Sacramento Valley Salmon Recovery Program

A collaborative effort underway in the Sacramento Valley engaging a diverse group of entities to promote salmon recovery in an innovative and comprehensive manner.

**About**

Over the past few years, the Sacramento Valley Salmon Recovery Program (SVSRP) has focused on creating a pathway for salmon and steelhead habitat for Chinook salmon and steelhead. The SVSRP is a collaborative effort of water management entities, conservation organizations and state and federal agencies to provide strategic salmon habitat restoration in the Sacramento Valley through the identification, prioritization and completion of habitat improvement projects. Leveraging a framework from the National Marine Fisheries Service's Recovery Plan for the Sacramento River, the SVSRP has developed an innovative, multi-tiered strategy to address all life cycle stages of salmon habitat.

**Addressing All Stages of the Salmon Lifecycle**

Importantly, the SVSRP includes projects that collectively benefit to Chinook salmon across all stages of their life cycle in the Sacramento Valley habitat including spawning and rearing, migration, spawning and rearing.

**Flow Approvements**

The major rivers and streams of the Sacramento Valley provide essential pathways for spawning salmon and steelhead. Flow approaches to benefit steelhead are so many, many more opportunities to support salmon and steelhead.

**Food for Fish**

As a result of all the Sacramento Valley Salmon Recovery Program’s habitat actions and other related efforts, the river is actively being managed as a critical and dynamic ecosystem. To learn more visit: http://www.norcanwater.org/sv-sr-program.html/

**Projects**

- **Previous Completed Projects:**
  - Delta Salmon Recovery Project (Sacramento River)
  - Mission Slough Water Quality Program
  - Pescadero Slough Water Quality Program
  - The project was designed to enhance the existing spawning grounds and provide additional rearing habitat for Chinook salmon and steelhead.
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- **Upcoming Projects:**
  - Salmon Recovery Habitat Project (Sacramento River)
  - Restoration of the shared channel of the American River (Sacramento River)
  - Implementation plans on developing estuaries (Northern California Association of Governments)
  - The proposed project will be a key component of the future Delta Salmon Recovery Project.
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**Stressors**

- Spawning & Egg Incubation
- Fry & Juvenile Rearing
- Ocean Rearing
- Adult Upstream Migration
- Adult Holding

**Salmon Life Cycle**

1. Spawning & Egg Incubation
2. Fry & Juvenile Rearing
3. Ocean Rearing
4. Adult Upstream Migration
5. Adult Holding

**Creation of a Spawning Riffle near Market Street Bridge (2014)**

Project Champion: Glenn-Colusa Irrigation District

**Paladine’s Riffle Anadromous Fish Habitat Enhancement Project (2016)**

Project Champion: Delta-Golden Global District

**Cypress Avenue Bridge North - Side Channel Habitat Restoration & Enhancement Project (2016)**

Project Champion: Glenn-Colusa Irrigation District

**North Bank Fish Ladder Salmon Stock Fish Trap (2015)**

Project Champion: Sacramento Municipal Utility District

**Fish Barrier at Ladder 21 Outfall (2015)**

Project Champion: Anderson-Cottonwood Irrigation District

**Pritchard Lake Pumping Plant Fish Screen Project (2015)**

Project Champion: Sacramento Municipal Utility District

**Fish Screen Project (2014)**

Project Champion: Sacramento County Flood Control and Drainage District

To learn more visit: http://www.norcanwater.org/