

Central Valley Landscape Conservation

The Project Planning Team



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Nat Seavy, Point Blue



Why the Central Valley Landscape Conservation Project

A future Central Valley we can all work toward.



Yesterday



Today







Central Valley Landscape **Conservation Project**

The Partnership





Central Valley LCP Applications

We want to work with water managers to restore ecosystems for multiple benefits.

We want to prioritize our work across the landscape to enhance water availability for wildlife.

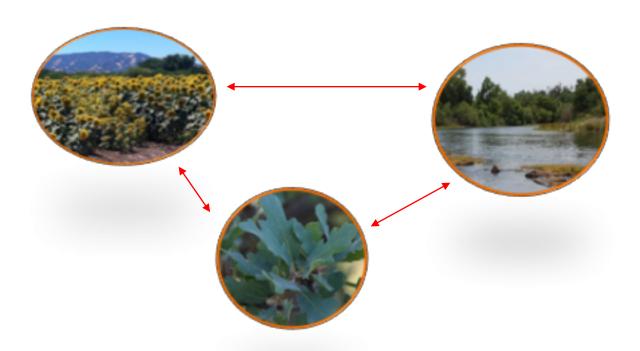
We need to incorporate climate change adaptation into our HCP.



Photo by A. Graffis

Central Valley Landscape Conservation Project Goal

In partnership with natural resource managers and scientists, identify <u>climate-smart conservation strategies</u> and actions that will maximize the adaptive capacity of priority species, habitats, and ecosystems to support an <u>ecologically-connected Central Valley landscape</u>.





Conservation Goals & Objectives

Objective 1. Reduce the impacts of climate change and other stressors to Central Valley ecosystems.

Objective 2. Promote landscapescale connectivity and ecological and physical processes that function within current and future ranges of variability to support a diverse and thriving Central Valley.

Objective 3. Conserve resilient and adaptable ecosystems that sustain future Central Valley biodiversity.









The Central Valley Landscape Conservation Project Climate-Smart Process

2017 and beyond...

Strategies and Actions implemented by Partners

2016

Online Toolbox

Provides information in support of implementation of Adaptation Strategies

We are here

Oct. 2014

Kick-off Meeting

Introduce climate-smart conservation and define goals & objectives

4. Implement Adaptation Options

1. Define
Goals and
Identify
Priorities

5. Monitor, Review, Revise

3. Identify
Adaptation
Strategies and
Actions

Spring 2016 Adaptation Strategies

for each of the Priority
Natural Resources

March 2015

Central Valley Future Scenarios

Four plausible futures driven by water and management

June 2015

Priority Natural Resources

Species, species groups, and habitats

2. AssessVulnerabilityto ClimateChange

Oct. 2015

Vulnerability Assessments

Sensitivity,
exposure, and
adaptive capacity to
climate and nonclimate stressors

Project Outcomes

- Future scenarios for the Central Valley
- Vulnerability assessments for priority natural resources
- Partnership-led adaptation strategies and actions
- Supporting maps, data, and literature online
- A network of practitioners conducting coordinated,
 Climate-Smart conservation in the Central Valley region





Organizational Structure

Leadership Team

Roles:

- Provide guidance and direction
- Approve Team recommendations
- Distribute and promote products

Project Development Team

Roles:

Recommends products, priorities, and processes to Leadership Team

Teams

Data Management Team

Roles:

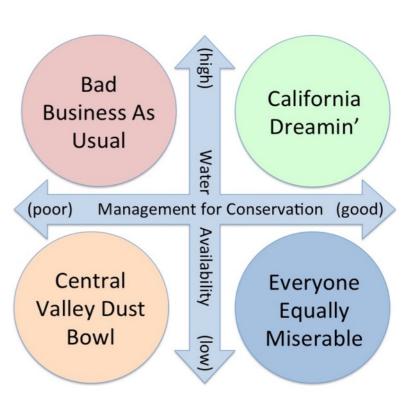
- Data management and access
- Recommends and conducts analysis

Conservation Community

Roles:

- Provide input on priorities and products to Teams or Steering Committee
- Use products and provide feedback

Future Scenarios



Four plausible futures for the Central Valley region based on major drivers of change:

- Water availability amount and seasonal timing of water
- Management for Conservation – degree of economic, legislative, and regulatory support for functioning ecosystems and biodiversity



Questions?



Central Valley Landscape Conservation



http://climate.calcommons.org/cvlcp

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