year 3)

Forum Coordination (Alicia Marrs; 20-85)	\$ 68,000 (Completed)
MK Watershed Council (Mid-Klamath Cr; 22-034)	\$ 41,216 (Completed)
Ross Valley Sanitary (Shady Lane; 22-035)	\$ 20,190 (Completed)
Trout Unlimited (Lawrence Creek; 22-036)	\$ 48,029 (Completed)
The Watershed Project (Wildcat Creek; 22-070)	\$ 45,000 (Completed)
Owen Bissell (Fish Passage Media; PO16133)	\$ 8,000 (In Progress)

Other

Towala Tribe (Pacific Lamprey - Rowdy)	\$19,500 (USFWS Direct)
Western Fishes (Pacific Lamprey – Sacramento)	\$34,853 (USFWS Direct)

Forum Administration

Forum Budget Status (USFWS) New Agreement FY23

1072.23	Budgeted	Spent	Remaining
Personnel	\$21,822	\$0	\$21,822
Rents	\$660	\$0	\$660
Supplies/Software	\$2,654	\$0	\$2,654
Printing	\$0	\$0	\$0
Sub-Contracts (*)	\$160,981	\$44,158	\$116,823
Travel	\$3,000	\$0	\$3,000
Sub-Totals	\$189,117	\$44,158	\$144,959
Indirect	\$5,652	\$428	\$5,223
Totals	\$194,769	\$44,586	\$150,182

Forum Administration

Sub Contacts from new 5-year agreement FY22-23

New Agreement (F22AC02805)

2022-2023

Forum Coordination	\$66,029 (In Progress)
Smith River Alliance (Lower Stotenburg)	\$49,952 (In Progress)
The Watershed Project (Wildcat Creek 2)	\$45,000 (In Progress)

Other

Stockton E Water District (Hosie Low Water Crossing)	\$50,000 (USFWS Direct)
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Forum Administration

Forum Budget Status (USFWS) FY24

1274.24	Budgeted	Spent	Remaining
Personnel	\$11,154	\$0	\$11,154
Rents	\$528	\$0	\$528
Supplies/Software	\$4,240	\$0	\$4,240
Printing	\$0	\$0	\$0
Sub-Contracts (*)	\$191,688	\$0	\$191,688
Travel	\$4,280	\$0	\$4,280
Sub-Totals	\$211,890	\$0	\$211,890
Indirect	\$4,797	\$0	\$4,797
Totals	\$216,687	\$0	\$216,687

Forum Administration

Sub Contacts from new 5-year agreement FY23-24 (so far)

New Agreement (F23AC02567)

2023-2024

Forum Coordination	\$60,000 (In Progress)
Eel River Watershed (Little Case Passage; 24-023)	\$26,000 (In Progress)
Eel River Watershed (N Fk Ryan Creek; 24-022)	\$60,500 (In Progress)
Salmon R Restoration Council (Mid-Klamath; 24-026)	\$45,188 (In Progress)

Other

USFWS (San Joaquin Native Fish Passage)	\$51,890 (USFWS Direct)
USFWS (San Joaquin Sturgeon Passage)	\$49,387 (USFWS Direct)

22-24 Forum Funded Projects Status

Mid-Klamath Watershed Improvement
Council- Mid-Klamath Tributary Fish
Passage Improvement Project



Forum Administration

FY22 Forum-Funded Project Status

Lower Stotenburg Creek Fish Passage Project (\$49,952)

- Contractor mobilization started 8/14/23 with anticipated implementation by end of 2023.

Wildcat Creek Fish Passage & Community Engagement Project Phase 2 (\$45,000)

- Phase 2 of the project: Ecological Engineering Assessment (to determine bed materials that can be used at the site and if the fish passageway slope can be modified) and Community outreach. Outreach planning included meetings with Confederated Villages of Lisjan, several site visits to adjacent sites, and in-class presentation to a class of students at Salesian College Preparatory. Next Phase Funded for FY24.

Hosie Low Water Crossing (\$50,000)

- Section 408 Central Valley Flood Protection Board Encroachment Permit was approved 7/28/2023 and waiting for Inspector. The district started construction on August 7th.

Forum Administration

FY23 Forum-Funded Project Status

The following projects are funded through PSMFC and are either in the completed or finalized stages of contract award, and not yet active.

