

# Project-level AMMPs to address Program-level Objectives

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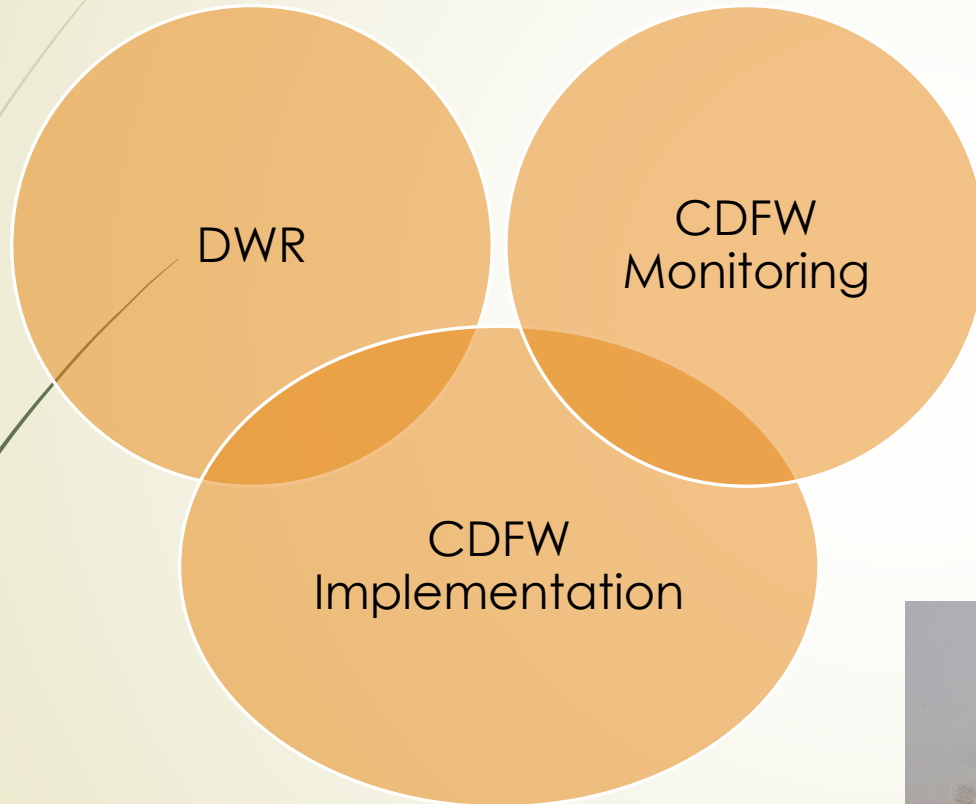
**Stacy Sherman, PhD**

