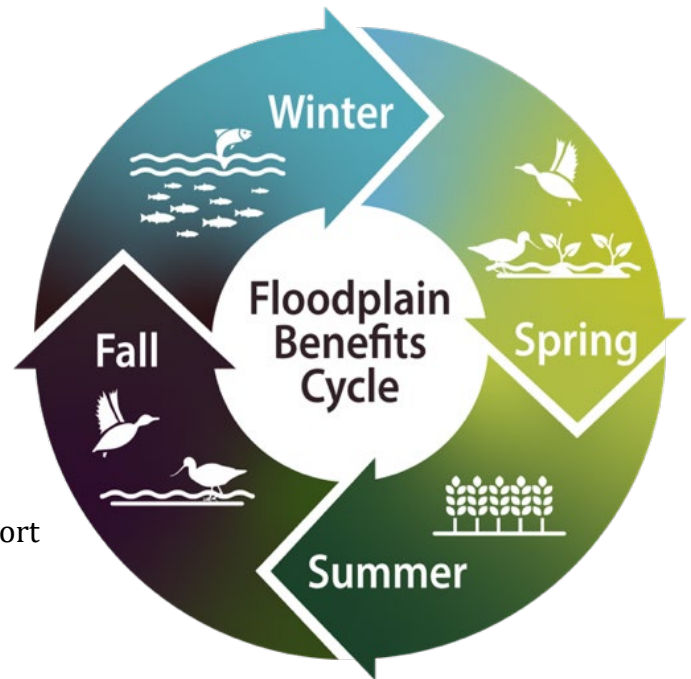


PROGRAM BRIEF

Vision

Improve floodplain function for multiple purposes through voluntary collaborative partnerships with private landowners, sovereign tribal entities, government, and non-government representatives.

This program will work in concert with a constellation of efforts underway in the Colusa, Butte, and Sutter Basins in the Mid-Sacramento River Valley region to improve the floodplain functional connectivity to support salmon, birds, and agriculture.



Priorities

Floodplain functional connectivity complements the multiple priorities including: • floodplain connectivity • floodplain wildlife • ecosystem health • water supply • flood control • agriculture • water quality • indigenous cultural values • economic prosperity • recreation • community way of life • carbon as a greenhouse gas • collaboration • urgency • resiliency and flexibility.

Principles

1. Voluntary, locally driven program.
2. Respect and work within existing land ownership and uses; indigenous land stewardship and cultural resources; and flood management functions, including operations and maintenance.
3. Seek to share understanding of each other's interests, joint investigation, and collaborative generation of options and evaluation.
4. Cultivate mutual respect and appreciation between sovereign tribal entities, private landowners, government, and non-government representatives.
5. Promote coordinated and efficient actions.

Program Structure



Steering Committee

- **Membership:** Eleven (11) appointed members from the Advisory Committee.
- **Role:** Steer the program, adopt key deliverables, and work with the Program Team to design and provide feedback on the process, approach, and materials.



Advisory Committee

- **Membership:** Broad representation of interests including agricultural landowners; hunting clubs and wetland preserves; local, state, and federal agencies; tribes; flood managers and maintainers; water suppliers; research institutions; river, wildlife, and agriculture NGOs.
- **Role:** Make recommendations to the Steering Committee.



Ad-Hoc Groups

- **Membership:** Technical representatives who contribute to the quantification of benefits, constraints, modeling, and evaluation of potential structural and biological options.
- **Role:** Provide science and technical input, make proposals to the Advisory Committee.

Program Team

- **Reclamation District 108** – Program Director and grant recipient
- **KSN** – Project Manager and engineering support
- **Kearns & West** – Stakeholder involvement and facilitation services
- **Larsen & Wurzel Associates** – Process advisors
- **cbec** – Hydrologic & hydraulic model development
- **Cramer Fish Sciences** – Fisheries analyses
- **Point Blue** – Bird analyses
- **San Francisco Estuary Institute** – Habitat benefit quantification analyses

Phase I: Feasibility Study and Technical Assistance

Phase I, August 2021 – July 2024, is funded by California Natural Resources Agency Prop 68 grant and the U.S. Bureau of Reclamation. In cooperation with landowners, the program will evaluate the feasibility of reintroducing low flows during the agricultural off-season, onto lands owned by willing landowners of the Butte Sink, Sutter Bypass and Colusa Basin. The program will explore the feasibility of combinations of actions to increase floodplain function connectivity, which is reconnecting rivers to their historical floodplains. Potential actions might include modifications to multiple existing weirs, and gated outlet structures and/or construction of new structures, as well as and improving/creating flow conveyance infrastructure needed to reactivate floodplains.

Geographic Region

The basins of focus within the historic floodplain of the Sacramento River are defined by current and potential accessibility by juvenile salmon and areas that could produce fish food for the Sacramento River including the Butte Sink down to the top of the Yolo Bypass.



Colusa Subregion

- Defining infrastructure: Colusa Basin Drain
- West of the Sacramento River, Delevan Wildlife Refuge to top of the Yolo Bypass



Butte Subregion

- Defining infrastructure: Various between Sacramento River and Butte Creek
- East of the Sacramento River, M&T Ranch to Butte Slough Bifurcation Facility



Sutter Bypass Subregion

- Defining infrastructure: Sutter Bypass East and West Borrows and adjacent properties
- East of the Sacramento River, Fremont Weir to the end of the Sutter Bypass

Geographic Area

Floodplain Benefits - Existing

