

# Developing the Wetland Recovery Project (WRP) Regional Monitoring Program: Building Capacity for Assessing Wetland Recovery Efforts in Southern California



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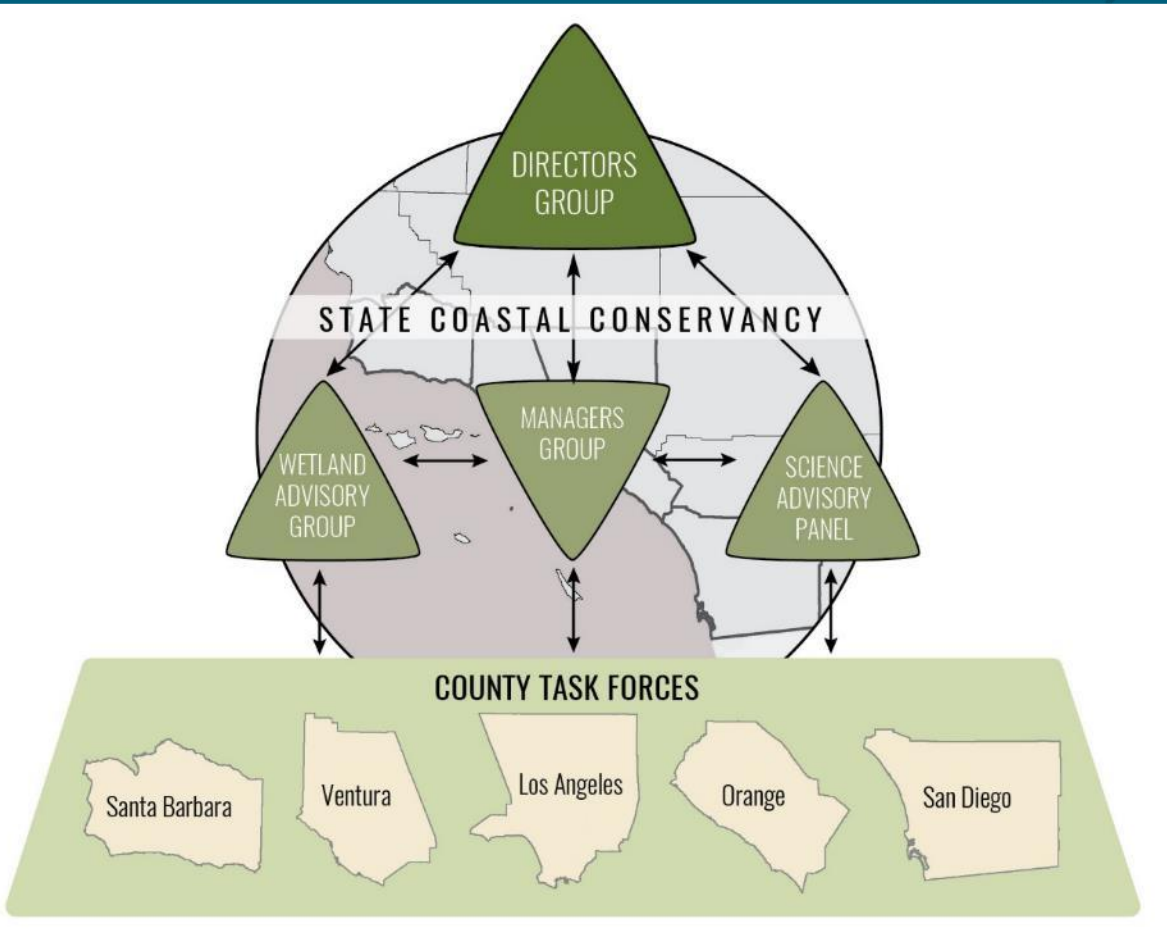
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March 2, 2022





- Overview of the Wetlands Recovery Project (WRP)
- Need for a Regional Monitoring Program
- Long-term Goals of the Regional Monitoring Program
- What has been done so far
- Anticipated deliverables from WPDG





## Federal Partners

- US Environmental Protection Agency
- National Marine Fisheries Service
- Natural Resources Conservation Service
- US Army Corps of Engineers
- US Fish and Wildlife Service

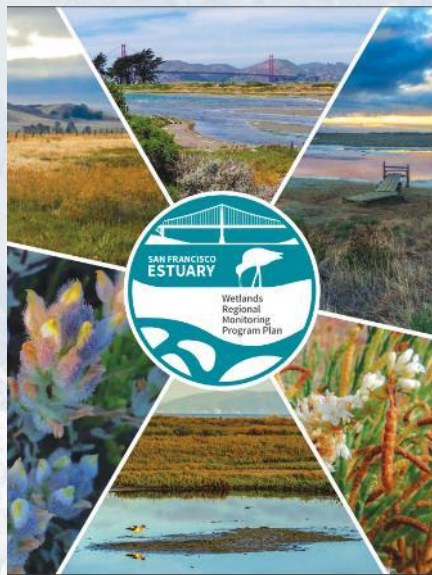
## State Partners

- California Natural Resources Agency
- State Coastal Conservancy
- California Coastal Commission
- California Department of Fish and Wildlife
- California Department of Parks and Recreation
- State Lands Commission
- Wildlife Conservation Board
- California Environmental Protection Agency
- State Water Resources Control Board
- Central Coast, Los Angeles, Santa Ana, and San Diego Regional Water Quality Control Boards









## California Estuarine Wetland Monitoring Manual (Level 3)

March 2021 (Version 2.0)

The Bay Foundation  
California State University, Long Beach  
Tijuana River National Estuarine Research Reserve  
Southern California Coastal Water Research Project  
University of Southern California Sea Grant Program  
California State University, Channel Islands

## Estuary Marine Protected Area (EMPA) Monitoring Project

Monitoring protocol and data

The main objective of the EMPA project is to develop an enhanced, coordinated Statewide Estuarine Monitoring Program called out in the California Marine Life Protection Act (MLPA) Monitoring Action Plan.

This project includes the compilation and analysis of select, currently available data sets, a focused field data collection effort to fill data gaps through implementation of standard protocols (abiotic, biotic, habitat, and stressor parameters), quantification of the current benefits of MPA status, and the development of long-term monitoring and management recommendations to expand the benefits of EMPA designation and document changes through time.

This website provides access to the technical reports generated from the project, monitoring protocols, field data sheets, and instructions for accessing and uploading data generated using the EMPA monitoring protocol.







- Standardized Monitoring Protocols
- Regional wetland data made available to decision-makers
- California Wetland Program Plan Core Elements
  - Monitoring and Assessment
  - Regulatory Activities
  - Voluntary Restoration and Protection
- EPA Region 9 Priority Areas 1 & 2





Photo: Cody Fees



- Development of Project Governance and Priorities
- Development of WRP L-3 Regional Monitoring Program
- Development of an Example WRP Site-Specific Monitoring Plan
- Communications



# Thank You!

## Questions?

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