**Fish Restoration Program Monitoring Team**

**California Department of Fish and Wildlife**

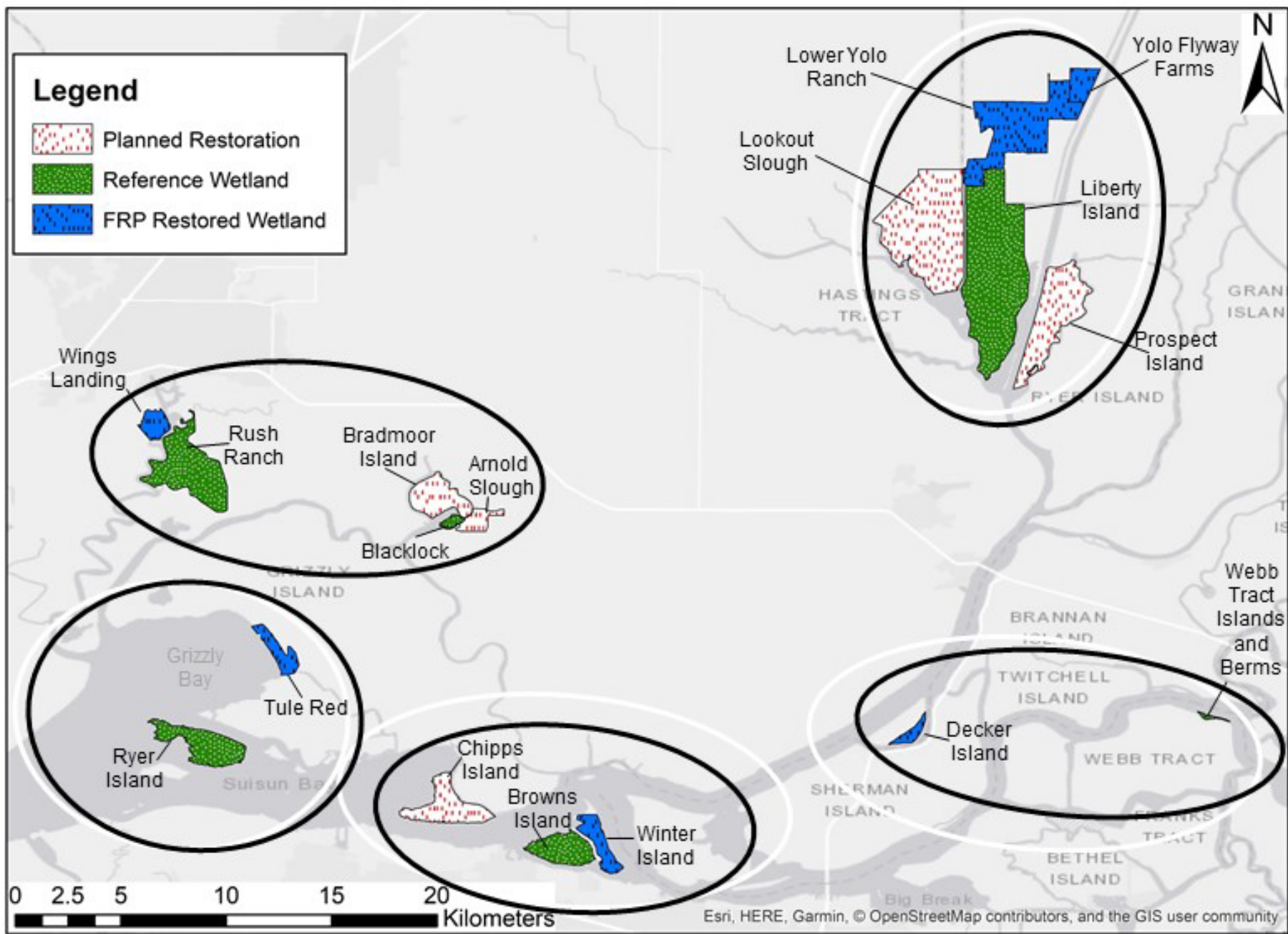


