

SWAP 2015 Companion Plan Public Meeting

November 30, 2015

California Department of Fish and Wildlife and
Blue Earth Consultants, LLC



BLUE EARTH
CONSULTANTS



SWAP Companion Plan Representatives

CDFW



Armand Gonzales
*SWAP 2015
Project Lead*



Junko Hoshi
*SWAP 2015
Project Co-lead*



Kurt Malchow
*SWAP 2015
Companion Plan
Development
Lead*

Blue Earth Consultants



Tegan Hoffmann
*Principal and
Facilitator*



Diana Pietri
*Companion Plan
Developer*



Jennifer Lam
*Companion Plan
Developer, Assistant
Facilitator, and
Analyst*

Meeting Agenda

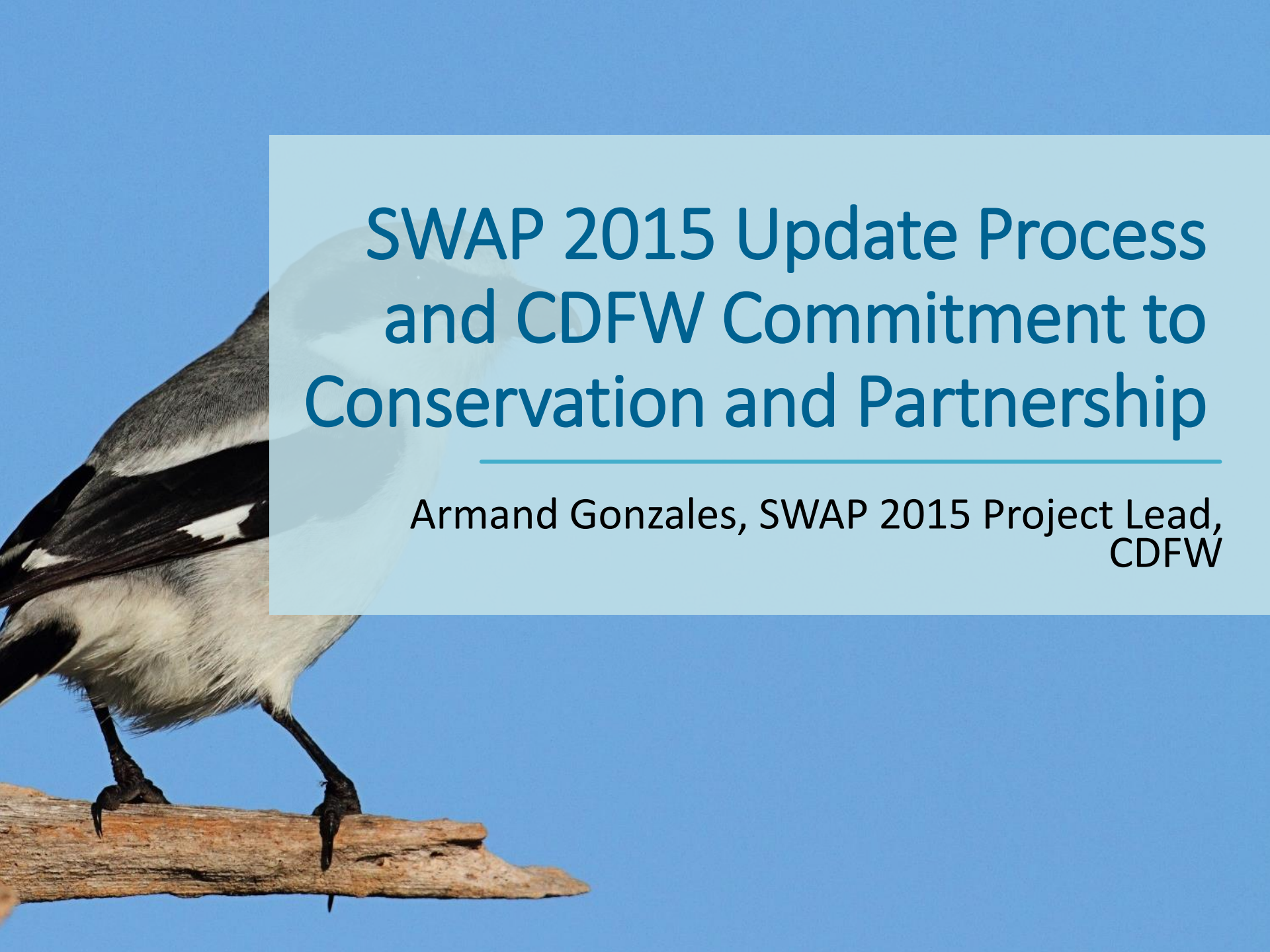
Meeting Purpose: *To learn about the purpose and process for developing the companion plans and how to provide comments on those plans*

Time	Item	Presenter
1:00 PM	Welcome	Tegan Hoffmann , Facilitator, Blue Earth Consultants, LLC
1:15 PM	SWAP 2015 Update Process and CDFW Commitment to Conservation and Partnership	Armand Gonzales , SWAP Project Lead, CDFW
1:30 PM	Linking SWAP 2015 and the Companion Plans	Junko Hoshi , SWAP Project Co-lead, CDFW
1:45 PM	Companion Plans: Purpose, Process, and Development	Kurt Malchow , SWAP Companion Plan Lead, CDFW
2:00 PM	Companion Plan Structure Overview and Opportunities for Public Input	Tegan Hoffmann , Facilitator, Blue Earth Consultants, LLC
2:15 PM	Discussion: Question and Answer	All
3:00 PM	Adjourn	

Ground Rules

- To ask a question during Q&A, fill out question card request
- Keep side conversations to a minimum
- Put phones on silent or vibrate



A photograph of a bird, possibly a sparrow or similar small bird, perched on a weathered wooden branch. The bird has greyish-brown upperparts and a lighter, possibly white or light grey, underbelly. It is facing right, with its head slightly turned. The background is a clear, solid blue sky. A semi-transparent light blue rectangular box is overlaid on the right side of the image, containing the title and presenter information.

