

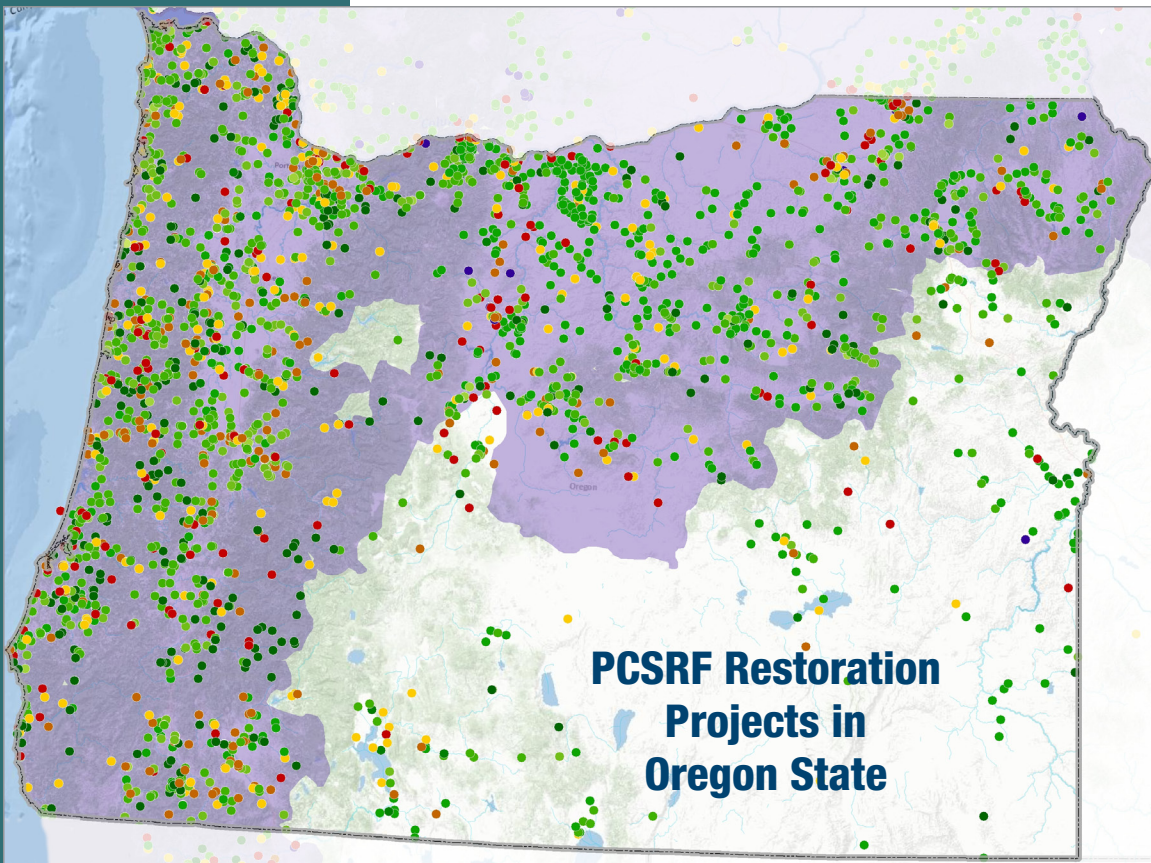
PACIFIC COASTAL SALMON RECOVERY FUND

The Pacific Coastal Salmon Recovery Fund advances the protection, restoration, and conservation of Pacific salmon and their habitats. The program also plays a vital role in supporting the economies of local communities from California to Alaska, upholding Tribal Treaty fishing rights and subsistence fishing traditions, and restoring salmon populations to productive and viable levels along the entire West Coast.

Economic Benefits of Salmon Restoration in Oregon State

Pacific salmon and steelhead are much more than essential elements of a healthy Pacific Coast ecosystem; they are cultural icons woven into the fabric of local communities and economies. Salmon runs tie the region's people to the landscape, but pressures from a changing environment and human activities have compromised the strength of these runs. The Pacific Coastal Salmon Recovery Fund (PCSRF) was established by Congress in 2000 to reverse the declines of Pacific salmon and steelhead, supporting conservation efforts in California, Oregon, Washington, Alaska, Idaho, and Nevada. The program is essential to preventing the extinction of threatened and endangered populations and, in many cases, has stabilized the populations and contributed to their recovery course.

