

**2016 Fisheries Habitat Restoration Proposals - FRGP/FLAR Focus - Funded List**

<b>Focus</b>	<b>Project Type</b>	<b>Proposal ID</b>	<b>Title</b>	<b>Applicant</b>	<b>Project Description</b>	<b>County</b>	<b>Region</b>	<b>Funded Amount</b>
FRGP	PD	2016052	Cochran Creek Fish Passage and Channel Restoration- Planning and Design	Coastal Ecosystems Institute of Northern California	This project will develop final design plans to maximize migration access for salmonids through the Cochran Creek tide gate barrier; and enhance channel, floodplain, and riparian habitats within Cochran Creek and its tributary Quail Slough.	Humboldt	1	\$65,534
FRGP	HI	2016109	Supply Creek Restoration Project Phase II	Hoopa Valley Tribe	This project will improve ecological function and hydrologic connectivity in the historic floodplain of Supply Creek through levee/road removal and instream, off-channel, and riparian habitat creation and enhancement.	Humboldt	1	\$730,228
FRGP	HR	2016009	Lower San Antonio Creek Arundo Eradication	Ojai Valley Land Conservancy	The project will achieve the removal and ongoing herbicide treatments of 16 acres of invasive Arundo Donax and subsequent revegetation of 10 acres of riparian habitat along lower San Antonio Creek, tributary of the Ventura River, in Southern California.	Ventura	5	\$398,037
FRGP	HI	2016072	James Creek Coho Stream Habitat Enhancement Project	California Conservation Corps	This project will construct 29 sites containing 91 pieces of properly sized LWD to be installed in James Creek to improve the quality and quantity of spawning and rearing habitat for Coho and Steelhead on 4,310 ft. of James Creek.	Mendocino	1	\$170,952
FRGP	HB	2016053	Mid-Klamath Tributary Fish Passage Improvement Project	Salmon River Restoration Council	Improve juvenile and adult salmonid fish passage to over 70 tributaries in the Middle Klamath, Salmon and Lower Scott River subbasins through manual modification of seasonal barriers. Project includes habitat assessment and salmonid assessment.	Humboldt, Siskiyou	1	\$66,783
FRGP	WC	2016096	Montague Water Conservation District- Dwinnell Enhancement	Montague Water Conservation District	This project allows for the creation of a cold water habitat, incorporation of a significant source of cold water to expand limited over summering habitat and increased cross canal capacity to allow increased releases to the Shasta River.	Siskiyou	1	\$783,107
FRGP	PD	2016047	Nordheimer Creek Habitat Enhancement Project Design	Salmon River Restoration Council	The objective is to complete 100% design to enhance large woody debris on Nordheimer Creek on the mainstem Salmon River through the construction of large wood structures. This project will increase channel complexity & improve coho rearing habitat.	Siskiyou	1	\$78,595

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FRGP	PD	2016061	Jameson Creek Fish Passage Improvement at Rohnerville Road Culvert	City of Fortuna	Design improved fish passage within the lower reach of Jameson Creek, to increase access to upstream habitat for all life stages of salmonids.	Humboldt	1	\$226,718
FRGP	HI	2016043	Kelly Gulch Fisheries and Riparian Habitat Enhancement Phase II	Salmon River Restoration Council	The objective of this project is to construct and enhance side channel and off-channel fisheries habitat at Kelly Gulch on the North Fork Salmon River. This project will increase and improve coho rearing habitat.	Siskiyou	1	\$520,676
FRGP	PD	2016156	Ryan Creek Off Channel Coho Habitat Improvement Design Project	Pacific Coast Fish, Wildlife and Wetlands Restoration Association	The objective of this project is to develop designs that enhance connectivity to the floodplain by creating off- channel pond(s)/channel(s) which enhance non-natal winter high-flow refugia and rearing habitat for coho salmon along 2,000 ft. of Ryan Creek.	Humboldt	1	\$104,304
FRGP	PD	2016158	Lindsay Creek Off Channel Coho Habitat Improvement Project	Pacific Coast Fish, Wildlife and Wetlands Restoration Association	The objective of this proposal is to develop engineering designs to enhance connectivity between Lindsay Creek and an abandoned oxbow with significant habitat potential. This will improve winter rearing and over-wintering habitat for coho salmon.	Humboldt	1	\$90,683
FRGP	PD	2016148	Redwood Creek Instream Habitat Improvement - Genairo and Neufeld	Eel River Watershed Improvement Group	Design of instream habitat structures and associated biotechnical bank stabilization over a 2,000-foot section of Redwood Creek to reduce sediment delivery, increase habitat complexity, enhance pools, and increase gravel sorting.	Humboldt	1	\$58,600
FRGP	PD	2016140	Lower Little River Off-Channel Coho Habitat Improvement Design Project	Pacific Coast Fish, Wildlife and Wetlands Restoration Association	The objective of this project is to develop designs that enhance connectivity to the floodplain by creating off- channel pond(s)/channel(s) which enhance non-natal winter high-flow refugia and rearing habitat for coho salmon in lower Little River.	Humboldt	1	\$97,006
FRGP	HI	2016006	Little North Fork Big River Instream Coho Habitat Enhancement Project	Trout Unlimited, Inc.	Install at least 43 pieces of large wood at 21 sites along 1 mile of high priority core recovery coho habitat in Little North Fork Big River. Project will increase stream complexity, pool frequency, shelter values, and rearing habitat for Coho Salmon.	Mendocino	1	\$46,659
FRGP	FP	2016079	Dinner Creek Fish Passage Barrier Removal Project	County of Humboldt - Department of Public Works	Remove fish migration barriers opening access to over 9,400 feet (1.8 miles) of spawning habitat in Dinner Creek watershed.	Humboldt	1	\$841,630