SWAP 2015 Update Process and CDFW Commitment to Conservation and Partnership

Armand Gonzales, SWAP 2015 Project Lead,
CDFW

38 Million and Growing



- California has the highest population of any state in the nation.
- The Governor's latest Environmental Goals and Policy Report (EGPR), anticipated the state's population to grow to 50 million by mid-century.
- People add pressures to natural resources

We all drive cars, we need roads

13 million cars in California, 185 million miles driven annually



- Roads fragment habitats
- Create barriers for wildlife
- Provide access to places previously inaccessible
- Carbon exhaust contributes to climate change
- Spreads invasive species

There are many pressures placed on nature



Nature bats last...

Fourth year of drought



800,000 acres of trees destroyed in 2014 as a result of bark beetle infestation



**Increased
susceptibility of
drought stressed
trees**

Wildfire risk to rise by six times, study says



Researchers said climate change is already at play and will intensify the pattern in coming decades

Unparalleled Natural Resources

Habitat Diversity

- Deserts
- Mountain ranges
- Vast valleys
- Wetlands
- Forests
- Rivers
- Estuaries
- Coastline

Species Diversity

- 650 bird species
- 220 mammals
- 100 reptiles
- 75 amphibians,
- Approximately 70 freshwater fish
- Approximately 6,500 taxa of native plants

Besides having the most biodiversity, we also have the most species listed as threatened or endangered, second only to the state of Hawaii.

25 million of acres of deserts



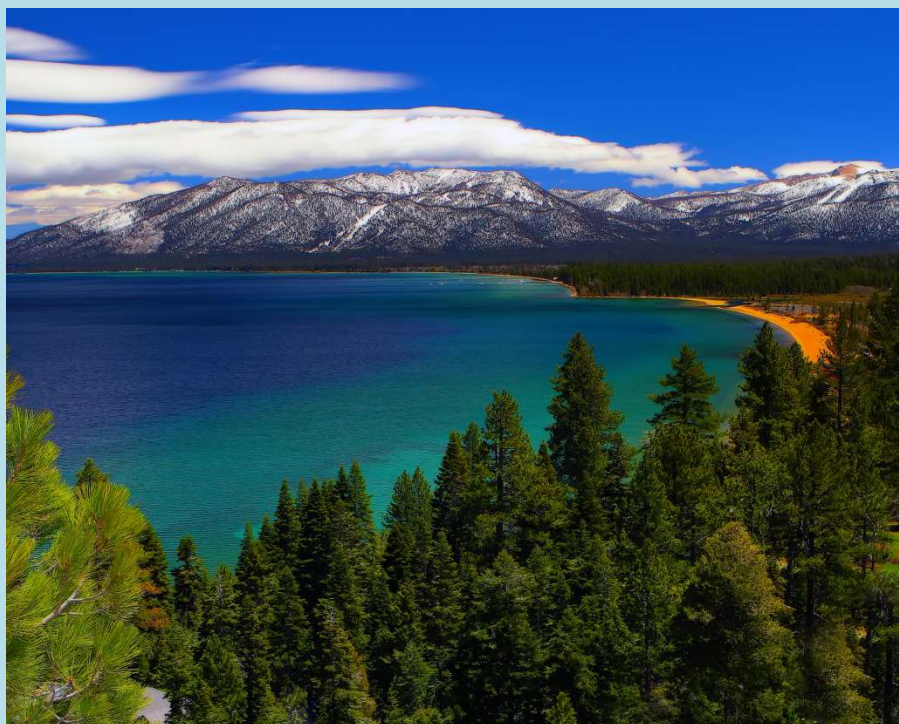
Species specifically evolved and adapted to desert habitats

Redwoods and Sequoia's



The tallest and oldest living specimens on earth

Sierra Nevada and Southern Cascades



- Supplies water to cities and farms
- Supports salmon populations



More than 1,200 miles of coastline



- 60% of Californians live within 60 miles of the coast
- Biodiversity is greatest along the coast



SWAP complements other conservation efforts



- Natural Community Conservation Plans
- California Endangered Species Act
- Wetlands Restoration
- Marine Life Protection Program



What is SWAP?



- Required by U.S. Fish and Wildlife Service in order to receive federal wildlife funds
- Will inform future strategic planning efforts and helps establish priorities for conservation in California



Required Elements 1-4

1. Information on the **distribution and abundance** of wildlife, including low and declining populations, that describes the diversity and health of the state's wildlife.
2. Descriptions of **locations and relative conditions of habitats** essential to species in need of conservation.
3. Descriptions of **problems that may adversely affect species** or their habitats, and priority research and survey efforts.
4. Descriptions of **conservation actions** proposed to conserve the identified species and habitats.

Required Elements 5-8

5. **Plans for monitoring species and habitats**, and plans for monitoring the effectiveness of the conservation actions and for adapting these conservation actions to respond to new information.
6. Descriptions of **procedures to review the plan** at intervals not to exceed 10 years.
7. **Coordination with federal, state, and local agencies and Indian tribes** in developing and implementing the wildlife action plan.
8. **Broad public participation** in developing and implementing the wildlife action plan.

Important Changes from 2005

- Multi-scaled ecologically focused geographic boundaries
- Multi-species approach
- Updated the list of SGCN
- Integrated climate change
- Conservation planning framework
- Standardization
- Conservation strategies
- Companion plans
- Digital format



Ecologically Focused Geographic Boundaries

40 Conservation
Units

7 Provinces

Unit Types

Terrestrial (20)

Inland Aquatic (16)

Marine (4)



California Department of Fish and Wildlife Habitat Conservation Planning Branch, D.Mastali, 20140602
Data Sources: HUC from National Hydrography Dataset, Ecoregions from USDA Forest Service, Marine Conservation Units and SF Bay unit from California Department of Fish and Wildlife, Hillshade Background: ESRI (copyright 2013)

Ecosystem and Multi-Species Approach



Conservation actions benefit all species within target ecosystems



Revised List of Species of Greatest Conservation Need (SGCN)



Photo: Thomas D. Mangelsen

1,153 SGCN

Fish and Wildlife (414)

