



CALIFORNIA FISH PASSAGE FORUM

FUNDING AND RESOURCES FOR FISH PASSAGE PROJECTS WEBINAR

ATTENDEES PACKET- APRIL 5TH 2024

The California Fish Passage Forum invites agencies, non-profits, and restoration practitioners including municipalities, resource conservation districts, and tribes to attend our informational webinar on Friday, April 5th, 2024.

Agenda

10:00am	Welcome Holly Steindorf, Forum Coordinator Sandi Jacobson, Forum Chair
10:00am	Introductions
10:10am	Overview of the California Fish Passage Forum Holly Steindorf, Forum Coordinator
10:20am	Overview of Funding Opportunities
10 minutes each	PS RAFT Tool- Holly Steindorf, Forum Coordinator NOAA NMFS -Ruth Goodfield, Marine Habitat Resource Specialist, NOAA Restoration Center USFWS- Tim Loux, Senior Fishery Biologist, US Fish and Wildlife Service BOR – Katherine Tucker and Avra Morgan, Program Analysts, PMF, Water Resources and Planning Office, Bureau of Reclamation FRGP- Tim Chorey, FRGP Coordinator, California Dept of Fish and Wildlife DWR- Josua Black, Senior Environmental Scientist (Specialist) Lead, San Joaquin Fish Pop. Enhancement Program, Riverine Stewardship Program Division of Multi-Benefit Initiatives CA Department of Water Resources
11:40am	30-minute Lunch Break
12:10pm	Resources available through EPIC- Garrett Altmann, Western Restoration Program Manager, Environmental Policy Innovation Center
12:20pm	Putting Together Cost-Share Packages- Sandra Jacobson, South Coast Director, CalTrout

12:40pm	Exploring Options for Simplified Permitting- Stephanie Falzone Senior Project Manager, Sustainable Conservation
1:00pm	North Coast Salmon Project- Salmon Habitat Restoration Priorities (SHaRP) Program- Trevor Kumec, Environmental Scientist North Coast Salmon Project California Department of Fish and Wildlife.
1:20pm	Monitoring SONCC Coho and Floodplain Habitat Restoration Projects in Prairie Creek- Katherine Stonecypher, Senior Fisheries Research Assistant, Prairie Creek Project, Cal Poly Humboldt.
1:40pm	Summarize Next Steps, Wrap Up

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The Funding and Resources Webinar and the associated attendee's packet are intended as a high-level overview of options for support for projects within the scope of the California Fish Passage Forum, including finding and applying for funding, navigating permitting, accessing technical assistance, and informing monitoring practices using current scientific understanding. The funding opportunities and resources presented here are compiled from various sources and are not intended to be a complete list, these resources are intended to act as a guide to showcase some of the options available to Fish Passage practitioners in California.

FUNDING DATABASES/SPREADSHEETS

[Klamath Basin Integrated Fisheries Restoration & Monitoring Plan \(IFRMP\)](#)

[Funding Spreadsheet, last updated 3/32](#)

[San Francisco Bay Joint Venture Funding Spreadsheet](#)

[Puget Sound Partnership Restoration Acceleration Funding Tool \(RAFT\)](#)

FUNDING OPPORTUNITIES

NOAA National Marine Fisheries Service

Resources for NOAA Opportunities:

[Resources for NOAA Restoration Center Applicants](#)

[Program Priorities for Habitat Restoration Grants](#)

[How to Build Your Proposals](#)

[Restoring Fish Passage through Barrier Removal](#)

NOAA's Office of Habitat Conservation's Restoration Center will implement the fish passage provision with the goal to fund projects that **eliminate in-stream barriers to restore fish passage while applying a watershed level approach to address fish passage barriers**. These projects will assist in the recovery of endangered migratory fish and our nation's fisheries, while providing additional benefits such as jobs and increased climate resilience, by removing or improving outdated infrastructure. The BIL provided NOAA \$400 million over 5 years for fish passage projects that will remove in-stream barriers.

Eligibility: Institutions of higher education, non-profits, commercial (for profit) organizations, U.S. territories, state, local, and tribal governments

Proposal Deadline: October 2023

Funding Available: Award amounts range from \$1 million to \$20 million over the award period (~3 years). Nearly \$175 million in funding is available.

Types of Projects: This funding will support projects that reopen migratory pathways and restore access to healthy habitat for fish around the country.