# Fish Restoration Program



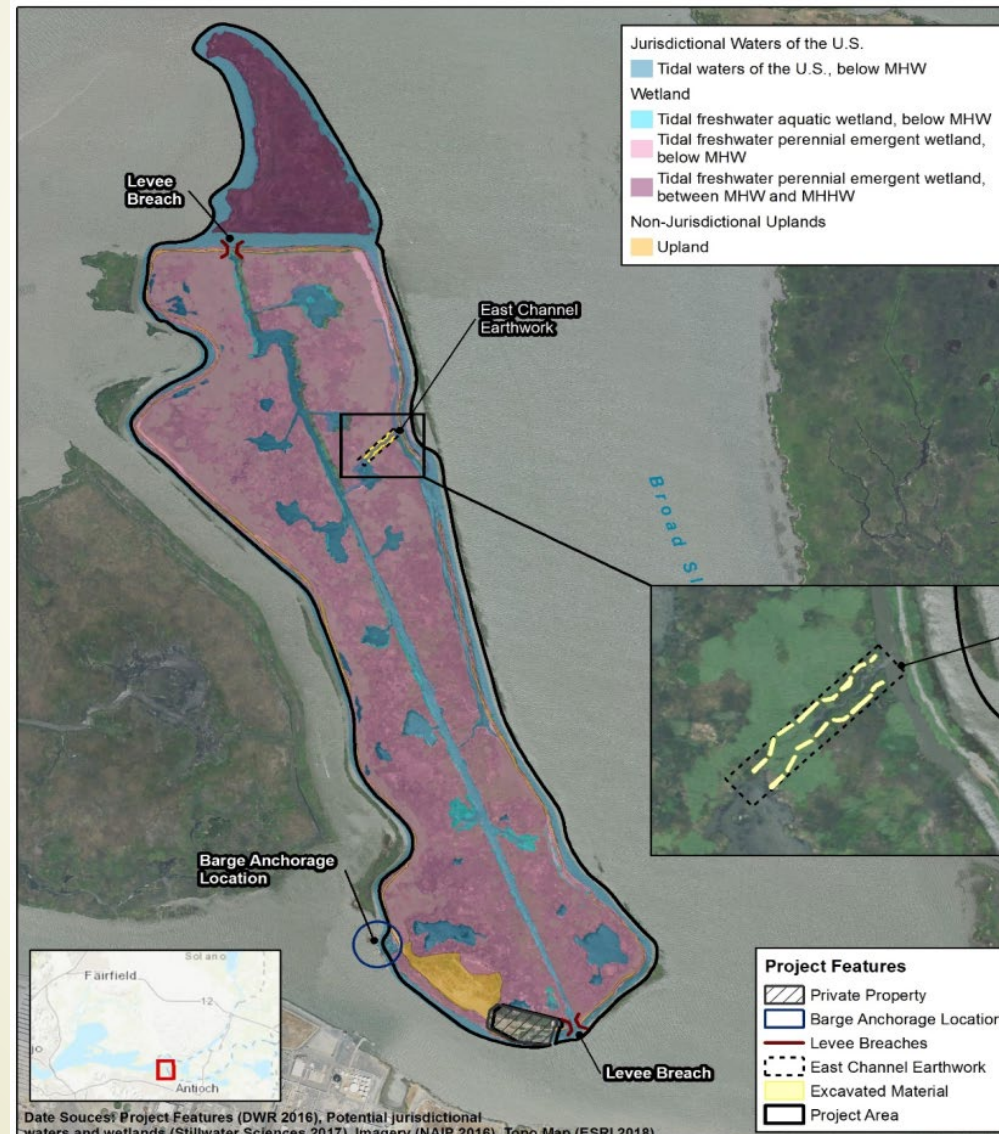
8,000+ acres  
Tidal wetland  
restoration in the  
Sacramento-San  
Joaquin Delta  
and Suisun Marsh





