

# WELCOME





CDFW Invites Agencies and Stakeholders  
to Help Develop a  
*Long-Term*

# Delta Conservation Framework

for the Sacramento San Joaquin Delta, Yolo Bypass and  
Suisun Marsh  
by 2017





# Stakeholder Engagement

## 1. Four public workshops:

- a) August 18, 2016 ✓
- b) September 21, 2016
- c) October 20, 2016
- d) November 30, 2016

## 2. 30-day public review of document





# Agenda

1. **Welcome and Introductions**
2. **Overview & Quick Review**  
**Workshop 1 Outcomes**
3. **Conservation Topics & Goals**
  - a) Overview
  - b) Small Group Engagement (Break Out 1)
  - c) Group Discussion
4. **Using Challenges to Develop Goal-specific Implementation Strategies**
  - a) Overview
  - b) Small Group Engagement (Break Out 2)
  - c) Group Discussion
5. **Next Steps**



## State

CA Natural Resources Agency  
CA Department of Fish & Wildlife  
    Water Branch  
    Watershed Restoration Grants Branch  
    Interagency Ecological Program  
CA Department of Water Resources  
Delta Stewardship Council  
Delta Science Program  
SSJ Delta Conservancy  
Delta Protection Commission

## Private

South Delta Resident

## Federal

US Bureau of Reclamation  
Central Valley Joint Venture  
SF Bay NERR

## County

Sacramento  
San Joaquin  
Solano  
Solano County Water Agency  
Solano RCD

Metropolitan Water District

## NGOs

The Nature Conservancy  
Yolo Basin Foundation  
Yolo Habitat Conservancy

## Consulting Firms

Douglas Environmental  
ESA  
Flow West  
MBIC Engineers/RD  
Mosaic Associates  
The Catalyst Group – Delta  
    Vision Foundation