Contact: melanie.gange@noaa.gov

[Restoring Tribal Priority Fish Passage through Barrier Removal Grants](#)

Up to 15% of the \$400 million that the BIL provided NOAA will be directed to Indian Tribes through a focused grant competition. NOAA's Office of Habitat Conservation's Restoration Center will implement the tribal fish passage grants with the goal to **provide financial and technical assistance to tribes**

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and tribal commissions or consortia to address tribal priority restoration needs, including building capacity for planning and implementation. Project funding through these grants will assist in the recovery of tribally important species, endangered migratory fish, and our nation's fisheries, while also providing additional benefits, such as jobs and increased climate resilience, by removing or improving outdated infrastructure.

Eligibility: Indian tribes (as defined in 25 U.S.C. Section 5304 (e)) and organizations that represent Indian tribes through formal legal agreements

Proposal Deadline: November 08, 2023

Funding Available: Award amounts range from \$300,000 to \$12 million over the award period.

Types of Projects: capacity building, AOP projects, community and economic benefit projects such as enhancing climate resilience by removing or improving aging infrastructure.

Contact: janine.harris@noaa.gov

Pacific Coastal Salmon Recovery Fund

The Pacific Coastal Salmon Recovery Fund was established to reverse the declines of West Coast salmon and steelhead populations and is administered by NOAA's National Marine Fisheries Service. Eligible projects must provide **measurable benefits to Pacific anadromous salmonids and their habitat and can include projects to restore fish passage and habitat connectivity.** Non-passage projects that benefit Pacific Salmon are also eligible for funding through this opportunity. The BIL provided an additional \$172 million in funding over 5 years to support the program.

Eligibility: States of Alaska, Washington, Idaho, Oregon, California, Nevada, and Federally recognized tribes of the Columbia River and Pacific Coast (including Alaska) or their representative tribal commissions and consortia.

Proposal Deadline: March 04, 2024

Funding Available: Up to \$106 million (including \$34.4M from the Bipartisan Infrastructure Law and \$7.5M from the IRA)

Types of Projects: Projects that address factors limiting the productivity of Pacific salmon and steelhead listed under the Endangered Species Act (ESA), Effectiveness monitoring of habitat restoration actions at the watershed or larger scales for ESA-listed salmon and steelhead, and other projects consistent with the Congressional authorization with demonstrated need for PCSRF funding.

Contact: jennie.franks@noaa.gov

US Fish and Wildlife Service

[National Fish Passage Program Regional Coordinators](#)

[Fish Passage Technical and Planning Assistance](#)

[Wetland Funding and Technical Assistance](#)

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National Fish Passage Program

The U.S. Fish and Wildlife Service's National Fish Passage Program works with local communities on a voluntary basis to restore rivers and conserve our nation's aquatic resources by removing or bypassing barriers. The BIL provided \$200 million to the program over five years to **restore fish and wildlife passage by removing in-stream barriers and providing technical assistance** to partners.

Eligibility: Any entity who coordinates with USFWS staff on project development and implementation.

Collaborative-based Aquatic-focused Landscape Scale Restoration

The Collaborative Landscape Restoration Program aims to fund and complete high priority projects on federal and non-federal land to **improve water quality or restore passage for fish and other aquatic organisms**. The BIL provided \$80 million over 5 years to the USFS for this program.

Proposal Deadline: You must work with a Fish and Wildlife Conservation Office biologist to be considered for funding. To begin this process, please contact your Regional Fish Passage Coordinator or your local Fish and Wildlife Conservation Office. Service biologists will discuss the project with you and help ensure it is a good fit for the National Fish Passage Program. It is recommended that you do this early in the process so they can help guide the creation of your proposal.

Proposals are accepted year-round; however, the funding cycle for fish passage projects begins each year in fall with compilation of the projects being proposed for the following year's funding. The projects are reviewed and prioritized in winter. Generally, funding for selected projects becomes available the following spring but the timing is dependent upon federal budget allocation. Funding is administered through the regional and local Fish and Wildlife Conservation Offices.

Funding Available: On average the program contributes about \$70,000 per project. There is no upper limit to project funding.

Types of Projects: High Priority Projects: Show the greatest ecological benefits for trust species, exhibit permanence of fish passage benefits, make use of the most current scientific knowledge and proven technology, evidence the greatest public support, and generate the maximum in matching contributions.

Contact: shannon_boyle@fws.gov, tim.loux@usfws.gov

US Forest Service

High Hazard Dam Decommissioning

The BIL provided \$10 million over 5 years for the **decommissioning and removal of U.S. Forest Service owned, non-hydropower, high hazard dams**. Removal of these dams will restore watershed health and aquatic connectivity while improving public safety.