Invertebrates (264)

Plants (475)

Selection Criteria

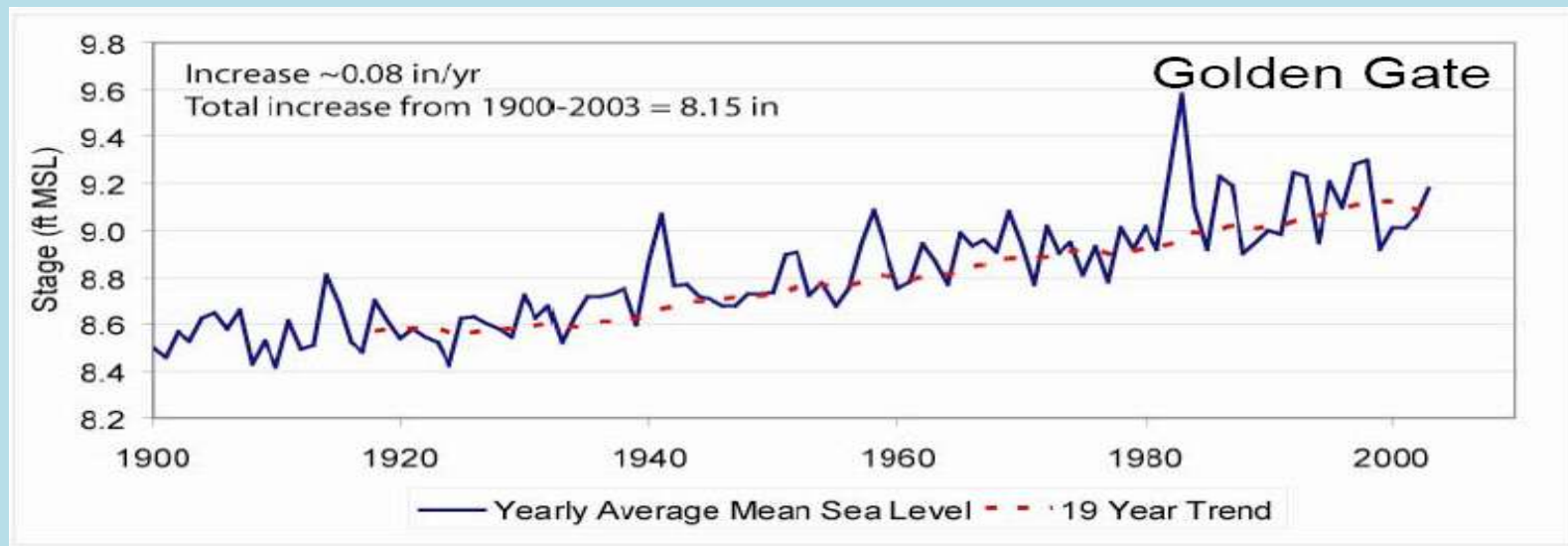
Listed Status

Conservation Concern

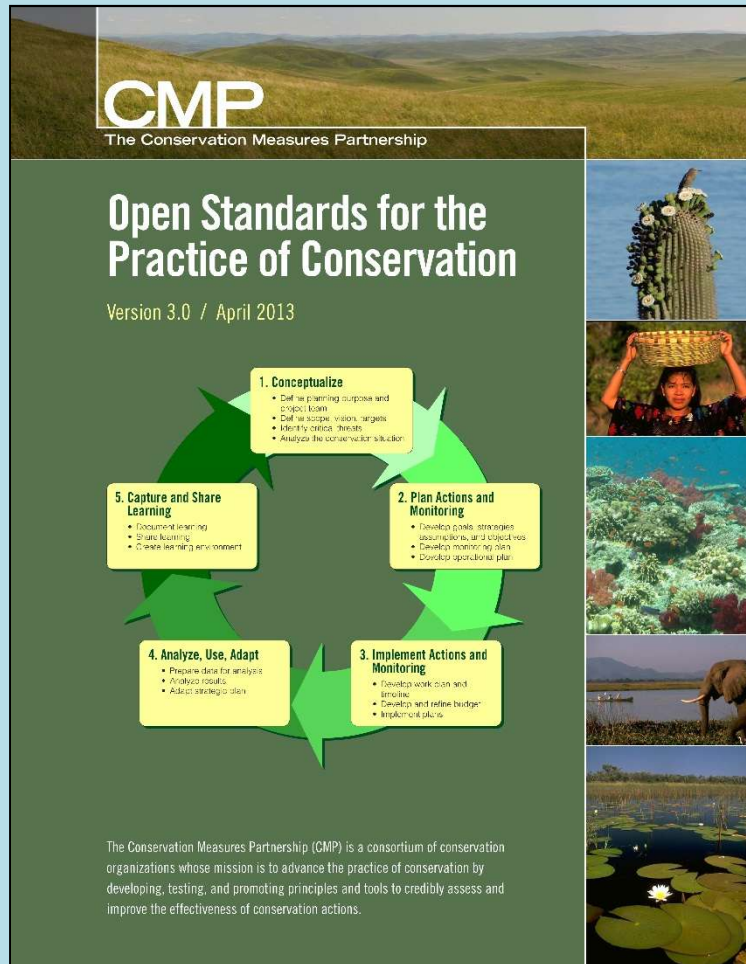
Climate Vulnerability

Climate Change

- Integrated at many levels
 - Identifying conservation targets
 - Ranking stresses and threats
 - Developing conservation strategies
 - Vulnerability assessments
- Links to State and Federal Climate Adaptation Strategies



Comprehensive Planning Framework



Standardization

Standardized key components

- Targets (vegetation)
- Conservation Units
- Key Ecological Attributes
- Stresses
- Pressures
- Strategies
- Indicators

Contributed Paper

A Standard Lexicon for Biodiversity Conservation: Unified Classifications of Threats and Actions

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††USNASC/CJCA/AB Biodiversity Assessment Unit, 2011 Crystal Drive, Suite 900, Arlington, VA 22202, U.S.A.