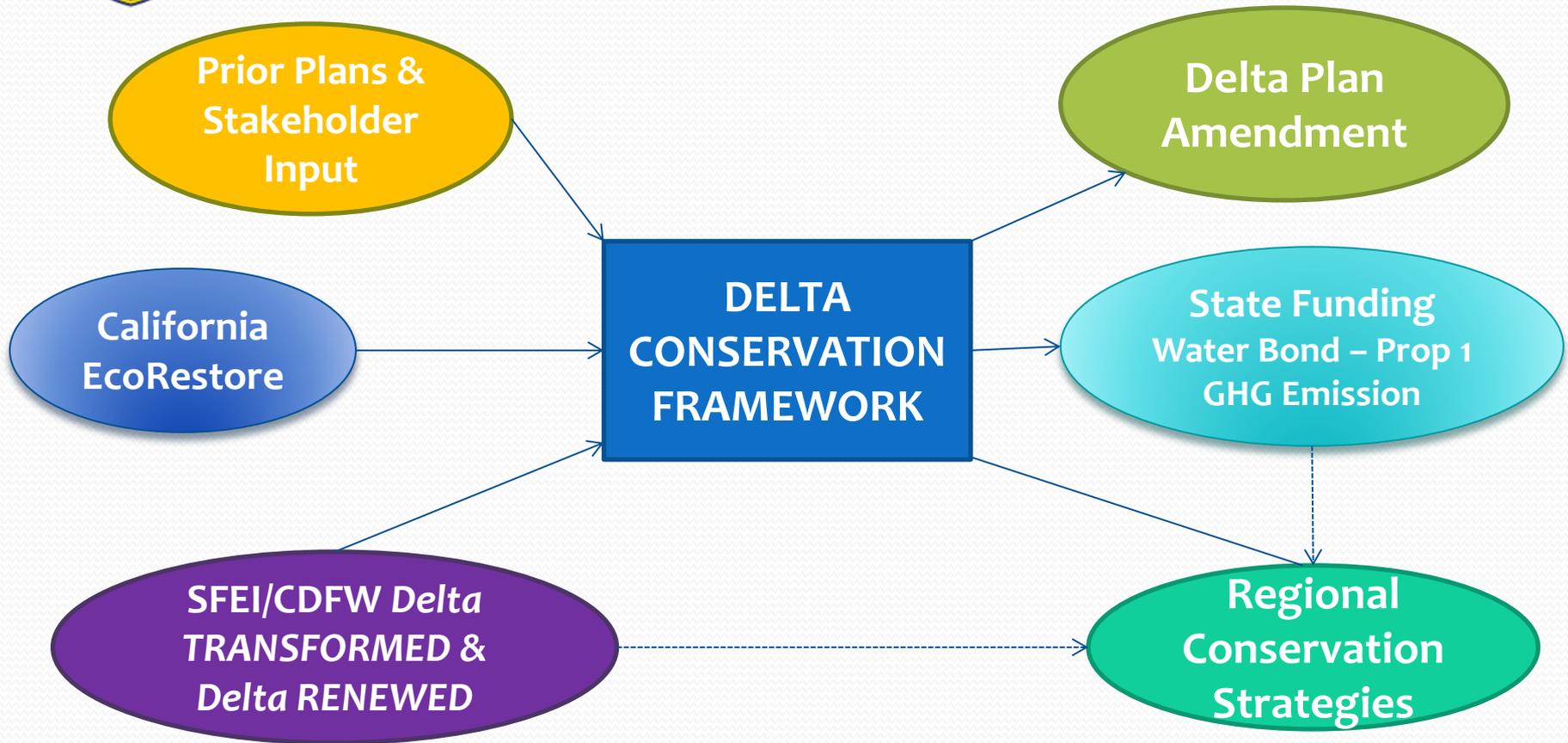
Academic  
UC Davis

## **WEBSITE:**

<https://www.wildlife.ca.gov/Conservation/Watersheds/DCF>



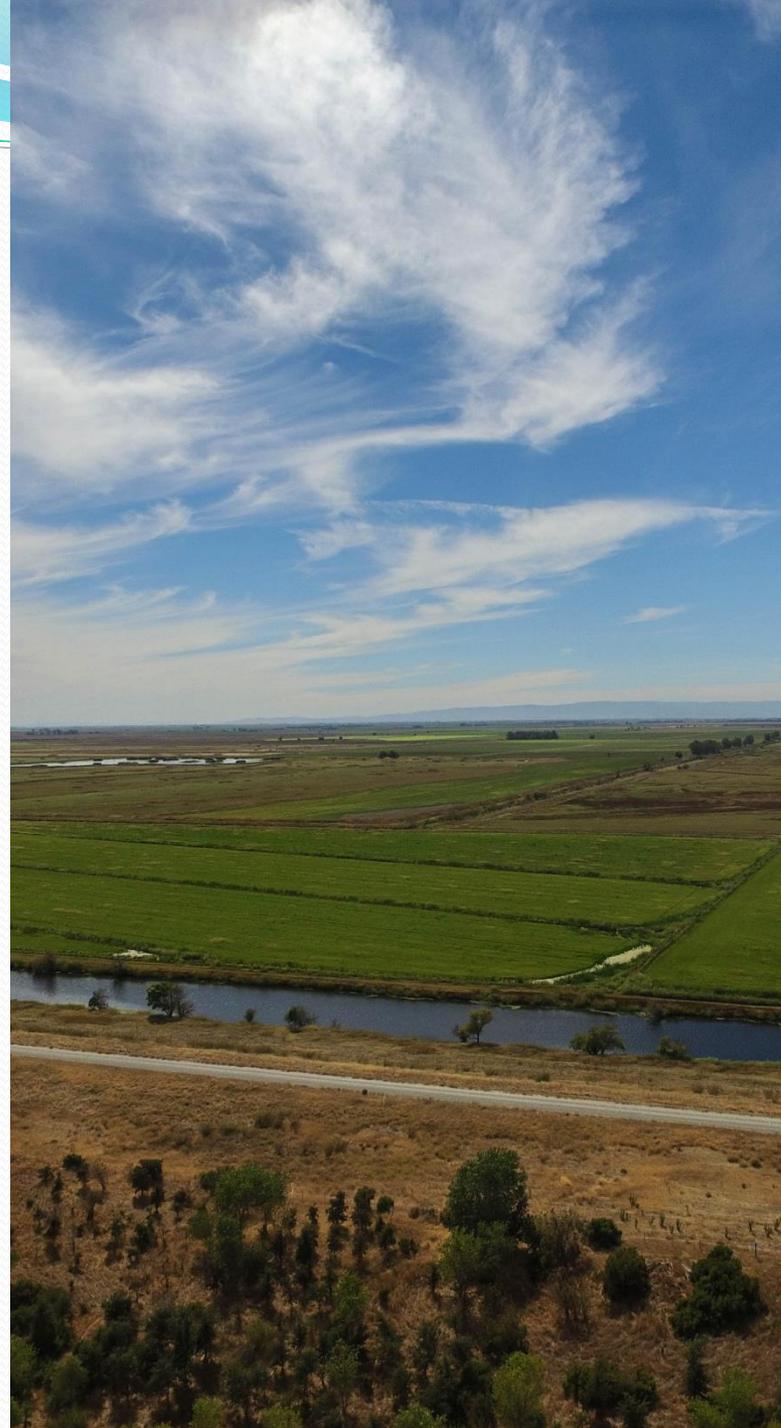
# Planning Context





# Vision for a Future Delta

*A mosaic of towns,  
agricultural landscapes,  
managed wetlands, and  
resilient ecosystems where  
people prosper and healthy  