- **Little Case Creek Fish Passage Project (\$26,000)**
- **North Fork Ryan Creek Fish Passage Design (\$60,500)**
- **Mid-Klamath Tributary Fish Passage Improvement Project (\$45,188)**

The following projects are funded through USFWS, the completed or finalized stages of contract award, and not yet active.

- **Designing for Sturgeon Passage in San Joaquin Eastside Bypass (\$50,192)**

This project is funded through PSMFC and has an active contract.

- **CFPF Coordination & Operational Support (\$85,000)**

Forum Administration

FY24 Project Selection

The California Fish Passage Forum is pleased to recommend the following projects for funding in the FY 2024 funding season:

- Designing for Sturgeon Passage in the San Joaquin River at Eastside Bypass Control Structure
- Jenny Creek Man-made Barrier Removal
- Weaver Basin Fish Passage Assessments
- Wildcat Creek Fish Passage and Community Engagement Project (Phase 3)
- Channel Design at River Road Bridge Crossing, Gill Creek, Sonoma County, CA
- North Fork Schooner Gulch Culvert Replacement
- Mid-Klamath Rearing Habitat Assessment and Enhancement Project
- Blodgett Dam Restoration Feasibility

Forum Administration

Timing of FY25 RFP Release

Initial Planning of 2025 RFP

- RFP already reflects NFHP reporting metrics, questions should not require much adjustment.
- **Possible Timeline:**
 - Release: Mid November, after many federal NOFOs have closed.
 - Close: Mid January (2 months open, and applicants can work after holidays)
 - Review Start: End of January
 - Final section: End of February
 - Due to NFHP: March 31st

Forum Administration New Website Tour



About ▾ Projects ▾ Fish Barrier Information ▾ Funding Fish Habitat Partnerships Contact Intranet ▾ 🔍

Protecting and Restoring Anadromous Fish Habitat

The California Fish Passage Forum is a **nationally recognized Fish Habitat Partnership** as part of the National Fish Habitat Partnership. We are association of public, private and governmental organizations that connects project partners with long-term funding for fish passage projects, provides design and implementation assistance, and streamlines permitting to restore connectivity of freshwater habitats throughout the historic range of target anadromous fish species



57 Projects

Since 2012, the Forum has supported 57 projects, varying from on-the-ground projects to design projects, and scientific assessments across the state of California.



1.7M+ in Project Funding

The Forum has connected project partners with more than 1.7 million in combined project funding.



50 Barriers Remediated

The Forum has supported the removal or remediation of at least fifty fish passage barriers in California, from small culverts to massive dam removals.



295 Miles of Improved Access

Forum supported projects have resulted in improved access to spawning and rearing habitat for threatened & endangered anadromous fish.

<https://www.cafishpassageforum.org>



BREAK TIME back at 11:00AM

Forum Committee Updates

Governance Committee

Bob Pagliuco, Governance Committee Chair

Committee Accomplishments

- Reviewed USFWS/NFHP Annual Accomplishments Report and Work Plan submittal
- Monitored the Forum's budget and other funding opportunities and requests
- Interviewed, selected, and oriented the new coordinator
- Made preliminary updates to Strategic Framework (18-23 to 23-28)
- Planned 2023 Steering Committee Meeting
- Reviewed and approved next steps for FISHPass from S&D committee
- Added CDFW to Governance Committee (Welcome Andrew Hampton!)

Forum Committee Updates

Science and Data Committee

Gena Lasko and Emily Siegel, Science and Data Committee Co-Chairs

Committee Accomplishments

- Developed next steps for FISHPass
- Removed web-based, public interface.
 - To do:
 - Change features available for ranking and filtering
 - Integrate FISHPass into National Barrier Prioritization Tool
 - Update baseline habitat layer
 - Determine if FISHPass could be useful in culvert prioritization
- Providing preliminary updates to Strategic Framework
- Near completion of the Science and Data Committee Work Plan

Forum Committee Updates

Education and Outreach Committee

Holly Steindorf, Education and Outreach Committee Chair

Committee Accomplishments

- Created E&O Committee Work Plan for 2023
- Defined Committee Goals moving forward, including:
 - Forum rebrand, generating new website, fact sheets, etc.
 - Soliciting applicants for Tribal funding sources (including NOAA funding)
 - Generating a Forum outreach calendar (based on PMEPs calendar) to strategize Forum outreach from members
 - (Future goal) evaluate Forum Strategic framework and overall function for DEI (Diversity, Equity, Inclusion) quality