Contact: kelly.brom@usda.gov

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[Legacy Roads and Trails Remediation](#)

The U.S. Forest Service's Legacy Roads and Trails Remediation Program supports restoration, protection, and maintenance of crucial watersheds in national forests and grasslands. This is accomplished by restoring fish and aquatic organism passage, improving road and trail resiliency, preserving access and decommissioning unneeded or unauthorized roads. The BIL provided \$250 million over 5 years to this program.

Contact: nathaniel.gillespie@usda.gov

Bureau of Reclamation

[Frequently Asked Questions](#)

[WaterSMART Aquatic Ecosystem Restoration Projects](#)

[Aquatic Ecosystem Restoration Projects Fact Sheet](#)

\$250 million was allocated to the Bureau of Reclamation in the BIL for Aquatic Ecosystem Restoration Projects (AERP). Through AERP, Reclamation provides funding for the study, design, and construction of projects that are collaboratively developed, have widespread regional benefits, and result in the improvement of the health of fisheries, wildlife, and aquatic habitat through restoration and improved fish passage. Funding may be provided for the removal or modification of dams or diversion structures under AERP.

Eligibility: Tribes, states, and other entities.

Proposal Deadline: January 2024

Funding Available:

Types of Projects: Removal or Modification of Barriers to Fish Passage, Restoration of Connectivity, Restoration of Aquatic Habitat, Improvement of Water Availability, Quality, and Temperature, Other Related Activities

Contact: aomorgan@usbr.gov

[WaterSMART Environmental Water Resources Projects](#)

[Environmental Water Resources Projects Fact Sheet](#)

Over \$100 million in BIL funding will be allocated, including funding for multi-benefit projects to improve watershed health under Section 40907 of the BIL. Eligible project types include **water conservation and efficiency projects** that result in quantifiable and sustained water savings and benefit ecological values or watershed health; water management or infrastructure improvements to benefit ecological values or watershed health; and watershed restoration projects benefitting

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ecological values or watershed health that have a nexus to water resources or water resources management.

Proposal Deadline: June 2024

Funding Available:

Types of Projects:

Contact: aomorgan@usbr.gov

WaterSMART Planning and Project Design Grants

Reclamation provides cost-shared funding for the planning and design of a range of project types, including projects to restore rivers, streams and riparian areas, and projects to improve fish passage. The Planning and Project Design Grants funding opportunity includes two categories of projects: (1) Water Strategy Grants to develop or update restoration plans or strategies; and (2) Project Design Grants to develop project designs to support future implementation of restoration projects. Prior to applying for Project Design Grants funding, it is expected that applicants will have already performed some general planning work and preliminary studies that led to the identification of a specific location for project design. Project Design Grants should result in a final design package at approximately 60% design level.

Proposals deadline: May 2024

Reclamation may reduce or waive the non-Federal cost share requirement upon request by the applicant if an overwhelming Federal interest and a significant financial need are identified.

Funding Available:

Maximum Award: \$400,000.00

Minimum Award: \$100,000.00

Drought Contingency Planning:

Maximum Award: \$400,000.00

Minimum Award: \$25,000.00

Types of Projects: Technical Analyses to Identify Problems, Needs and Opportunities; Water Marketing and Water Rights Analyses; Research of Legal and Institutional Requirements; Decision Support Tools; Development and Comparison of Project Alternatives

Contact: ihoiby@usbr.gov

Bureau of Land Management

Ecosystem Restoration and Resilience

The Infrastructure and Investment Jobs Act allocated \$1.4 billion to the Department of Interior for Ecosystem Restoration and Resilience. The BLM has funded over \$1.1 million for implementing aquatic

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organism passage (fish passage) contributing to Ecosystem Restoration and Resilience, since the Act was authorized in 2021. The BLM is collaborating with states, Tribes, and local communities to invest in aquatic habitat connectivity, habitat restoration, invasive species control, and conservation of at-risk species and ecosystems. The aquatic organism passage projects funded so far are implemented through the Good Neighbor Authority.

The Good Neighbor Authority allows the Forest Service (FS) and the Bureau of Land Management (BLM) to authorize states, counties, and federally recognized Indian tribes to conduct certain projects on federal lands in pursuit of specified land management goals.