fish, wildlife, and plant  
communities thrive.*

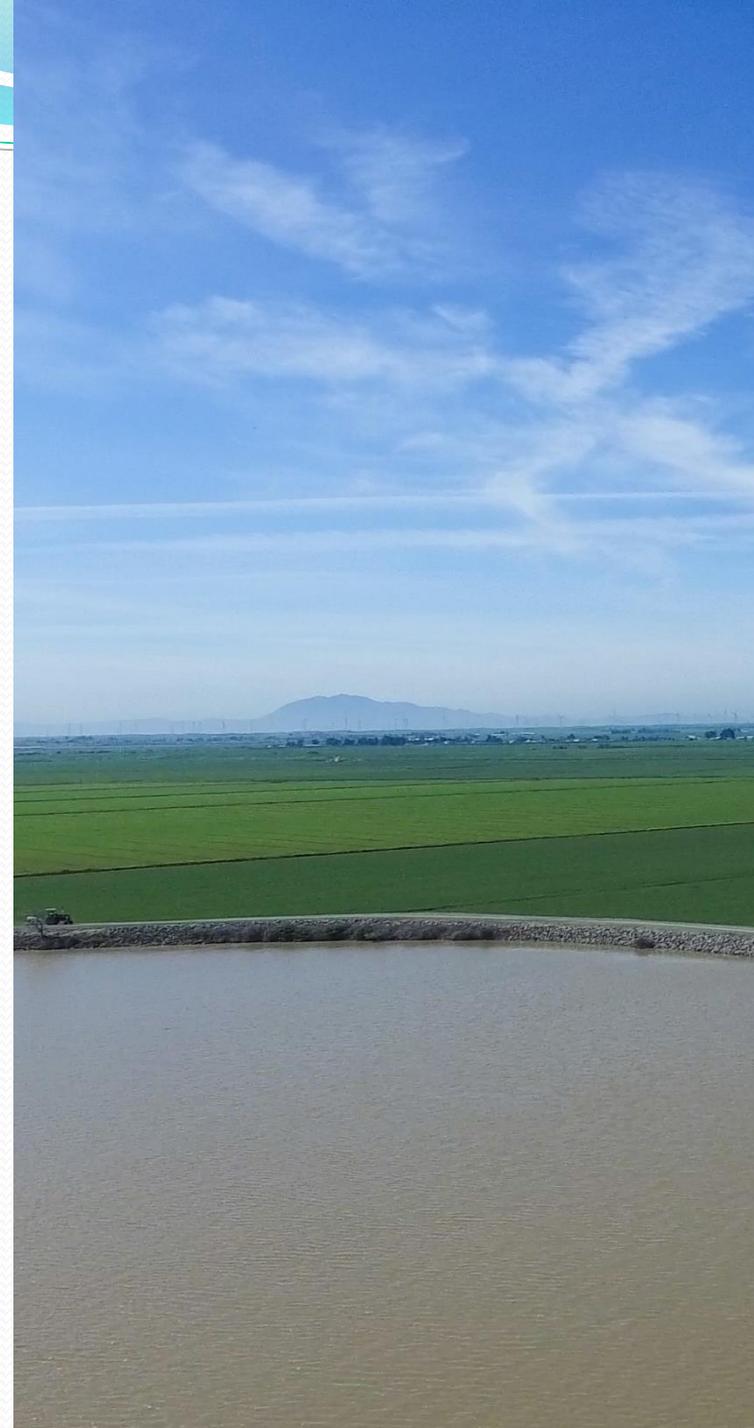




# Delta Conservation Framework

## Purpose

- I. Shared vision and overarching goals for Delta conservation
- II. Forum for collaborative engagement and broad buy in
- III. Long-term extension of *California EcoRestore*
- IV. Potential solutions to recognized challenges