Forum Committee Updates

Policy and Permitting Committee

Anna Halligan, Policy and Permitting Committee Chair

Committee Accomplishments

- Reconvened Committee (committee has ebbed and flowed, but we agree its valuable and should be kept).
- Defined Committee Goals moving forward, including:
 - Adding links for permitting assistance & education materials (<https://suscon.org/technical-resources/>) to RFP award notice and to website.
 - Edited Strategic Framework to specify P&P actions
 - Utilize the “Salmon and Steelhead Coalition” channels to identify and broadcast upcoming legislation, encourage and support signatories who can to write letters of support.
 - Solicit technical consultant project to identify chronic problems in permitting (both generally and for specific project types, i.e. fishways)

National Fish Habitat Partnership Updates

A group of rainbow trout swimming in clear, shallow water over a rocky riverbed. The fish are seen from above, showing their characteristic spotted patterns and vibrant colors. The water is crystal clear, revealing the smooth, light-colored rocks and some submerged twigs on the riverbed.

NFHP Overview and Updates

Jason Olive, USFWS and NFHP Staff

Congressional Designation Application due to NFHP

Holly Steindorf, Coordinator

National Fish Habitat Partnership Updates

Jason Olive, USFWS

*Jason Olive, USFWS, NFHP Board Member and Coordinator
Support Person*

See attached NFHP Updates Presentation



National Fish Habitat Partnership Updates

Congressional Designation Application

Draft due to NFHP Board by December 31st

- Partnership Rationale (500 words)
- **SECTION 1.** Demonstrate how your Partnership promotes the health of important fish and fish habitats (ACE Act 204(c)(2)(A)). (1000 Words)
- **SECTION 2.** Demonstrate your Partnership's ability to coordinate the implementation of priority projects that support the goals and national priorities set by the Board (ACE Act 204(c)(2)(B)). (up to 1000 *words*)
- **SECTION 3.** Demonstrate a self-governance structure that supports the implementation of strategic priorities for fish habitat (ACE Act 204(c)(2)(C)). (up to 1000 words)

Continued ->

National Fish Habitat Partnership Updates

Congressional Designation Application

- **SECTION 4.** Demonstrate your Partnership's ability to develop local and regional relationships with a broad range of entities to further strategic priorities for fish and fish habitat (ACE Act 204(c)(2)(D)). (up to 1000 words)
- **SECTION 5.** Development of a strategic plan that details required investments for habitat conservation that addresses the strategic fish habitat priorities of your Partnership and the Board (ACE Act 204(c)(2)(E)). (up to 1000 words)
- **SECTION 6.** Demonstrate your Partnership's ability to develop fish habitat conservation priorities based on sound science and data, measure the effectiveness of fish habitat projects, and a clear plan as to how the Partnership's science and data components will be integrated with the Board's science and data efforts (ACE Act 204(c)(2)(G)). (up to 1000 words)

Strategic Plan Updates and Finalization

Strategic Framework is 3 documents

- Strategic Plan
- Background Information
- Appendices (MOU and Bylaws)

To Do:

- Update forum accomplishment tables
- **Resolve any outstanding comments**

STRATEGIC FRAMEWORK 2023-2028



California Fish Passage Forum

Updated December 2023



CA Passage Assessment Database (PAD)


See attached PAD Updates Presentation

FISH*Pass* and SARP National Barrier Prioritization Tool- Status Updates

Van and Holly met with Kat Hoenke, Data Steward for the Southeast Aquatic Regional Partnership (SARP) who helped develop National Barrier Prioritization Tool.

- NBPT is funded through many sources, USFWS has expressed support to nationally expand the tool and secure long-term funding sources.
- Goal is to expand the NBPT nationally by 2025, goal is to share the latest draft at the NFHP meeting in Charleston in December.
- Kat has been working with Anne to add PAD Data to the NBPT as it is QA/QC'd.
- Brendan Ward (developer of NBPT) has been given both the StreamNet Fish Distribution Layer, and the Baseline Fish Habitat Layer, on track to incorporate these into the NBPT as filterable options.
- Kat Shared that Nature Conservancy partnered with the NBPT to add their Fish Passage Data to the tool and generate a high-resolution add-on for the Chesapeake Regional Watersheds. Could be an example of direction to take with the Forum and FISH*Pass*.