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FRGP	RE	2016010	Southern Coho Salmon Captive Broodstock Program (UCSC-NOAA)	Regents of the University of California, Santa Cruz	Prevent extirpation of the Scott Creek coho salmon population through captive broodstock rearing. This effort will maintain the viability of coho salmon populations south of San Francisco Bay and aid in their restoration and recovery.	Santa Cruz	3	\$730,833
FRGP	HB	2016076	Yellowjacket Creek Fish Passage Improvement Project	Trout Unlimited, Inc.	To restore juvenile and adult coho salmon and steelhead trout access to 1.9 miles of spawning and rearing habitat on Yellowjacket Creek by modifying a concrete weir structure, constructing a series of boulder step-pools, and installing a fish screen.	Sonoma	3	\$310,251
FRGP	PD	2016020	Cecchetti Road Crossing Design Program	Central Coast Salmon Enhancement	Create 100% design program for the Cecchetti Road crossing fish passage barrier which is currently an Arizona type crossing with a culvert. Final design expected to be free-span bridge.	San Luis Obispo	4	\$116,016
FRGP	HI	2016092	String Creek Instream Steelhead Habitat Enhancement Project	Trout Unlimited, Inc.	Install 30 pieces of LWD at 11 sites along 0.65 mi. in String (0.5 mi.) and Tartar Creek (0.15 mi.). Project will increase LWD, rootwad, and boulder frequency to improve habitat complexity, and pools within priority North Coast Steelhead recovery habitat.	Mendocino	1	\$61,159
FRGP	FP	2016122	Woodman Creek (Eel River) Railroad Crossing Fish Passage Project	California Trout, Inc.	Remove the NWP Railroad barrier at the mouth of Woodman Creek and restore the historic channel-mouth configuration to allow unimpeded coho, Chinook, and steelhead access to 10- 14 miles of habitat. This is a resubmission of 2015 FRGP proposal.	Mendocino	1	\$2,245,097
FRGP	PD	2016097	French Creek Fish Screen and Fish Passage Improvement Project	Scott River Watershed Council	Develop 30% designs for revision of fish screen and boulder weir at ditch #43 on French Creek for review by stakeholders. If supported by stakeholders, continue to 65% and 100% designs. Stakeholder involvement at all stages.	Siskiyou	1	\$57,524
FRGP	WC	2016127	Mattole Storage and Forbearance 2017-2020	Sanctuary Forest	Restore, improve and protect juvenile anadromous fish habitat through implementation of storage and forbearance and operation of seasonal headwaters forbearance program needed to improve summer stream flows.	Humboldt	1	\$84,495

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FRGP	PD	2016147	Powers Creek Fish Habitat Restoration Project	Trees Foundation	Creation of a 100% set of design plans for Coho salmon, Steelhead, and Chinook salmon habitat restoration on Powers Creek leading to as many as twelve pools, twelve spawning riffles and 1,800 ft. of backwater rearing habitat on 3,600 linear ft. of the creek.	Humboldt	1	\$191,544
FRGP	FP	2016003	Fish Passage Improvement at Crossing 5, Quiota Creek	Cachuma Operation and Maintenance Board	Provide 3.17 miles of spawning and rearing habitat for southern steelhead ( <i>Oncorhynchus mykiss</i> ) by removing the passage migration barrier at Crossing 5 and replacing it with a 59 foot-span concrete bottomless-arch culvert (bridge).	Santa Barbara	5	\$893,287
FRGP	HB	2016107	Upper Jack of Hearts Creek Coho Habitat Restoration Project	Trout Unlimited, Inc.	Restore access and stream habitat to approximately 1,160 ft. of channel by removing 2 total barriers, while preventing the direct delivery of 1,295 yd. of sediment into Coho habitat on mainstem Jack of Hearts Creek.	Mendocino	1	\$249,885
FRGP	HI	2016019	Rowdy Creek Instream Habitat Enhancement Project Reach III	Rural Human Services	Improve salmonid habitat by placing 85 or more LWD elements within 16 to 18 LWD structures along 1,250 feet of Rowdy Creek. Plant 250 native conifer trees in project area to provide future large wood recruitment.	Del Norte	1	\$199,448
FRGP	HI	2016022	French Creek Main Channel & Off Channel Habitat Improvement & Monitoring	Scott River Watershed Council	Install unanchored wood and augment gravel at four locations. Construct and monitor 350 ft. distributary channel with wood per 100% engineered designs to increase instream habitat via bed sorting resulting in increased facies and decreased entrenchment.	Siskiyou	1	\$207,222
FRGP	HR	2016083	Miller Riparian Restoration Project	Eel River Watershed Improvement Group	Eliminate livestock browsing of riparian vegetation on & in Oil & Maple Creeks. Eliminate trailing and stream bank structural impact from livestock, sediment and nutrients from livestock, and promote recovery of riparian vegetation and instream habitats.	Humboldt	1	\$540,330
FRGP	MD	2016042	Mattole River Chinook Salmon Abundance Monitoring	Mattole Salmon Group	Implement the CA CMP by Conducting redd, adult live fish, and carcass mark-recapture surveys in the Mattole river watershed. Provide CDFW with data analysis and population estimates for adult Chinook and Coho Salmon to assess trends in productivity.	Humboldt, Mendocino	1	\$84,795