# Delta Conservation Framework

## Purpose

- I. Inform regional conservation strategies
- VI. Inform State funding priorities
- VII. Basis for amendment of the ecosystem elements of the Delta Plan



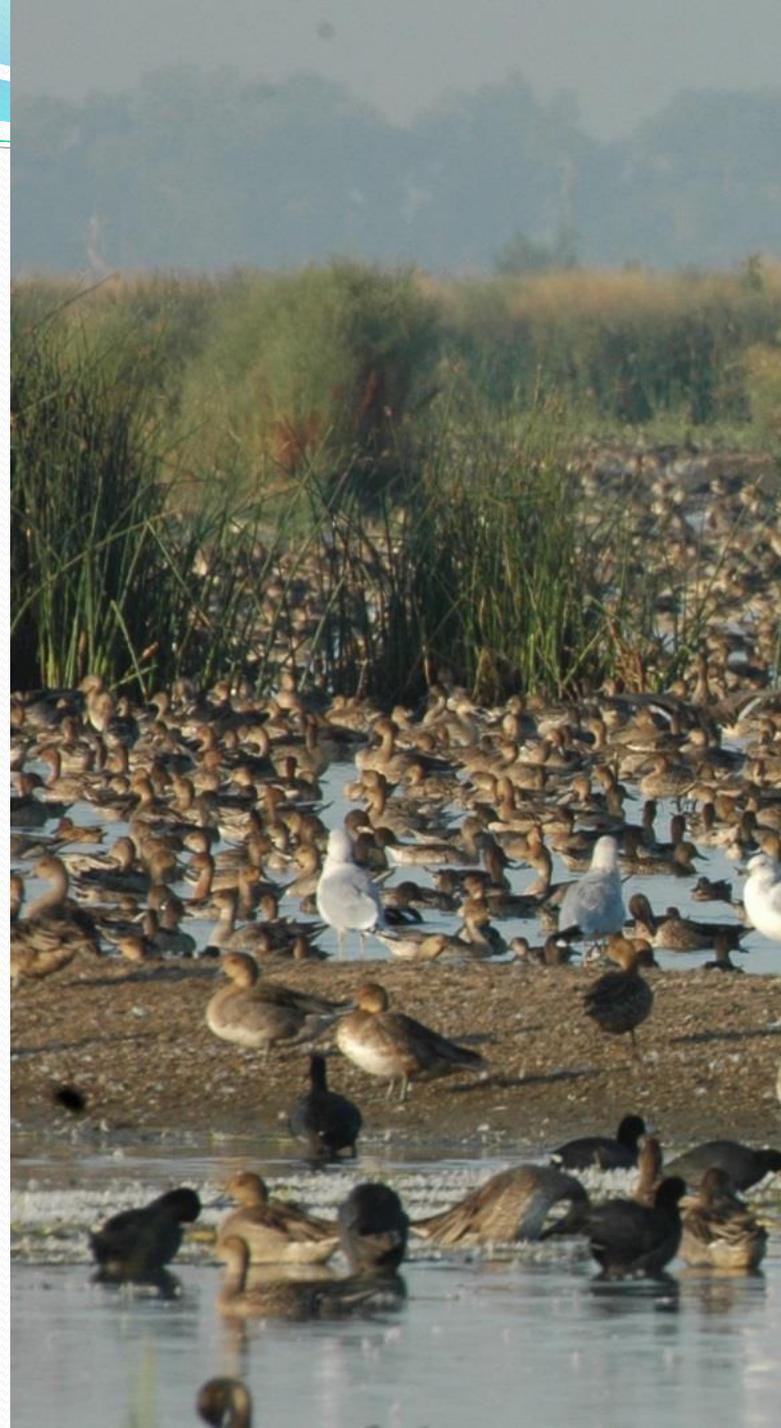


# Principles

## *Central Premise:*

*The conservation of Delta ecosystems will benefit both people and the environment*