FISHPass and SARP National Barrier Prioritization Tool- Status Updates

 National Aquatic Barrier Inventory & Prioritization Tool

Explore regions [Summarize](#) [Prioritize](#) [Download](#) [FAQ](#)

California Region ✕

Show networks for: [dams](#) [road-related barriers](#) both by [state / county](#) [hydrologic unit](#)

[Find a barrier](#)


This area contains:
426,716 or more potential road-related aquatic barriers, including:

- **426,716** road/stream crossings
- **13,877** that have been assessed for impacts to aquatic organisms.
- **3,935** that are likely to impact aquatic organisms
- **3,713** that were analyzed for impacts to aquatic connectivity in this tool
- **316** that have been removed or mitigated, gaining **2,284 miles** of reconnected rivers and streams

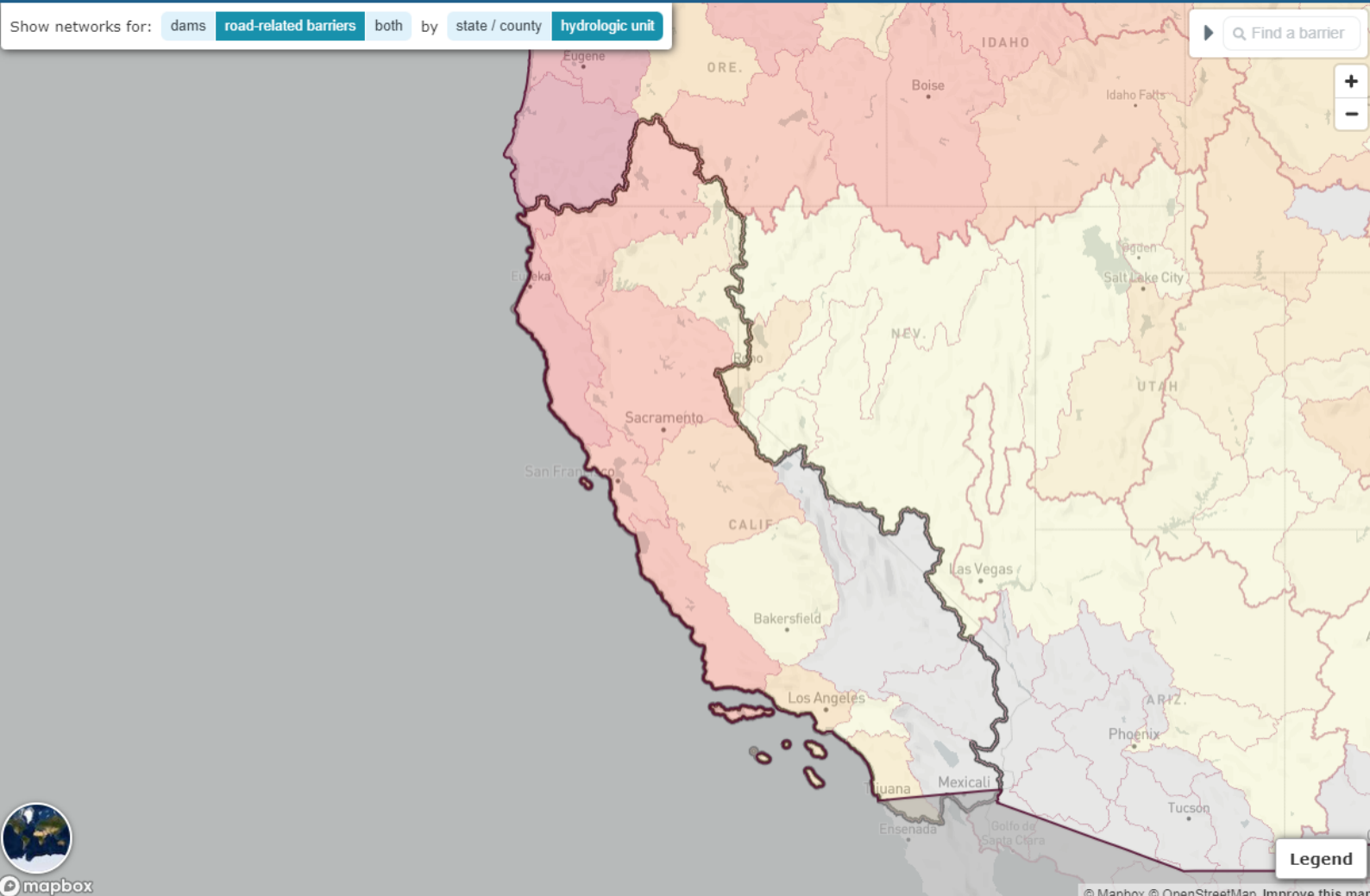
Note: These statistics are based on *inventoried* road-related barriers that have been assessed for impacts to aquatic organisms. Because the inventory is incomplete in many areas, areas with a high number of barriers may simply represent areas that have a more complete inventory.