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§§WWF, Avenue du Mont Blanc, CH-1196 Gland, Switzerland

***Wildlife Conservation Society, 2300 Southern Boulevard, Bronx, NY 10460, U.S.A.

Abstract: An essential foundation of any science is a standard lexicon. Any given conservation project can

Code	KEA	Status Indicator	Metric
Community-Age	Community structure and composition	Age class heterogeneity	Miles of stream with desired age class
Community-Age	Community structure and composition	Age class heterogeneity	Acres with desired age class heterogeneity
Community-Div	Community structure and composition	Diversity	Acres with desired plant/animal diversity
Community-End	Community structure and composition	Endemic diversity	Acres with desired endemic diversity
Community-Comp	Community structure and composition	(Native) Fish composition	Acres with desired native species composition
Community-Key	Community structure and composition	Key species population level	Keyspecies population
Community-Native	Community structure and composition	Native vs non-native	Acres with native species dominant
Community-Pond	Community structure and composition	Native vs non-native	Acres of pond with native species dominant
Community-Cienegas	Community structure and composition	Native vs non-native	Acres of cienegas with native species dominant
Community-Rivers	Community structure and composition	Native vs non-native	Miles of rivers/streams with native species
Community-Rivers	Community structure and composition	Native vs non-native diversity	Miles of rivers/streams with higher native species ratio
Community-Structure	Community structure and composition	Structural diversity	Acres with desired structural diversity
Connectivity-Habitat	Connectivity among communities and	Level of connectivity	Acres of target area connected
Connectivity-Rivers	Connectivity among communities and	Level of connectivity	Miles of target area connected
Connectivity-Gen	Connectivity among communities and	Level of genetic connectivity	Acres/miles with desired genetic connectivity?
Fire	Fire regime	Fire frequency, extent, and	Acres with desired fire regime
Hydrology-Groundwater	Hydrological regime	Depth of groundwater	Acres/miles with desired inches of groundwater

Web Based

The screenshot shows a web browser window displaying the California State Wildlife Action Plan (SWAP) website. The browser's address bar shows the URL <http://www.dfg.ca.gov/SWAP/>. The website's header includes a navigation bar with links to Home, State Wildlife Action Plan, and other resources. The main content area features a large title, "State Wildlife Action Plan: A plan for conserving California's wildlife resources while responding to environmental challenges," followed by a row of six images depicting various California wildlife: a small bird, a bighorn sheep, a rattlesnake, yellow wildflowers, a black bear, and a butterfly. Below the images, the "Overview" section provides a brief introduction to the plan, highlighting California's unique biodiversity and the need for a collaborative approach to conservation. The "State Wildlife Action Plan (SWAP)" section further details the plan's purpose and goals. A sidebar on the right contains a "Timeline" section with links to "Meetings," "News Archive," and "Contact." Below these links is a "Sign up for SWAP News" form with a text input field for the email address and a "GO" button. The bottom of the browser window shows the Windows taskbar with various application icons and the system clock indicating 7:40 PM on 10/1/2013.

http://www.dfg.ca.gov/SWAP/

State Wildlife Action Plan - ... x

File Edit View Favorites Tools Help

CDFG California Wildlife Action ... Desert Landscape Conserv... Google Welcome to Net Conferen...

Home -> State Wildlife Action Plan

State Wildlife Action Plan: A plan for conserving California's wildlife resources while responding to environmental challenges

Overview

California's distinctive topography and climate have given rise to a remarkable diversity of habitats that support a multitude of plant and animal species. In fact, California has more species than any other state in the U.S. and also has the greatest number of species that occur nowhere else in the world. Many of the places where wildlife thrive are the same as those valued for recreation and other human activities. To ensure a sustainable future for wildlife – and the enjoyment of wildlife by generations to come – there is a need for a collaborative approach to conservation.

State Wildlife Action Plan (SWAP)

The State Wildlife Action Plan examines the health of wildlife and prescribes actions to conserve wildlife and vital habitat before they become more rare and more costly to protect. The plan also promotes wildlife conservation while furthering responsible development and addressing the needs of a growing human population.

[2005 California Wildlife Action Plan](#)

ANNOUNCEMENT: SCOPING MEETINGS (PDF)

2015 Update Process

As required every 10 years by the U.S. Fish and Wildlife Service, CDFW is in the process of updating the 2005 plan. The update process will allow CDFW to integrate new information and leverage more funding. The objectives for the update include:

- Create a vision for fish and wildlife conservation in California,
- Provide an accounting of accomplishments,
- Stratify analysis of impacts and stressors by ecoregions,
- Incorporate climate change impacts and adaptation strategies,
- Update species at risk, vulnerable species and species of greatest conservation need, and
- Recommend conservation actions consistent with planning documents developed by other agencies.

Timeline

Meetings

News Archive

Contact

Sign up for SWAP News

Your email address:

Privacy by SafeSubscribeSM

100%

7:40 PM
10/1/2013

Strategy themes

- Grazing practices
- Water conservation and management
- Manage invasive species
- Acquisition and easements
- Education and Outreach
- Economic incentives
- Management partnerships and coordination
- Conservation plans
- Data gathering
- Law enforcement
- Advocate for laws and policies

Focus on Partnerships



- Coordination with other agencies and organizations
- Coordination with other programs
- Leverage funding, streamline processes
- Education and outreach
- Companion plans

Companion Plans

- Agriculture
- Commercial & Recreational Uses
- Energy Development
- Forests & Rangelands
- Land Use Planning
- Marine Environment
- Transportation Planning
- Tribal Lands
- Water Management