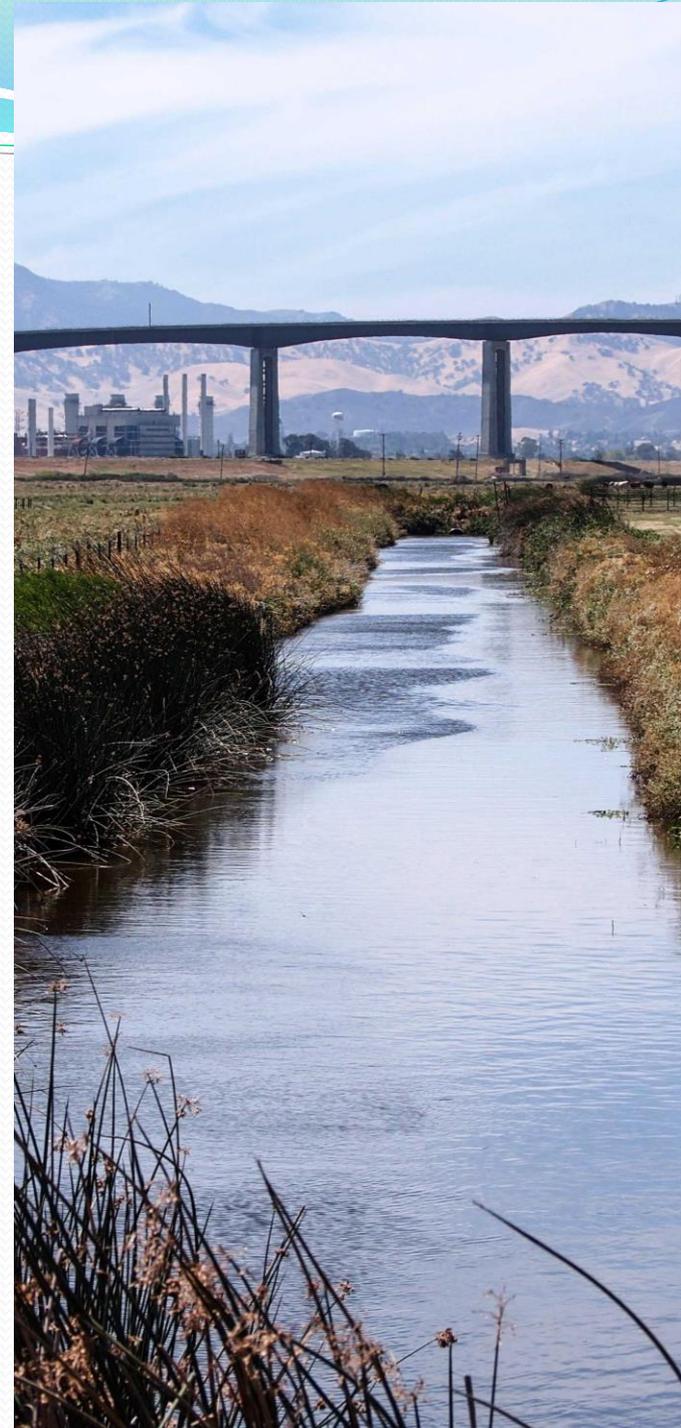
1. Building Community
2. Promoting Ecological Function
3. Providing Multiple Benefits
4. Focusing On People And Place
5. Increasing Efficiency (Process And Cost)
6. Highlighting Need for Funding





# Delta Conservation

*Implementing strategies and related actions for Delta stakeholder integration and the protection, enhancement, restoration, and adaptive management of Delta ecosystems and their ecological functions to benefit human and natural communities*