Contact: SPremdas@blm.gov

Federal Highway Administration

National Culvert Removal, Replacement and Restoration Grant Program

The National Culvert Removal, Replacement, and Restoration Grant Program (Culvert Aquatic Organism Passage (AOP) Program) is an annual competitive grant program administered by the Federal Highway Administration and established by the BIL. Grants are awarded to eligible entities for projects that **replace, remove, and repair culverts or weirs that meaningfully improve or restore fish passage for anadromous fish**. The BIL appropriated \$1 billion to the program over five years.

Eligibility: Tribes, states, and units of local governments.

Proposal Deadline: February 2023

Funding Available: There is no minimum or maximum award size for the FY 2022 Culvert AOP Program. In FY 2022, DOT anticipates awarding hundreds of Culvert AOP Program Grants with anticipated awards ranging from \$100,000 to \$2,000,000. DOT may also make awards outside of this range.

Types of Projects: Projects to replace, remove, or repair culverts that would meaningfully improve or restore fish passage for anadromous fish.

Projects to replace, remove, or repair weirs that would meaningfully improve or restore fish passage for anadromous fish. With respect to weirs, the project may include: 1) infrastructure to facilitate fish passage around or over the weir; and 2) weir improvements.

Contact: CulvertAOP@dot.gov

FHWA can connect you with your local FHWA office and support you with technical assistance for planning, design, construction, preserving, and improving public roads and in the stewardship of Federal funds. For assistance, visit: https://www.fhwa.dot.gov/bipartisan-infrastructure-law/technical_support.cfm

Bridge Investment Program

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The Bridge Investment Program (BIP) is an annual competitive, discretionary grant program established by the BIL and administered by the Federal Highway Administration. The BIP focuses on existing bridges and culverts, having a span greater than 20-feet, with a goal to **reduce the overall number of bridges in or at risk of falling into poor condition**. The BIP allows up to 5% of BIP funding, or \$125 million per year, to be used for eligible projects that consist solely of culvert replacement or rehabilitation of bridge-sized culverts for the purpose of improving flood control and improved habitat connectivity for aquatic species.

Eligibility: States, local governments, Tribes and other entities

Proposal Deadline: March 2024

Funding Available: Bridge Project Grants under the Bridge Investment Program are available for bridges with total eligible project costs up to \$100 million, with minimum grant awards of \$2.5 million, and maximum grant awards of 80 percent of the total eligible project costs. Planning Project grant applications are available for bridges with maximum grant awards of 80 percent of the total eligible project costs.

Types of Projects: The BIL establishes the Bridge Investment Program (BIP) to provide grants, on a competitive basis, to improve bridge condition and the safety, efficiency, and reliability of the movement of people and freight over bridges.

Contact: BridgeInvestmentProgram@dot.gov

CA Dept of Water Resources

[Program Guidelines](#)

[Riverine Stewardship Program](#), San Joaquin Fish Population Enhancement Program (SJFPEP) and the Urban Streams Restoration Program

The Riverine Stewardship Program, in coordination with the San Joaquin Fish Population Enhancement Program (SJFPEP) and the [Urban Streams Restoration Program](#) (USRP), will make funding available for planning and implementation of projects that restore streams, creeks, and rivers to enhance the environment for fish, wildlife, and people through one grant cycle.

The USRP funds projects and provides technical assistance to restore streams affected by urban development to a more natural state. Goals include: (1) protecting, enhancing and restoring the natural, ecological value of streams; (2) preventing future property damage caused by flooding and bank erosion; and (3) promoting community involvement, education, and riverine stewardship.

Eligibility: Tribes, local public agencies, and certified nonprofits are eligible to receive funding under the RSP as specified below. For-profit corporations, non-public entities, and individual landowners are not eligible. Other applicant types such as community groups, will be considered on a case-by-case basis.

Proposal Deadline: The Riverine Stewardship Program will begin accepting concept proposals starting on June 1, 2022. Concept proposals and applications will continue to be reviewed and accepted until all the funds are awarded.

Funding Available: Varies by program

Types of Projects: Habitat restoration, green infrastructure designs and solutions that improve water quality or supply issues that directly affect aquatic habitat or species, fish friendly intakes/diversions near agricultural drainage, barrier removal, or connectivity enhancements and gravel injection projects.