SWAP 2015



<https://www.wildlife.ca.gov/SWAP>



Linking SWAP 2015 and the Companion Plans

Junko Hoshi, SWAP 2015 Co-Project Lead, CDFW

Overview

- **State Wildlife Action Plan 2015**

- Approach
- Process
- Content
- Organization
- Key Findings

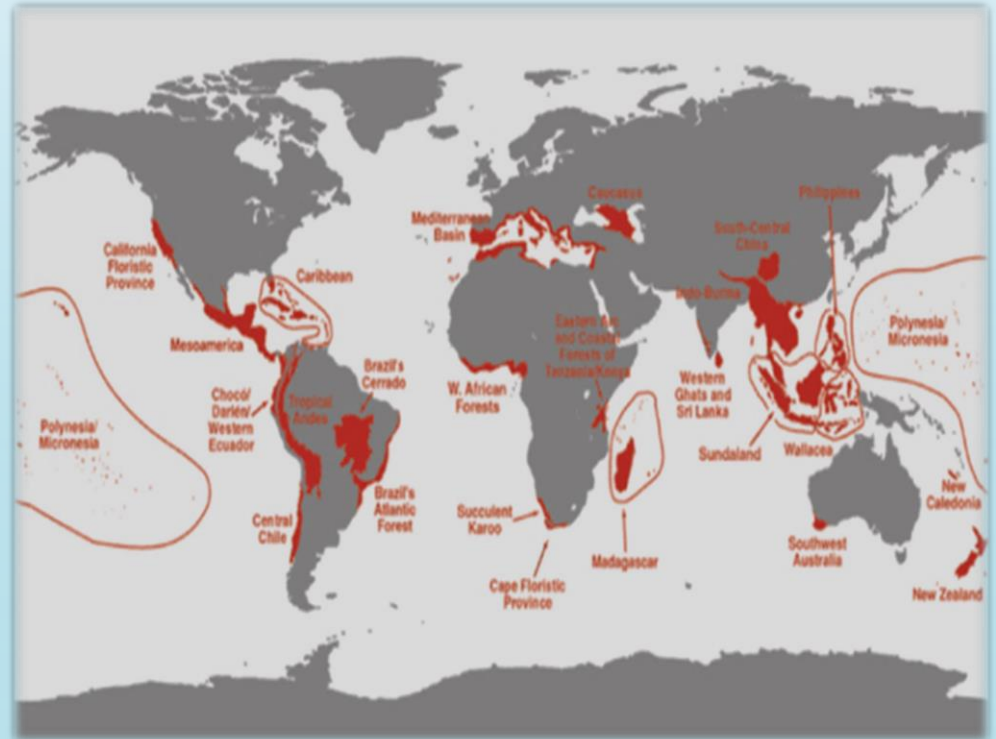
- **Companion Plans**

- Why – Another Cut
- The Bridge



SWAP 2015 – How?

- Many species!
- Many habitats!
- Many issues!
- Large population!
- Many stakeholders!



Source: Myers, N. et al. Biodiversity hotspots for conservation priorities. *Nature* **403**, 853 (2000)

We need a strategic approach.

SWAP 2015 Approach

- Ecosystem approach focusing on
 - Habitat and Natural Community
 - Habitat-Species Relationship
 - Ecosystem Function and Process
- Plan “logically”
- Integrate diverse knowledge