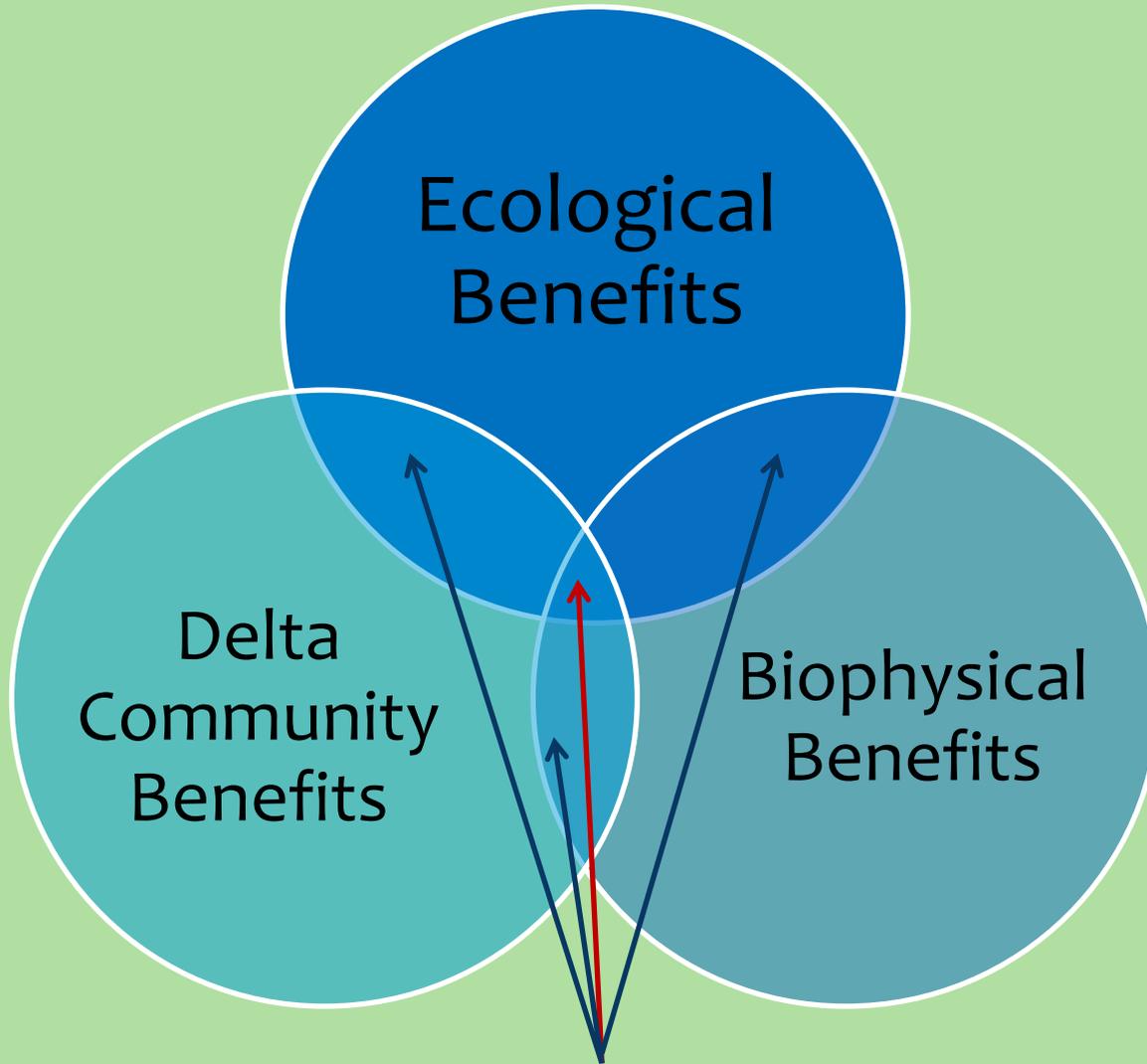


# Integrating Ecosystem Function



- across geographic and time scales
- in conjunction with Delta community goals

# ECOSYSTEM FUNCTION



**Multiple Benefits**



# Consistency with Existing Plans

**EcoRestore**

**Delta Renewed** - Draft report SFEI/CDFW Delta Landscapes Project

**California Water Action Plan**

**The Delta Plan/Delta Reform Act**

**State Wildlife Action Plan**

**CCMP for the San Francisco Estuary**

**Suisun Marsh Plan**

**CV Flood Protection Plan Conservation Strategy**

**CVJV Implementation Plan**

**ERP Conservation Strategy**



# Process Overview

WHY?

Purpose &  
Principles

Vision

WHAT?

Conservation  
Topics

Goals

Solutions

HOW? WHO? WHEN?  
WHERE?

Strategies  
*(Goal specific Action Plans)*

*“A goal without a plan is a wish!”*

IMPLEMENTATION

Outcome



# Example: Channel Margins – Co-Benefits

## WHY DCF?

1. Building Community
2. Promoting Ecological Function
3. Providing Multiple Benefits
4. Focusing On People And Place
5. Increasing Efficiency (Process & Cost)
6. Highlighting Need for Funding

Purpose &  
Principles

Vision

“Uncertainty of combined value of leveed channel margins as wildlife habitat and flood protection”

## WHAT?

### CHANNEL MARGINS

“Provide flood protection and habitat value on water side of levees.”