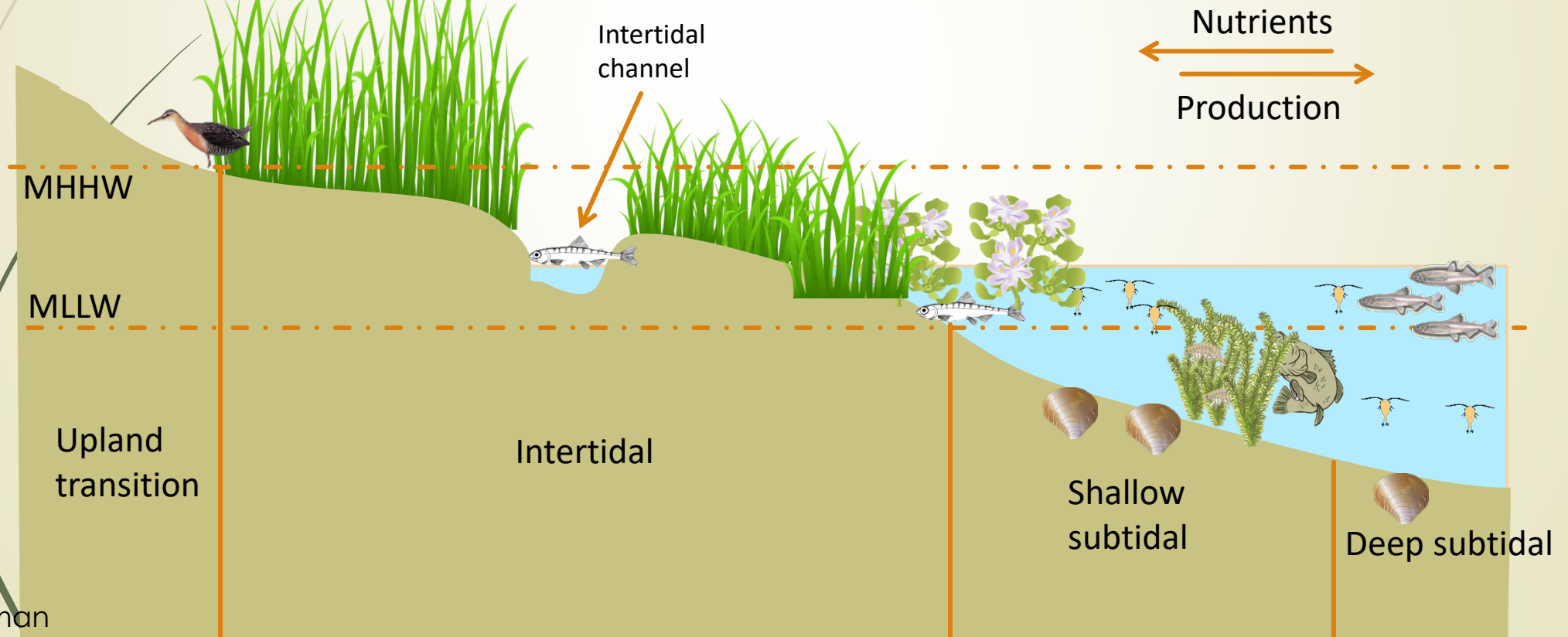


# Monitoring - Compliance



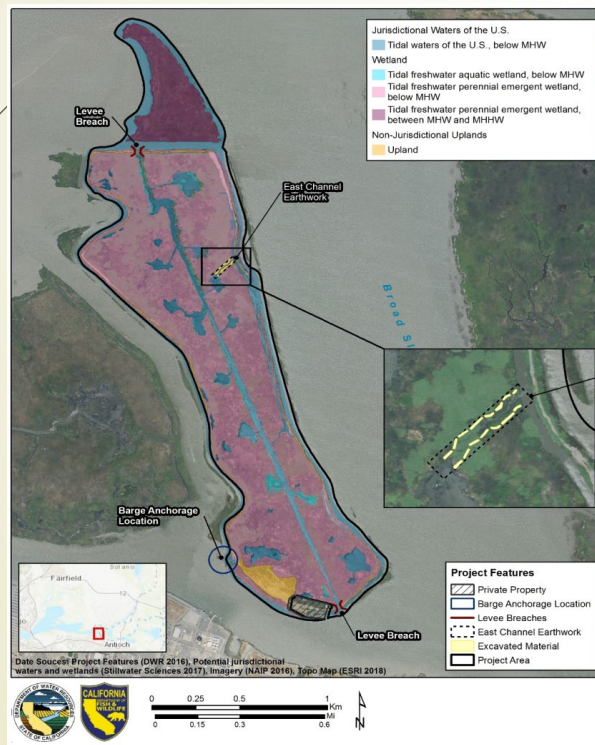
# Monitoring - Effectiveness

- Providing fish food?
- Good habitat?