A \$1 million investment in watershed restoration, of which PCSRF funding plays a significant role, results in 15-33 new or sustained jobs and \$2.2-2.5 million in total economic activity.



PCSRF Projects in Oregon State

ESU Status

- Endangered
- Threatened

Project Types

- Enhancement and Harvest Management
- Habitat Protection and Restoration
- Outreach and Education
- Planning and Assessment
- Research, Monitoring, and Evaluation



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Guiding Restoration Through Science & Collaboration

Over the past 12 years, PCSRF catalyzed the development of a vibrant community of salmon restoration experts and fostered indispensable partnerships among landowners, local governments, and state, tribal, and federal agencies. The collaborative nature and strong scientific foundation of PCSRF restoration efforts ensures that funds are effectively and efficiently benefiting salmon populations and their habitats.

Leveraging Funds & Stimulating Local Economies

NOAA Fisheries, the agency charged with administering PCSRF's competitive grants process, has awarded states and tribes an average total of \$77 million annually since the program's inception. To date, the program has leveraged an additional \$518 million in total matching state funds. These investments have significant impacts on local economies and support local job development. A \$1 million investment in watershed restoration, of which PCSRF funding plays a significant role, results in 15-33 new or sustained jobs (Edwards et al. 2012; Nielsen-Pincus and Moseley 2010) and \$2.2-2.5 million in total economic activity (Nielsen-Pincus and Moseley 2010).

Every dollar invested in salmon restoration travels through the economy in several ways: Restoration project managers hire consultants, contractors, and employees to design, implement, and maintain projects;

consultants and contractors hire field crews, rent or purchase equipment, and buy goods and services; and employees spend wages on goods and services to support their livelihoods in their own community (Nielsen-Pincus and Moseley 2009).

On-the-Ground Success

With this funding and these jobs, states and tribes have undertaken over 10,700 projects, resulting in significant changes in the availability and quality of salmon habitat. Since 2000, access to over 920,000 acres of spawning and rearing habitat has been restored and protected for salmon, and now they have access to 7,100 miles of previously inaccessible streams. The program has also established robust planning and monitoring programs to support prioritization and tracking for salmon and steelhead population conservation.

PCSRF at Work in Oregon State

In Oregon State alone, the Oregon Watershed Enhancement Board (OWEB) has received over \$159 million in PCSRF funds with an additional \$277 million in state matching funds since 2000. These funds have supported the implementation of nearly 4,400 projects and the restoration of 460,415 acres of habitat.

Ecological Metrics in the State of Oregon FY 2000-November 2012		
Output	Indicator	Completed
Instream Habitat Projects	Stream Miles Treated	764
Wetland Habitat Projects	Acres Created	201
	Acres Treated	5,162
Estuarine Habitat Projects	Acres Created	---
	Acres Treated	266
Land Acquisition Projects	Acres Acquired or Protected	70,350
	Stream Bank Miles Acquired or Protected	2,968
Riparian Habitat Projects	Stream Miles Treated	5,182
	Acres Treated	58,775
Upland Habitat Projects	Acres Treated	396,011
Fish Passage Projects	Number of Barriers Removed	1,222
	Stream Miles Opened	3,899
	Number of Fish Screens Installed	1,335
Monitoring Projects	Stream Miles Monitored	107,762

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Photo above: Middle Fork John Day River before reconfiguration to restore the river's historical path and condition. Photo below: John Day River after



In 2010, for example, OWEB sponsored a monitoring project in the Middle Fork John Day River Basin to assess the effectiveness of existing restoration strategies and to identify future restoration priorities. Past restoration efforts typically did not include effectiveness monitoring programs to determine if restoration actions deliver the intended benefits to fish populations. Intensively monitored watersheds have been developed to detect the linkages among restoration, habitat changes, and fish populations. The Middle Fork John Day River Basin is one of these intensively monitored watersheds and this monitoring project, with the help of PCSRF funds, documents improvements to salmon habitat and assesses how restoration actions affect the health of salmon at a large scale. To date, results indicate that over ten years of restoration actions in the watershed have improved water and habitat quality, as well as fish migration opportunities. This information is being used to guide priorities for current and future restoration investment decisions.

PCSRF's role in restoring the region's salmon runs to healthy, viable levels is critical but just as important is the program's role in supporting the economies of local communities, like those in Grant County.