Conservation  
Topic

Goals

Pressures -  
Challenges

## HOW? WHO? WHEN?

## WHERE?

“Build partnerships through efforts of entity X that facilitate implementation of pilot projects to evaluate co-benefit with associated long-term funding by 2020”

Strategies  
(Goal specific Action Plans)

Solutions

“Pilot projects to evaluate co-benefits”

Outcome

## DESIRED RESULT

“Pilot efforts show that Delta levees are providing co-benefit of flood protection and improved habitat value under x circumstance”

# Example: Wildlife-friendly Farming

## WHY DCF?

1. Building Community
2. Promoting Ecological Function
3. Providing Multiple Benefits
4. Focusing On People And Place
5. Increasing Efficiency (Process & Cost)
6. Highlighting Need for Funding

Purpose &  
Principles

Vision

“Farmers make greater profits by planting vineyards”

## WHAT?

### AGRICULTURAL LANDS

“Increase areas utilizing wildlife-friendly farming practices to provide landscape connectivity for wildlife”

Conservation  
Focus Themes

Goals

Pressures -  
Challenges

## HOW? WHO? WHEN?

## WHERE?

“Build programs that provide incentives for farmers to provide wildlife-friendly “pop up habitats” for migratory birds and other wildlife”

Strategies  
*(Goal specific Action Plans)*

Solutions

“Provide financial incentives to farmers to implement wildlife friendly practices”

Vision

## Desired Result

“A mosaic Delta landscape of agricultural areas and connected ecosystems that support people and diverse wildlife communities”



# Conservation Topics

- **Goals**

## DELTA COMMUNITY INTEGRATION

- Stakeholder Communication & Collaboration – “Buy In”
- Integrating Conservation with Agricultural Sustainability – “Wildlife-friendly farming”
- Integrating Conservation & Flood Protection – “Co-benefit”
- Low-impact Outdoor Recreation – “Tourism”
- Public Education & Outreach – “Healthy Delta as Place”
- Integrated Water Management – “Reliable Local Water”



## FUNCTIONAL DELTA ECOSYSTEMS

- Resilient ecosystems and underlying processes
- Climate change adaptation
- Biodiversity – native dominant communities
- Life history support for resident and migratory wildlife
- Improved water quality
- Facilitated permitting for conservation projects
- Sustained conservation funding





# Conservation Topic

## FUNCTIONAL ECOSYSTEMS



### AQUATIC

- Fluvial Systems
- Tidal Perennial Aquatic
- Nontidal Perennial Aquatic



### TRANSITIONAL

- Managed Wetlands
- Floodplains
- Channel Margins
- Valley Foothill Riparian
- Marsh Transition Zone
- Upland Transitional Corridors



### TERRESTRIAL

- Agricultural Lands
- Central Valley Grassland
- Vernal Pool Complexes & Alkali Seasonal Wetlands



# Small Group Engagement 1

## *Conservation Focus Themes & Setting Goals*

1. **Brief introductions (5 mins)**
2. **Review materials (10 min)**
3. **Provide input : Capture feedback on flip chart (25 min)**
4. **Share results with large group (5 min each group)**





# List of Materials

1. Conservation topic list and associated goals for DCF
2. Conservation topic table showing relevant information from other planning documents.





# Breakout Groups

1. Amanda Bohl – *Delta Stewardship Council (DSC)*
2. Brooke Jacobs – *CDFW*
3. Campbell Ingram – *Delta Conservancy*
4. Charlotte Biggs – *DWR*
5. Jessica Davenport – *DSC*





# Implementation Strategies

Linking Delta Conservation Challenges  
with Conservation Goals by Topic

## ECOSYSTEM FUNCTION

- Degraded ecosystem function and habitat loss
- Biodiversity Loss
- Reduced Habitat Connectivity
- Sustained Migratory Bird Habitats
- Persistence of Special Status Species
- Integration of Agricultural Lands

## DELTA COMMUNITY INTEGRATION

- Building local support for conservation
- Balancing conservation and Delta community goals
- Ineffective Public Education and Outreach