222 road-related barriers were not analyzed because they were not on the aquatic network or could not be correctly located on the network

Download:
[road-related barriers](#) [road/stream crossings](#)

 mapbox

[Legend](#)



© Mapbox © OpenStreetMap Improve this map

FISHPass and SARP National Barrier Prioritization Tool- Status Updates


[← modify area of interest](#)

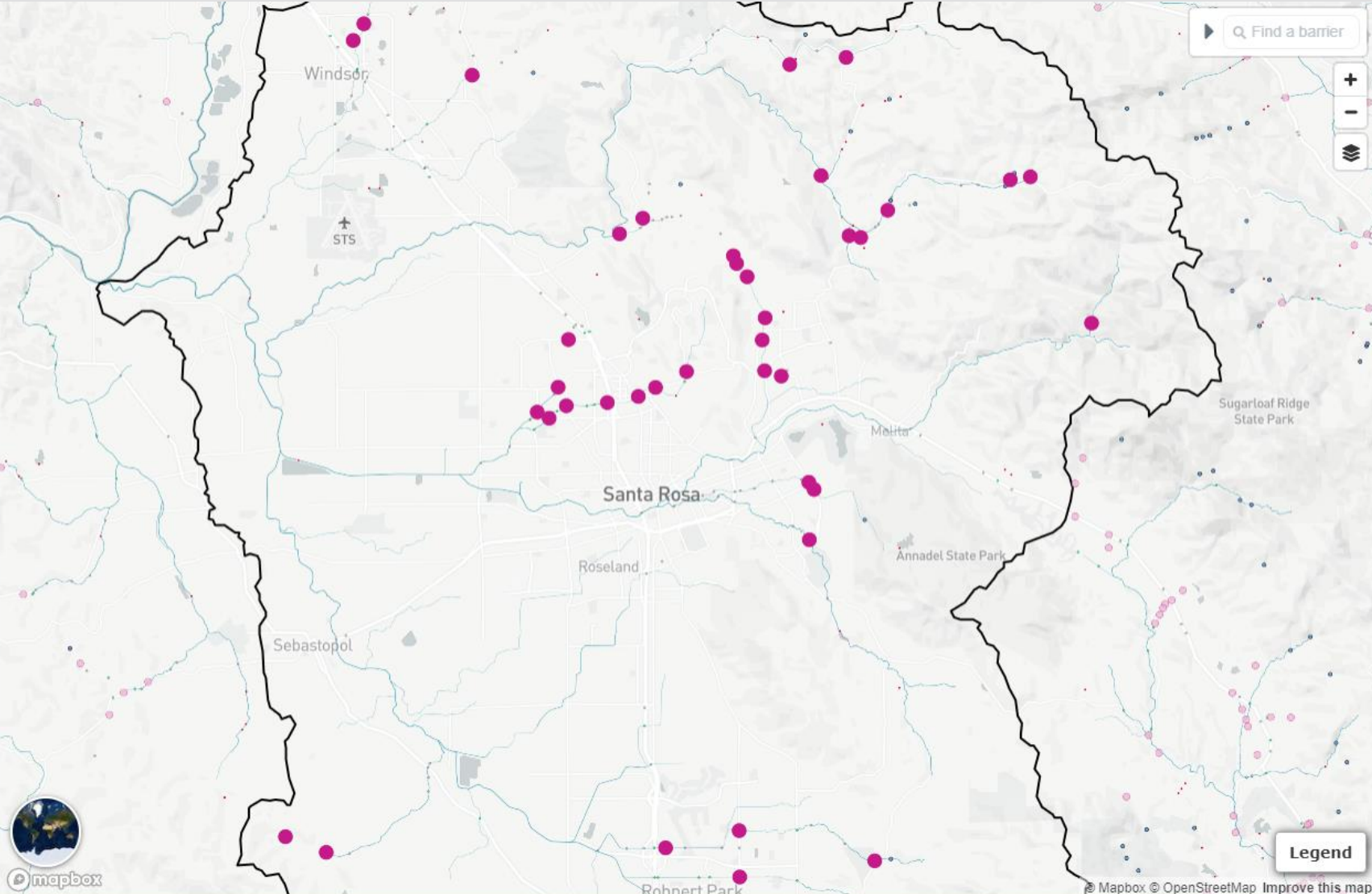
Filter road-related barriers

[OPTIONAL] Use the filters below to select the road-related barriers that meet your needs. Click on a bar to select road-related barriers with that value. [Show more ...](#)