To conserve ecosystems systematically

SWAP 2015 Process

Open Standards for the Practice of Conservation

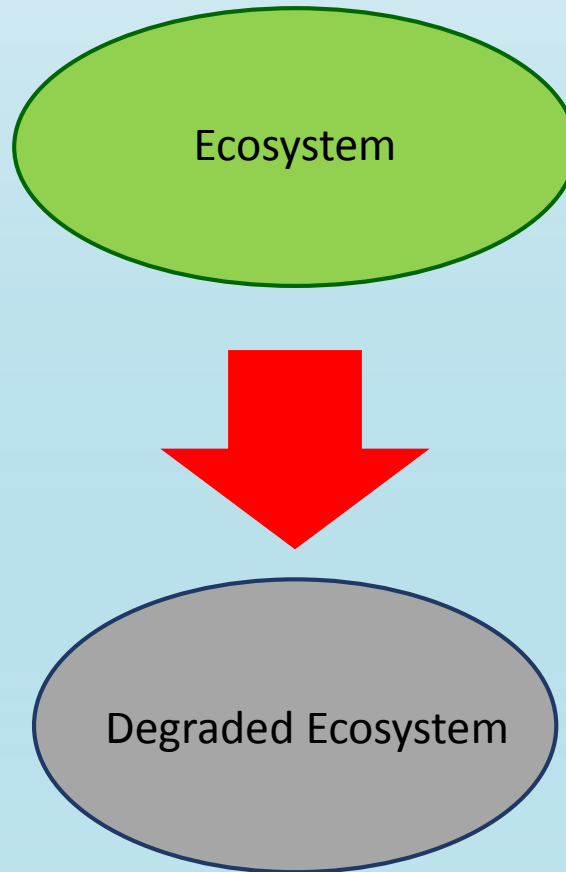


MIRADI™

Adaptive Management Software for Conservation Projects

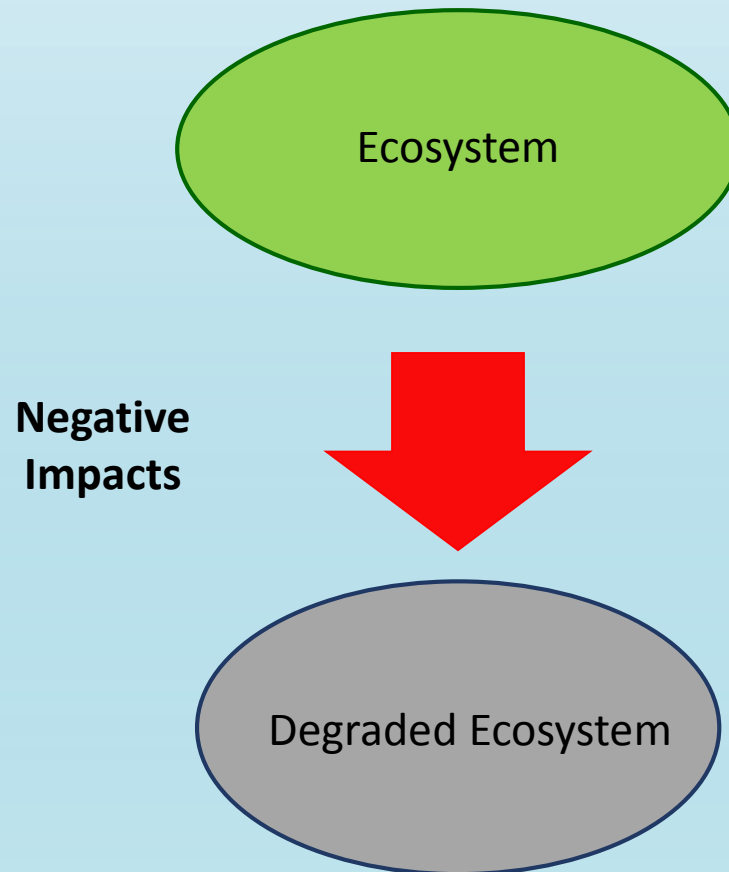
SWAP 2015 Content

