

Description

This interactive mapping application shows the projects funded by the Pacific Coastal Salmon Recovery Fund (PCSRF) from the year 2000 to the present, that were implemented by the Columbia River Inter-Tribal Fish Commission (CRITFC) or one of its four member tribes (Yakama, Umatilla, Nez Perce, and Warm Springs). CRITFC coordinates the PCSRF grant process for its member tribes and collects and aggregates information about the different projects for reporting to the National Oceanic and Atmospheric Administration (NOAA) PCSRF program.

Congress established PCSRF in 2000 to protect, restore, and conserve Pacific salmon and steelhead populations and their habitats. NOAA Fisheries manages the PCSRF program and provides funding to states and tribes to implement restoration projects in the Pacific Coast region — Washington, Oregon, California, Nevada, Idaho and Alaska. Thousands of PCSRF projects have been implemented since the program's inception, from providing fish passage to restoring wetlands, and have made important contributions to the health of threatened and endangered salmon and steelhead populations. For more information about the PCSRF program, please see the following link: <https://www.fisheries.noaa.gov/west-coast/endangered-species-conservation/pacific-coastal-salmon-recovery-fund>.

Map Layers

List of layers in map that are described in detail in this document:

PCSRF Projects

Columbia River NWPCC Subbasins

All other layers are for reference purposes only and will not be described.

PCSRF Projects

This interactive map displays a point for each PCSRF project that has occurred. Some projects span multiple sites or sections of stream, so these points are only representative of the general location of the project and should not be used to assume on-the-ground activity. The points are color-coded by project type as shown in the legend.

Each PCSRF Project contains a standardized set of attributes (fields) to describe it. These attributes may be viewed by clicking on the project in the map or opening the table at the bottom the screen. Their definitions are listed below.

Tribe – The tribe that was funded to perform the project.

Nez Perce = The Nez Perce Tribe

Umatilla = The Confederated Tribes of the Umatilla Indian Reservation

Yakama = The Confederated Tribes of the Yakama Nation

Warm Springs = The Confederated Tribes of the Warm Springs Reservation

CRITFC = The Columbia River Inter-Tribal Fish Commission

Project ID – The unique identifier assigned to the Project. The first four digits represent the year that the project was initiated.

Project Name – The name of the project.

Report Link – A clickable link (URL) to a report that contains more detail about the project including the proposed start and end dates, the funding amount, and a detailed project description.

Project Type – The type of project. Each project is given a type in order to categorize the work that will occur and the metrics that will be reported. Project types include the following:

Program Administration - Oversight and administrative activities conducted by the grantee or Subgrantee to disperse funds to contractors/sponsors and support PCSRF projects. This category consists of grantee administrative overhead costs and does not include individual project, contractor or sponsor costs.

Public Outreach and Education - Projects that educate constituencies on the value and types of actions that should be taken for conservation, restoration, and sustainability of Pacific salmonid populations and their habitat. This includes landowner recruitment; workshops; forums; preparation of educational materials and displays; training; establishing interpretive sites such as public viewing of wild salmon; and fostering citizen participation.

Salmon Enhancement - Projects that are for enhancing naturally spawning anadromous salmonid populations through improvements to hatchery production and/or supplementation; marking hatchery stocks; conducting hatchery evaluations and implementing hatchery reform; conducting fishery evaluations and assessments; managing fisheries to eliminate impacts on ESA-listed salmonids; reducing fishing effort on depressed wild stocks; conducting fisheries enforcement; and, developing and implementing Pacific Salmon Treaty harvest regimes.

Salmon Habitat Protection and Restoration - Projects that restore ecosystem characteristics and processes and address priority habitat factors that are limiting salmonid production. There are 12 different types (sub-categories) of habitat projects: Fish Screening; Fish Passage; Instream Flow; Instream Habitat; Riparian Habitat; Upland Habitat; Water Quality; Wetland; Estuarine/Nearshore; Land/Easement Acquisition/Lease; Site Maintenance; and, Pre-Restoration Acquisitions and Nursery Operations.

Salmon Research, Monitoring, and Evaluation - Projects that conduct research or monitoring/evaluation in the field. Salmonid and habitat monitoring is to: 1) evaluate the status and trends of salmonid populations and their habitat; 2) evaluate the effectiveness of multiple restoration projects (e.g., effectiveness monitoring); 3) evaluate the effectiveness of a particular restoration prescription; or 4) evaluate effectiveness of salmonid or habitat management strategies.

Watershed and Sub-basin Planning and Assessment - Projects that assess current or baseline salmonid habitat conditions to determine factors limiting native salmonid production and develop/implement/coordinate necessary measures to restore habitat and recover salmonid populations. This includes projects that develop, maintain or coordinate implementation of Recovery Plans, Watershed Assessments, restoration plans, subbasin plans, and monitoring/sampling plans. Projects include restoration planning

and implementation coordination; participation in recovery plan development and implementation; conducting watershed assessments and surveys; habitat/species mapping and inventory; evaluation/analysis of restoration plans and projects; assessing salmon presence and habitat conditions; and, organizational infrastructure support and staffing for watershed councils, local conservation groups, and tribal entities involved in salmonid restoration.

Other Programmatic Activities – Other activities not described within the six categories listed above.

Columbia River Subbasins

This is a high resolution dataset delineating the Northwest Power and Conservation Council (NPCC) Subbasin boundaries for planning and reporting purposes and are nested within higher order Ecological Provinces. The planning Subbasins have been in use by the Council for conservation planning purposes since 2001.

This specific dataset was derived from the 6th Level HUCs (HUC_12) National Watershed Boundary Dataset (WBD). The best available version of the WBD from May 2011 was used for this process, however the WBD is continually updated, therefore later versions of the WBD boundaries may not match exactly the boundaries found here. StreamNet is the official developers and repository of the Council's Subbasin spatial data and is periodically updated. Visit StreamNet's data page to get the latest version - <https://www.streamnet.org/home/data-maps/gis-data-sets/>.

Note that although the NWPCC called these polygon features Subbasins, not all represent the hydrologic unit code (HUC) level 4 called Subbasin. Several are polygons of drainage areas smaller than the Subbasin at the Watershed and Subwatershed level. The NWPCC simplified the naming convention and calls all of these important water drainage units Subbasins.

Subbasin – Name used by NWPCC for the subbasin feature.

Eco Prov – NWPCC ecological province's name. Several subbasins are nested within a single EP.

NPCC Subs – Number assigned to the subbasin by NWPCC.

CRB - Is the subbasin within the Columbia River Basin? (Y)es or (N)o. The NWPCC is responsible for the Pacific Northwest Subbasin planning and reporting, a large portion of the subbasins in the Pacific Northwest are within the Columbia River Basin compared to coastal basins. This project focused on the Columbia River Basin.

SQMI – Area of the subbasin, in square miles

Credits

Information about the PCSRF projects were submitted by the project proponents to CRITFC staff. CRITFC staff compiled this information into the NOAA database format, and for mapping in a G.I.S.

Contact

Questions or comments about the mapping application or the information shown therein? Please direct them to David Graves at CRITFC (email: grad@critfc.org, phone: (503) 238-0667).