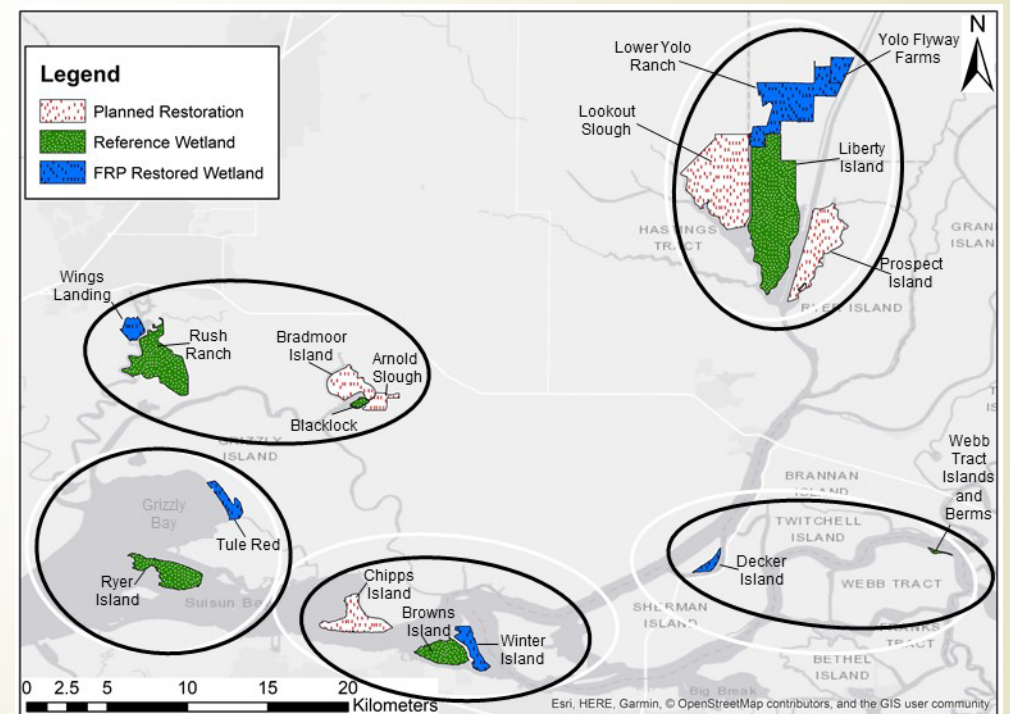


# FRP Adaptive Management and Monitoring Plans

Prepared for project

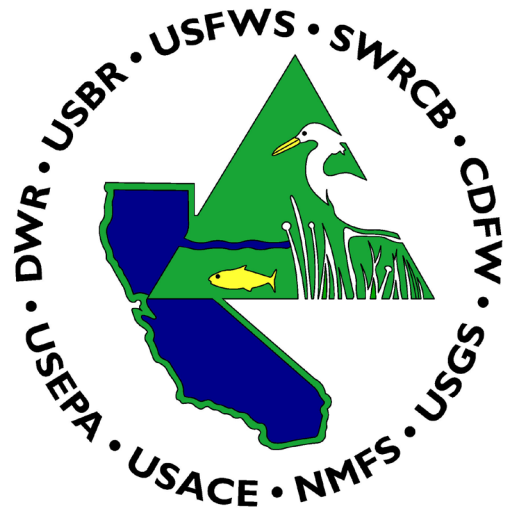


Cumulatively inform program



# Principle 1 – Get input early on

IEP Tidal Wetland  
Monitoring  
Project Work Team



**Interagency  
Ecological Program**

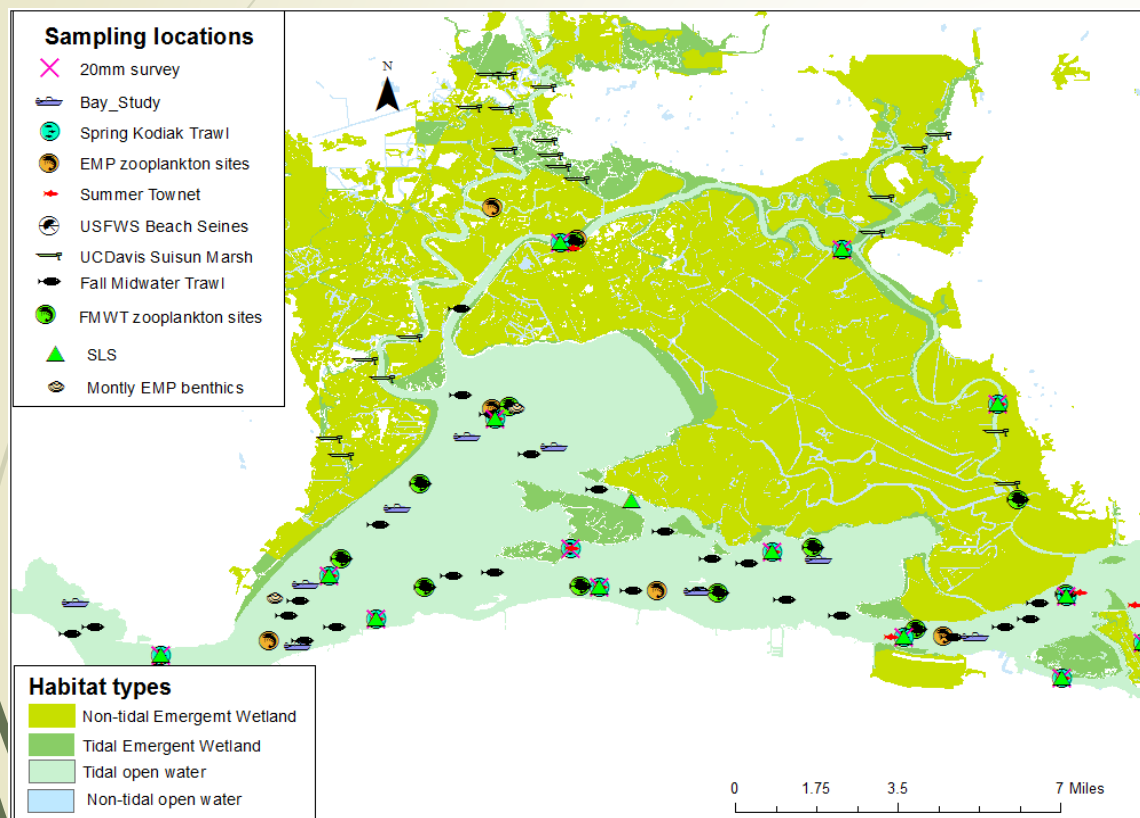
COOPERATIVE ECOLOGICAL  
INVESTIGATIONS SINCE 1970



