

# Flood Control, Irrigation District Facilities Protection, and Riparian Restoration: Meeting multiple objectives on the Sacramento River



# Introduction: Location



# Partners



# Decision Makers and Their Roles



**Princeton-Codora-Glenn  
Irrigation District and  
Provident Irrigation District  
(PCGID-PID)  
Contact: Lance Boyd**

**US Fish and Wildlife Service  
(USFWS)  
Sacramento River National Wildlife  
Refuge (SRNWR)  
Contact: Kelly Moroney**

# Historical Background

1900's – dense mixture of valley oak, elderberry, cottonwood, and willow dominated the site.

1930's – ~ 40% of the riparian vegetation cleared on project site for agriculture.

1950's – remnant riparian vegetation removal continued (~15%).

1970's – majority of the remaining native woody vegetation cleared (~40% of original riparian forest).

1991 – USFWS obtained fee title and added site to conservation lands.

1921

An aerial photograph of a river valley. A pink outline highlights a specific area on the right bank of the river. The river flows from the top left towards the bottom right. The surrounding land is a mix of dark and light patches, likely representing different types of vegetation or land use. The year '1921' is printed in the top right corner of the image.

# Project Overview: Habitat Improvement

- **Problem:** Current site conditions provide poor habitat and do not meet National Wildlife Refuge Goals (USFWS).

# Problem Description

- Project Process and Communication
- Pumping Plant Protection (PCGID-PID)
- Management options (USFWS)



Recently, a gravel bar has been building on site