Contact: RSP@water.ca.gov

CA Dept of Fish and Wildlife

[Fisheries Restoration Grant Program](#)

[2024 FRGP Proposal Solicitation Notice](#)

[FRGP Grant Process](#)

Each year, FRGP issues millions of dollars in grants to public agencies, Native American Indian Tribes, and nonprofit organizations for projects that lead to process-based restoration, enhancement, or protection of anadromous salmonid habitat. For more information on FRGP grants, please visit the FRGP Grant Process page. Each proposal received by the due date goes through a rigorous review process by the FRGP Technical Review Team (TRT), and the Director of CDFW. Through this process, proposals are evaluated and scored based on technical merit, biological soundness, and cost effectiveness, as well as CDFW and NOAA Fisheries goals and objectives. In brief, the review process is as follows:

Eligibility: Eligible applicants include state and local government agencies, public entities, Native American Indian Tribes, and nonprofit organizations. Private individuals and for-profit enterprises are not eligible for funding. Private entities with quality restoration projects are encouraged to partner with an eligible applicant to apply.

Proposal Deadline: The 2024 FRGP PSN included an optional concept proposal phase that is now closed. The full application phase of the 2024 PSN is open until April 18, 2024 at 3:00pm.

Funding Available: Annually fund ~\$14 million in projects from NOAA Pacific Coastal Salmon Recovery Fund, Fund 25-40 projects a year (15-25 implementation projects)

Types of Projects: Three tiers of priority, huge variety of project types, from water conservation, barrier modification, bank stabilization, Project Design (Priority 1), monitoring and evaluation (Priority 2), technical training, capacity building (Priority 3)

Contact: FRGP Program Contacts: frgp@wildlife.ca.gov

[FRGP Program Contacts](#)

Fish Habitat Partnerships Funding

California Fish Passage Forum Annual RFP

The California Fish Passage Forum receives funding through NFHP (via the U.S. Fish and Wildlife Service (USFWS)) to advance shared goals of protecting, restoring, and enhancing fish habitat – with the Forum’s specific focus on anadromous fish populations in California. Good source of cost-share for your project, for situations such as: funding for unanticipated design needs or design cost increases, funding for implementation cost overruns and cost increases due to inflation, funding for project monitoring, consultations with permitting advisors to assist with permitting your project.

The Forum will award an estimated \$250,000-\$350,000 in FY2025 for projects that advance its mission. This amount is based on previous funding received from the NFHP for this purpose. The exact amount of funding available varies annually and is not known currently.

Eligibility: Eligible applicants include state, tribal, and federal management agencies, non-governmental organizations (e.g., conservation groups, community associations, watershed councils, cooperatives, civic groups), municipalities, universities, schools, private landowners, and local governments.

Proposal Deadline: Feb 2024

Funding Available: No minimum request, up to \$100,000 (sometimes more for exceptional projects.)

Types of Projects: Cost share for projects in planning, design, and implementation for barrier remediations and removals, habitat restoration, effectiveness monitoring and

Contact: info@cafishpassageforum.org

Pacific Lamprey Conservation Initiative Annual RFP

Each year, the Pacific Lamprey Conservation Initiative’s (PLCI) Regional Management Units (RMUs) meet to revisit, and when necessary, revise their Regional Implementation Plans (RIPs). The purpose of this process is to encourage communication and collaboration among partners, facilitate access to funding, and support the development and implementation of high-priority restoration and research projects that directly benefit Pacific Lamprey throughout their historical range in the United States. PLCI will award an estimated \$250,000-\$350,000 in FY2025 for projects that advance its mission. This amount is based on previous funding received from the NFHP for this purpose. The exact amount of funding available varies annually and is not known currently. Eligibility same as for CFPF.

Proposal Deadline: Fall 2023-Spring 2024 (closed this year)

Funding Available: No minimum request, general funding for each project is from \$15,000-\$75,000.

Types of Projects: Projects that address status and threats to Pacific Lamprey such as habitat restoration, passage improvements, research, outreach and education, etc.

Contact: info@pacifclamprey.org

Pacific Marine and Estuary Partnership Annual RFP

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The Pacific Marine and Estuarine Fish Habitat Partnership (PMEP) is one of 20 regional fish habitat partnerships in the United States. Its mission is to provide science, data, and funding to conserve and restore West Coast nearshore and estuarine fish habitat. Learn more about PMEP at www.pacificfishhabitat.org. PMEP supports estuarine and nearshore marine fish habitat protection, restoration and assessment projects through the National Fish Habitat Partnership (NFHP). To read about recent PMEP-funded projects, please visit <http://www.pacificfishhabitat.org/pmep-funded-projects/>. PMEP will award an estimated \$250,000-\$350,000 in FY2025 for projects that advance its mission. This amount is based on previous funding received from the NFHP for this purpose. The exact amount of funding available varies annually and is not known currently. Eligibility same as for CFPF.