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# Principle 2 – Use comparable methods

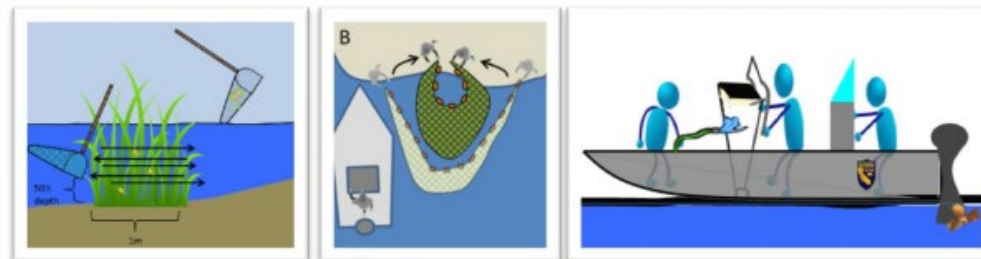


## Tidal Wetland Monitoring Framework for the Upper San Francisco Estuary Volume II: Standard Operating Procedures

8/17/2017

Version 1.0

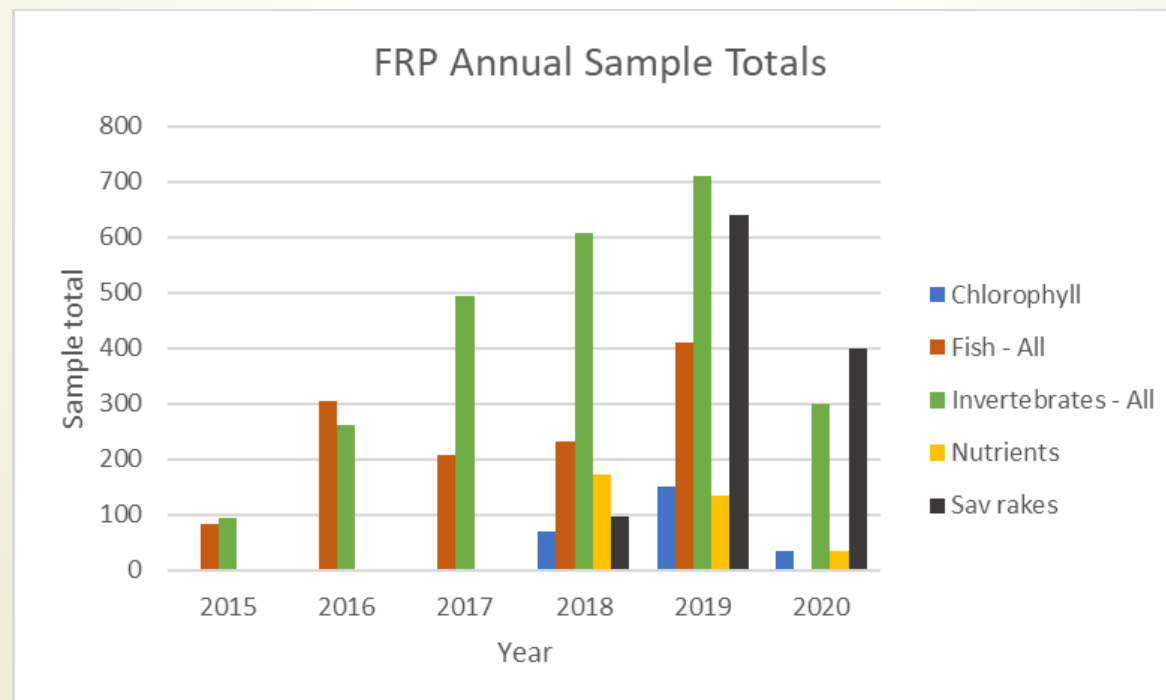
Interagency Ecological Program Tidal Wetland Monitoring Project Work Team





# Principle 4 – Retain flexibility

- 10-year post-construction monitoring plans (and permits!)
- Written prior to understanding biotic variability
- Can't monitor everything, everywhere, all the time – “**Up to**” language



# Thanks!

- Funded by DWR / State Water Contractors
- FRP Team, past and present

