

SPONSOR

Delta Stewardship Council

RECORD TYPE

Project

PROGRAM OVERSEEING EFFORT

Delta Science Program

REFERENCE NUMBER

N/A

CONTRACT NUMBER

1468

STATUS

Active (0%)

TARGET DATES

Start 6/22/2016

End 2/28/2018

FUNDING

Total Proposed Funding

\$447,565

Total Actual Funding

\$0

Fund Sources

Budget Reference

Delta View ID: DSC_310

Delta Smelt Study

This research project is one of several Delta Smelt investigations supported through the Collaborative Science and Adaptive Management Program/Collaborative Adaptive Management Team process. There is persistent debate about whether the survival and recruitment of delta smelt is a function of where the upper end of the low-salinity zone is located and how it is associated with habitat quality for the species. Scientific evidence is equivocal. The project will estimate survival of Delta smelt during fall, conduct a stock-recruitment analysis, and assess occupancy and habitat quality for Delta smelt in the autumn. A secondary goal is to account for effects of imperfect smelt detection with existing monitoring methods on inferences about a variety of environmental factors and their relationship with population dynamics of Delta smelt.

CONTACTS

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ALIGNMENT WITH THE DELTA PLAN

GOAL

Protect, Restore, and Enhance the Delta Ecosystem

CORE STRATEGY

DP CS 2

Delta as a Place

Ch 5 - DP policies and recommendations: Plan to protect the Delta's lands and communities

PERFORMANCE MEASURE(S)

NA

ALIGNMENT WITH THE DELTA SCIENCE PLAN

Chapter 4

Section 4.1, Funding research

COORDINATING BODIES

N/A

TYPE

Research/Study

HYDROLOGIC REGION(S)

Delta

TOPICS

Shallow Water and Marsh Habitat, X2 Relationships (Freshwater-Seawater Interface), Fish, Delta Smelt, Rivers and Streams, Aquatic Food webs, Modeling