Proposal Deadline: Feb 2024

Funding Available: Fall 2023-Spring 2024 (closed this year)

Types of Projects: Projects which conserve and restore estuarine and nearshore fish habitat along the West Coast by advancing juvenile fish rearing habitats in estuaries; fish habitat in the nearshore Pacific Ocean; and connectivity between habitats (i.e. tidal wetland-intertidal-subtidal-nearshore connectivity).

Contact: info@pacificfishhabitat.org

RESOURCES

[Environmental Policy Innovation Center](https://www.policyinnovation.org/our-work)

<https://www.policyinnovation.org/our-work>

[California Trout](https://caltrout.org/regions)

<https://caltrout.org/regions>

[Sustainable Conservation- Accelerating Restoration Program](#)

Regulatory approval of environmental restoration projects can be slow, complex, and expensive. Sustainable Conservation's Accelerating Restoration program works with state and federal agencies in California to simplify the permitting process, while maintaining strict environmental standards, so more restoration can be done now, not years from now, to help our wildlife and communities thrive.

With a 30-year legacy of uniting people across industries, agencies, nonprofits and communities to address environmental challenges, Sustainable Conservation is uniquely positioned to present a relevant and timely technical resource for restorationists and agency regulators working in aquatic habitat restoration.

[Protection Measures Selection Tool](#)

[Access Technical Assistance and Permitting Consultations](#)

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California Department of Fish and Wildlife (CD FW) Cutting the Green Tape

CDFW's Cutting the Green Tape program is a statewide effort, representing environmental permitting and grant funding programs with added support from general counsel and executive leadership. This program is leading efforts to develop and implement improvements to how CDFW issues permits and administers its grant programs, to accelerate the pace and scale of restoration throughout the state.

CDFW North Coast Salmon Project

The California Department of Fish and Wildlife (CDFW) launched a new initiative, the North Coast Salmon Project (NCSP) in 2018 to expedite and enhance efforts to recover threatened and endangered Coho Salmon in California. The NCSP has initially focused on developing strategies to be applied in four specific watershed areas (Lagunitas Creek, Russian River Tributaries Mendocino Coast, and Eel River Watershed); these approaches will then be extended across the entire North Coast.

The NCSP is guided by an Advisory Team consisting of representatives from conservation groups and resource management agencies who work in the North Coast region including California Trout, Trout Unlimited, Salmonid Restoration Federation, The Nature Conservancy, and the California Association of Resource Conservation Districts. In addition, CDFW will seek input from local stakeholders and tribes within each of the four initial watersheds identified above.

Salmon Habitat Restoration Priorities

NOAA Fisheries and the California Department of Fish and Wildlife are implementing a collaborative process called SHaRP (Salmon Habitat Restoration Priorities) to identify priority actions for restoring California's salmon and steelhead habitat.

CDFW North Coast Salmon Project website: [North Coast Salmon Project \(ca.gov\)](https://www.cdwr.org/north-coast-salmon-project)

NMFS SHaRP website: [Collaborating to Identify Salmon Habitat Restoration Priorities in California Watersheds | NOAA Fisheries](https://www.fishbase.org/feature-story/collaborating-to-identify-salmon-habitat-restoration-priorities-in-california-watersheds)

Contact info: NCSP@wildlife.ca.gov Trevor.kumec@wildlife.ca.gov

Common Federal Agency Criteria

U.S. Fish & Wildlife Service

This document shares a common set of criteria used by Task Force federal agencies to guide funding and project decisions.

Aquatic Barrier Inventory and Prioritization Tool

Southeast Aquatic Resource Partnership (SARP)

This inventory is a growing and living database of dams, culverts, and other road crossings compiled by the Southeast Aquatic Resource Partnership with the generous support from many partners and funders. The inventory directly supports prioritization of aquatic barriers by including metrics that describe network connectivity, landscape condition, and presence of threatened and endangered aquatic organisms.

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Fish Passage Training Portal and Checklists

The American Fisheries Society – Bioengineering Section Education Committee, in partnership with the American Society of Civil Engineers - Environmental & Water Resources Institute, Joint Committee on Fisheries Science and Engineering has created this resource for upcoming Fisheries Engineering and Science Professionals. The purpose of this Portal is to house a user-friendly compilation of links to available trainings, focusing on project implementation at all phases of a project.

California Salmon Strategy for a Hotter, Drier Future: Restoring Aquatic Ecosystems in the Age of Climate Change (PDF)