- ▶ **Social Benefits**
1 filters available
- ▶ **Conservation benefits**
3 filters available
- ▶ **Road-related barrier characteristics**
5 filters available
- ▶ **Aquatic network characteristics**
2 filters available
- ▶ **Marine connectivity**
4 filters available
- ▶ **Land and barrier ownership**
2 filters available
- ▶ **Presence of key species**
5 filters available

selected: 39 road-related barriers

 [» Prioritize selected barriers](#)

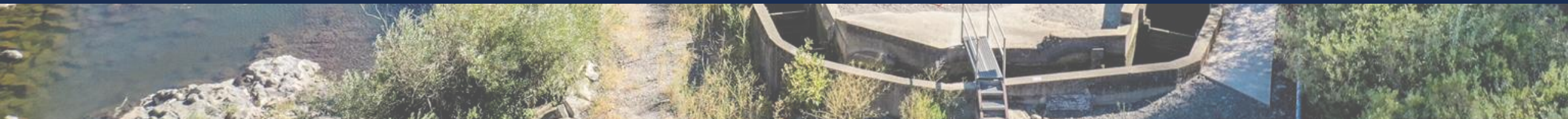


© Mapbox © OpenStreetMap Improve this map

Legend



LUNCH back at 2:15PM



Project Presentation

Fish Passage at Sulphur Creek on Napa River

Pat Samuel, *CalTrout*

See attached presentation

CALIFORNIA TROUT



FISH · WATER · PEOPLE



California Fish Passage Forum

Supporting Project Partners in Accessing
Bipartisan Infrastructure Law Funding

Roundtable Discussion Objectives

Forum Members (NOAA, USFWS)

Invited Agencies, ***Thank you for being here!***

- What funding opportunities are coming up? What projects are targeted?
- How can we assist in streamlining permitting for those projects?
- How do we structure BIL funding webinars to maximize support to partners while working within our organizational capacity?

A large underwater photograph of a school of salmon swimming in clear water over a rocky riverbed. The word "FUNDING" is overlaid in large white capital letters in the center of the image.

FUNDING

[https://ifrmp.net/
funding/](https://ifrmp.net/funding/)

Klamath Funding Opportunities (Updated 3/18/2023)

The following spreadsheet was compiled to assist Klamath Basin stakeholders to identify funding opportunities for Klamath Basin restoration projects and activities. Please view the spreadsheet as a work-in-progress that will require frequent updates and adjustments.

If you have any questions about the spreadsheet, please contact Matt Baun (Matt_Baun@fws.gov) or Bob Pagliuco (bob.pagliuco@noaa.gov).

[View Funding Spreadsheet](#)



Fish Passage Portal

A resource for all stakeholders of fish passage and aquatic connectivity projects

<https://interagency-bil-fish-passage-project-1-fws.hub.arcgis.com/>

Photo by Steven Siegel, USFWS

Welcome to the Fish Passage Portal

The portal is a “one-stop shop” for anyone who needs information, funding, or resources to improve fish passage and aquatic connectivity projects. We provide landowners and public lands managers the tools to find funding across the federal government, as well as access to data, planning, and geospatial information.

The Bipartisan Infrastructure Law (BIL) provided multiple agencies with nearly \$2 billion for aquatic and ecosystem restoration that supports fish passage. The BIL will fund projects over five years (FY2022 - FY2026) and result in a transformational impact to aquatic species, their habitats, and the surrounding communities.



Tools and resources for restoration project permitting

<https://acceleratingrestoration.org/>



Find Pathways by Agency

Find efficient permitting options listed by the issuing agencies or authorities here.

SEE AGENCIES



Introduction to Permitting

New to restoration project permitting? Start with these tips for success.