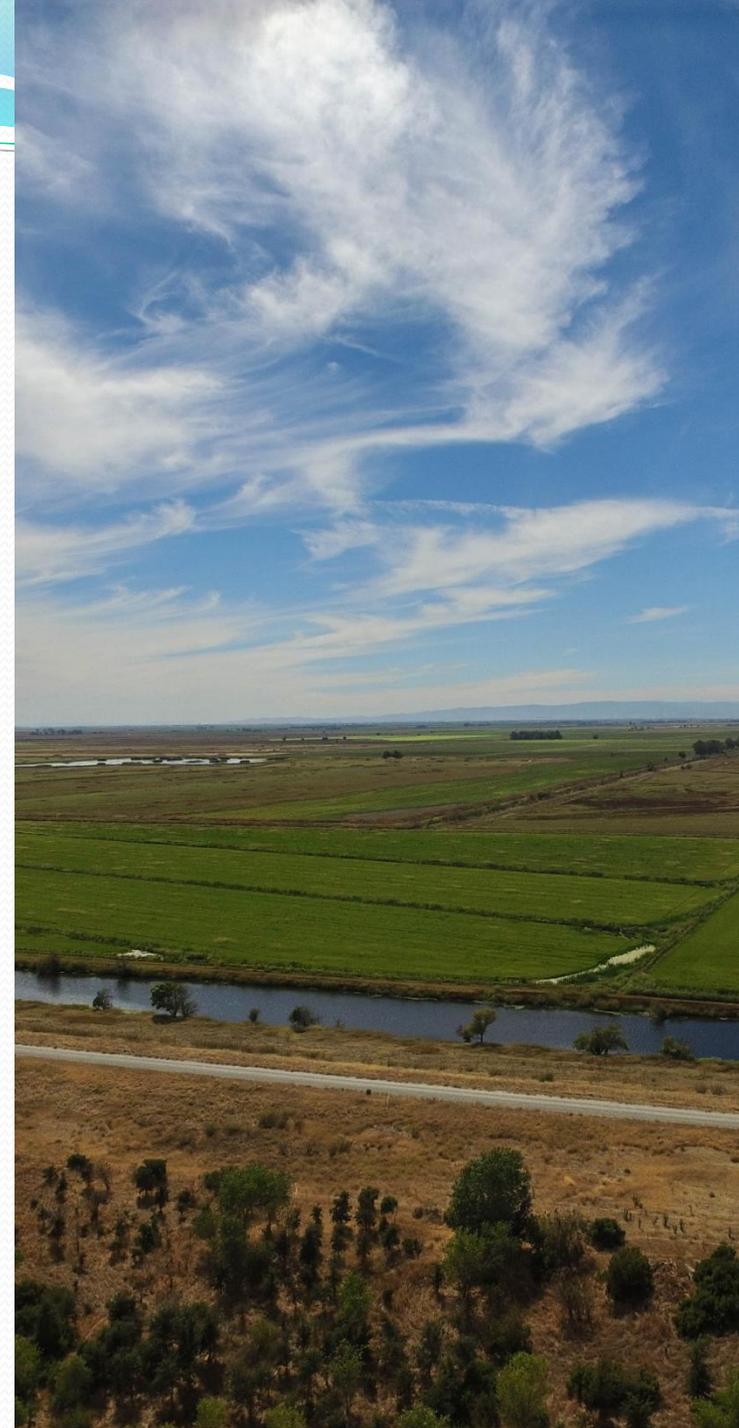


# Implementation Strategies

Linking Delta Conservation Challenges with Conservation Goals by Topic

## FUNCTIONAL DELTA ECOSYSTEMS & DELTA COMMUNITY INTEGRATION

- Climate change adaptation
- Invasive species management
- Integration of flood management & conservation
- Land protection & long-term land management
- Avoiding and minimizing adjacent agricultural-conservation neighbor conflicts
- Conservation Funding & Incentives
- Complexity and duration of conservation permitting processes
- Conservation Planning Inefficiencies





# Small Group Engagement 2

*Linking Solutions to Goals & Implementation Strategies*

1. Review materials (10 min)
2. Provide input & rank strategies : Capture input on flip chart (35 min)
3. Share results with large group (5 min each group)





# List of Materials

- **Table showing suggested strategies for recognized challenges by conservation topic goal**





# Stakeholder Engagement

## Four public workshops:

1. August 18, 2016

VISION, PURPOSE, PRINCIPLES –  
SOLUTIONS TO CHALLENGES

2. September 21, 2016

SETTING CONSERVATION TOPICS &  
GOALS, FINDING STRATEGIES

3. October 20, 2016

*Proposed Topic:* EVALUTING SUCCESS  
– DEFINING CONSERVATION  
OPPORTUNITY REGIONS

4. November 30, 2016

*Proposed Topic:* INTEGRATION WITH  
REGIONAL CONSERVATION  
STRATEGIES



**30-day public review of document**