Based on a simple premise



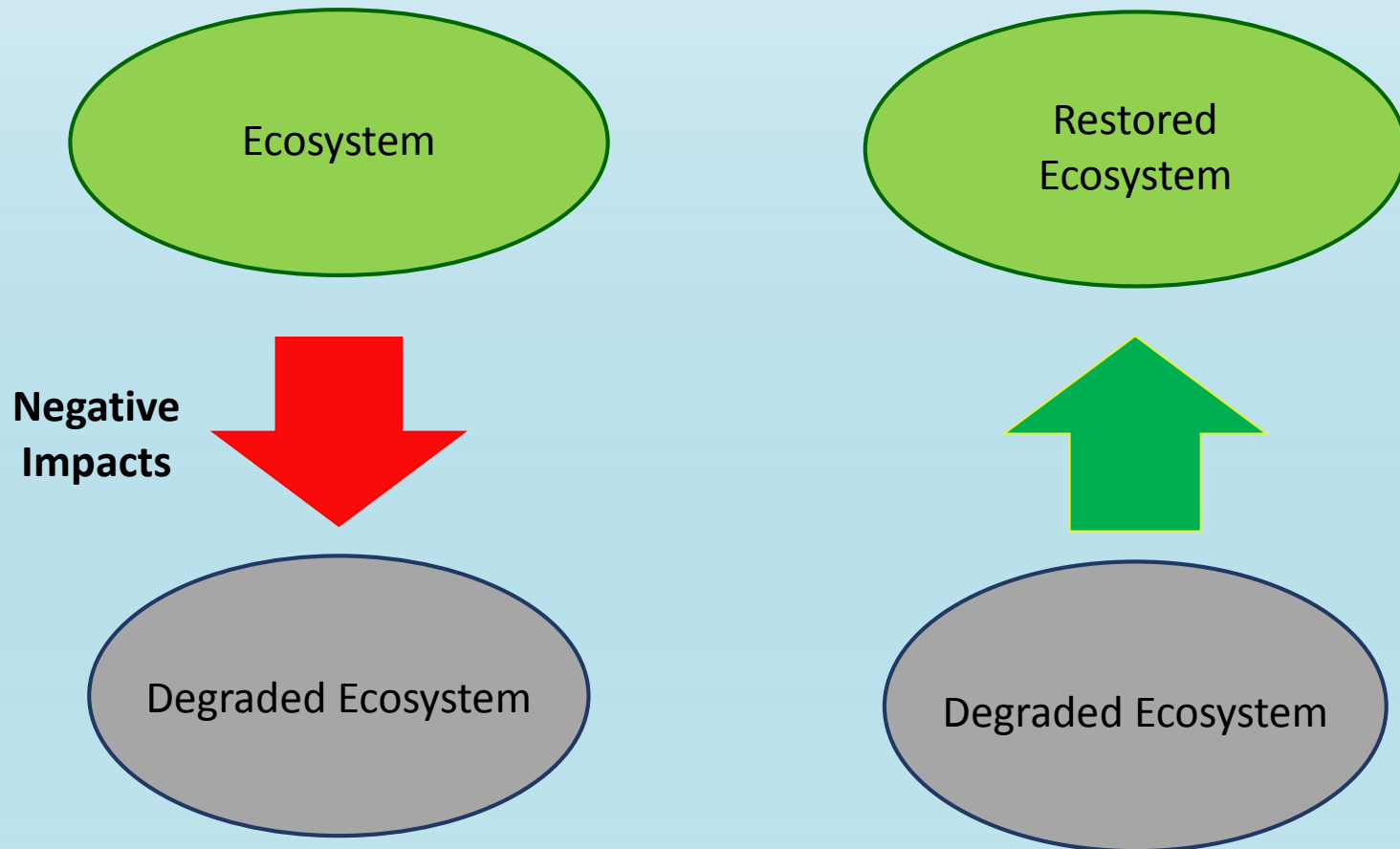
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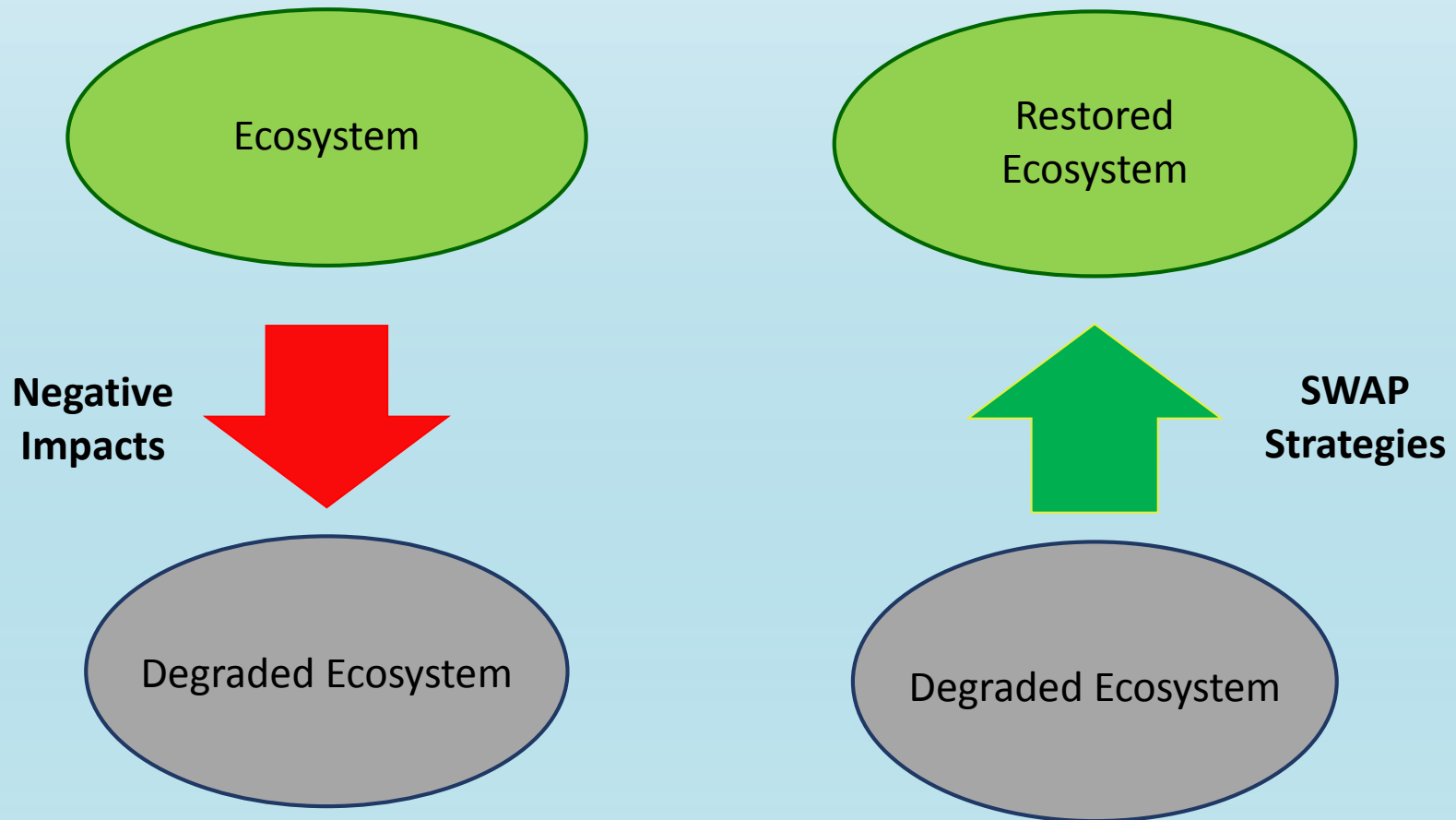
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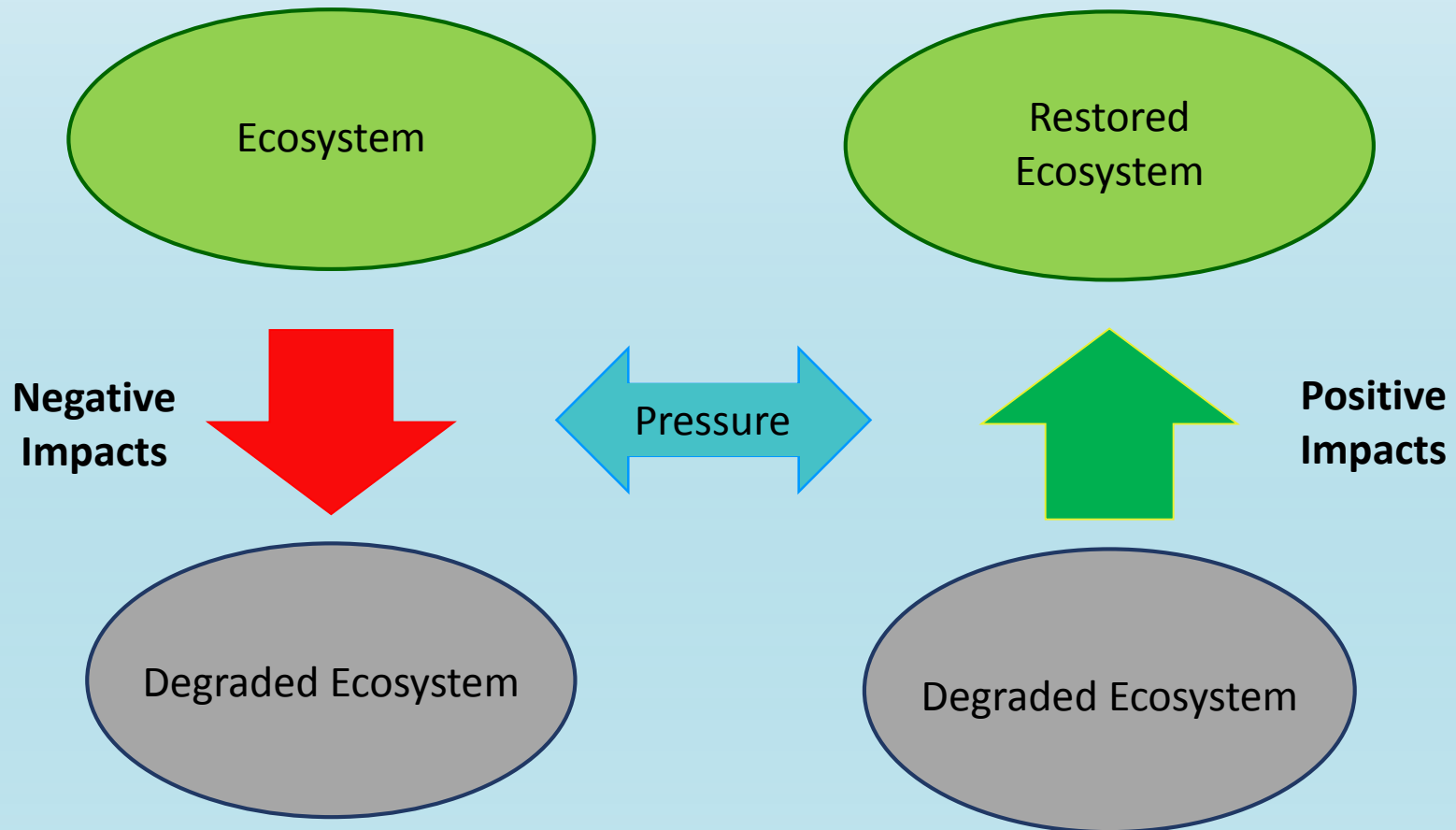
SWAP 2015 Content