GET STARTED



Our Essential Guide

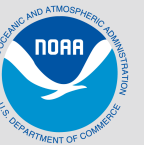
Download our PDF table of permits, agencies, eligibility, and benefits.

DOWNLOAD

Presentations from Invited Agencies on their funding opportunities

See attached Presentations:

- NOAA NMFS Funding Opportunities (Bob Pagliuco, NOAA NMFS)
- Interagency Fish Passage Portal (Mindy Simmons, USACE)
- USACE Funding Opportunities (Mindy Simmons and Kasey Sirkin, USACE)
- USBOR (Robin Graber & Irene Hoiby, US BOR)



Federal Agency BIL Opportunities

Lead Agency	Funding Opportunity
USFWS	Collaborative-based Aquatic-focused Landscape Scale Restoration
	High Hazard Dam Decommissioning
	National Fish Passage Program
	Legacy Roads and Trails Remediation
NOAA NMFS	Pacific Coastal Salmon Recovery Fund
	Restoring Fish Passage through Barrier Removal
	Restoring Tribal Priority Fish Passage through Barrier Removal Grants
	Habitat Restoration for Tribes and Underserved Communities

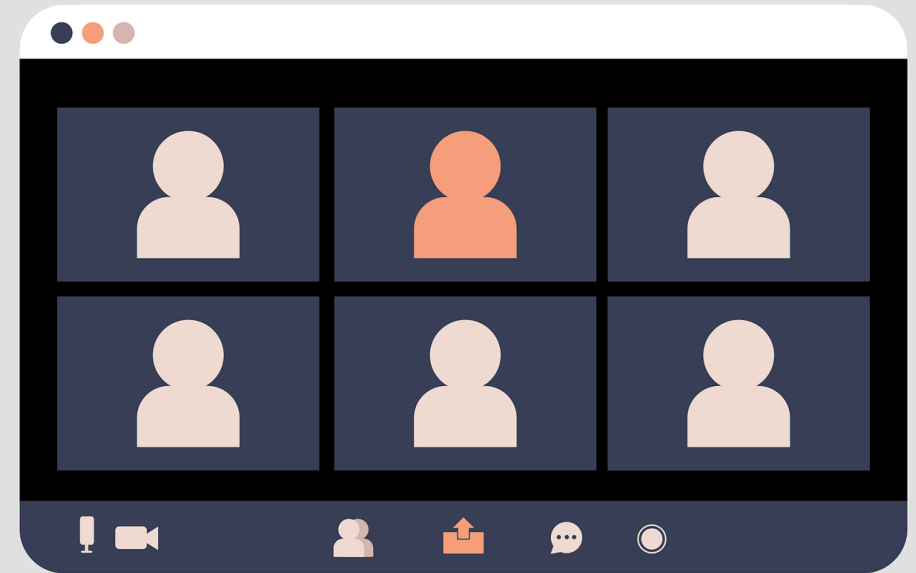
Federal Agency BIL Opportunities

Lead Agency	Funding Opportunity
FEMA	Rehabilitation of High Hazard Potential Dams Grant Program
BOR	WaterSMART Aquatic Ecosystem Restoration Projects
	WaterSMART Environmental Water Resources Projects
EPA	Water Infrastructure Investments
USACE	Aquatic Ecosystem Restoration
	Corps Water Infrastructure Financing Program
FHWA	Bridge Investment Program
BLM	Ecosystem Restoration and Resilience
DOE	Hydropower Incentives Program
FHWA	National Culvert Removal, Replacement and Restoration Grant Program

Roundtable Discussion

Webinar Planning

How do we structure BIL funding webinars to maximize support to partners while working within our organizational capacity?



Wrap Up

Thank you all for being here.

Action Items from Today:

- Holly and Jenn will compile notes and put notes and presentations on the website.
- Other Action items?

Field Tour Preview

Yellowjacket Creek Project Site Tour

Led by MaryAnne King, Trout Unlimited

- Arrive at Jackson Family Wines White Barn Structure around 9:45am tomorrow.
- Condense cars to head to project site
- Joined by several of JFW and CDFW staff, and others!
- **Call Holly with any questions (435) 881-8657**



A scenic landscape featuring a vineyard in the foreground with rows of young grapevines. In the middle ground, a large, modern building with a central tower is visible, surrounded by trees and a paved area. The background shows a dense forest of evergreen trees on a hillside, with a body of water and more distant hills under a hazy sky.

Adjourned! Thank you!