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FRGP	MD	2016039	Humboldt Bay Coho Monitoring	HSU Sponsored Programs Foundation	1. Estimate escapement of adult Coho Salmon and abundance of redds in the Humboldt Bay watershed using spawning ground surveys. 2. Implement CMP life-cycle monitoring of Coho Salmon, focusing on Freshwater Creek and adjacent streams.	Humboldt	1	\$966,547
FRGP	MD	2016056	Redwood Creek Chinook Salmon Monitoring and Life Cycle Model	HSU Sponsored Programs Foundation	Continued operation of the life cycle monitoring station in Redwood Creek in support of the Coastal Monitoring Plan. These data will be used to develop a life cycle model for Redwood Creek Chinook salmon.	Humboldt	1	\$681,055
FRGP	MD	2016031	Life Cycle Monitoring of Coho Salmon in Prairie Creek	Humboldt State University Sponsored Programs Foundation	Continue long-term Prairie Creek database to: 1) estimate the abundance of adult Coho Salmon through spawning ground surveys; and 2) estimate freshwater survival and smolt abundances of Coho Salmon.	Humboldt	1	\$629,357
FRGP	MD	2016069	Shasta and Scott Rivers Salmonid Outmigrant Monitoring	Shasta Valley Resource Conservation District	Conduct rotary trapping, an element of the life cycle monitoring (LCM) station that determines the fish size, abundance and timing of the annual salmonid emigration, on the Shasta River and the Scott River.	Siskiyou	1	\$313,521
FRGP	MD	2016033	Mattole River Juvenile Coho Salmon Summer Spatial Structure Monitoring	Mattole Salmon Group	Collect data on juvenile coho salmon occupancy and associated habitat by conducting presence/absence (distribution) surveys.	Humboldt, Mendocino	1	\$44,248
FRGP	PI	2016032	Watershed Stewards Program - Year 24	California Conservation Corps - Watershed Stewards Program	WSP will engage 50 Members throughout coastal California to enhance anadromous watersheds through restoration and protection, community education and outreach events, recruiting volunteers for hands-on restoration projects, and professional development.	Program wide	All	\$473,819
FRGP	TE	2016108	20th and 21st Annual Coho Confabs	Salmonid Restoration Federation	To produce two Coho Confabs to educate and train restoration specialists and watershed restoration groups on coho salmon recovery strategies, restoration techniques, and best management practices to restore coho habitat and recover the species.	Del Norte, Humboldt	1	\$31,458

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FRGP	TE	2016086	36th and 37th Annual Salmonid Restoration Conferences	Salmonid Restoration Federation	To produce the 36th and 37th Annual Salmonid Restoration Conferences to offer technical education and teach habitat restoration techniques to practitioners, landowners, agency personnel, and consultants in order to recover anadromous salmonid populations.	Sonoma, Mendocino	3	\$86,334
FRGP	MO	2016084	Using Wood to Increase Salmon Abundance, Pudding Creek-A BACI Experiment	Trout Unlimited	Experimental evaluation of strategically placing large wood into most of Pudding Creek to increase salmonid growth, survival, and abundance by increasing the quantity of their summer and winter habitat in a BACI design with Caspar as a control.	Mendocino	1	\$787,928
FRGP	MO	2016046	Redwood Creek Emergency Rear and Release Validation Monitoring	Golden Gate National Parks Conservancy	The project will provide juvenile coho tissue sample collections, spatial distribution, abundance, and proportions of hatchery stock as a validation assessment tool for the active Redwood Creek Coho Salmon Rescue and Captive Rearing Project.	Marin	3	\$33,700
FRGP	TE	2016135	SRF Steelhead Summit and Water Conservation Workshop	Salmonid Restoration Federation	To provide technical assistance and educate landowners, resource professionals, watershed groups, and restoration practitioners on habitat restoration techniques including water conservation and coastal monitoring to assist in steelhead recovery planning.	Ventura	5	\$17,609