Based on a simple premise



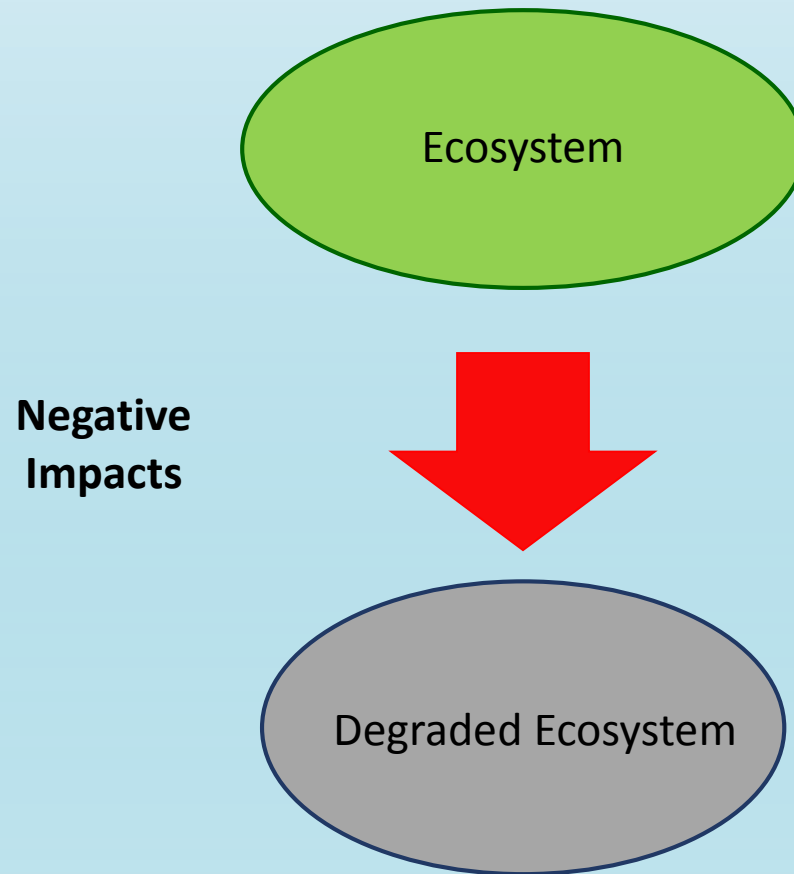
SWAP 2015 Content

Based on a simple premise



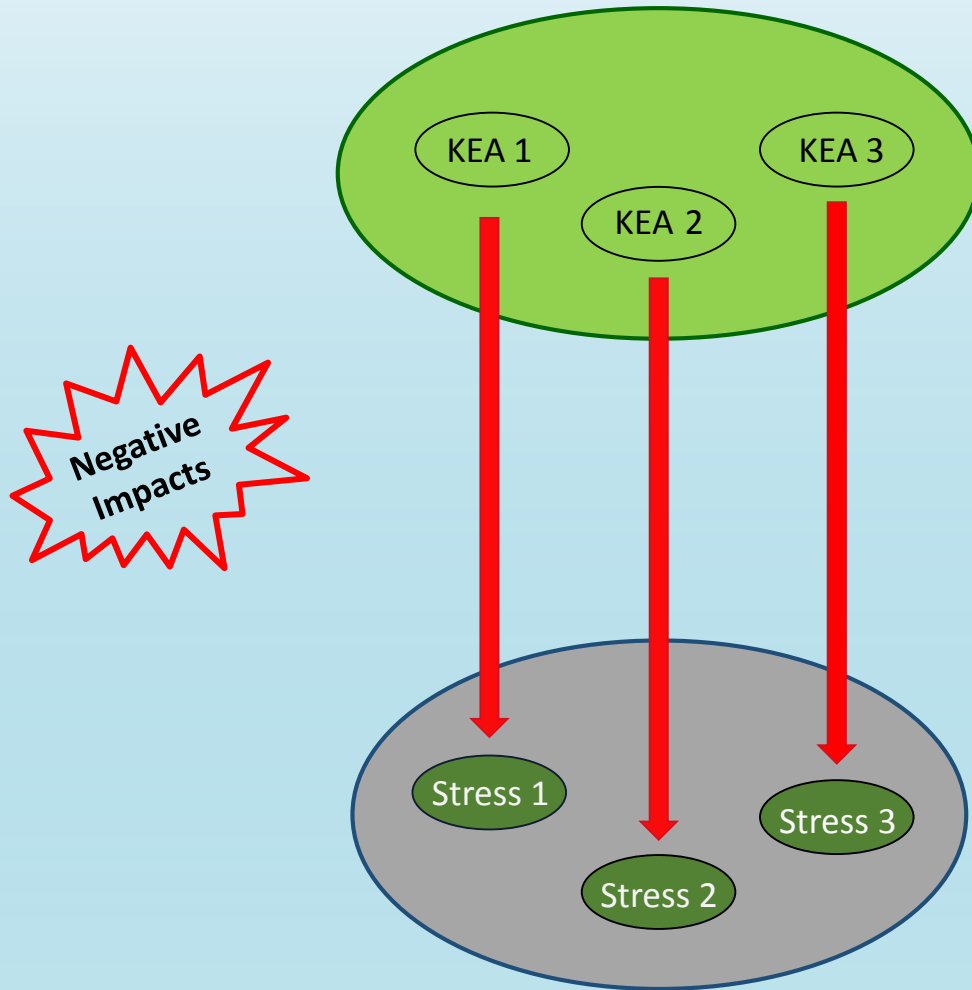
SWAP 2015 Content

Based on a simple premise



SWAP 2015 Content - Based on a simple premise

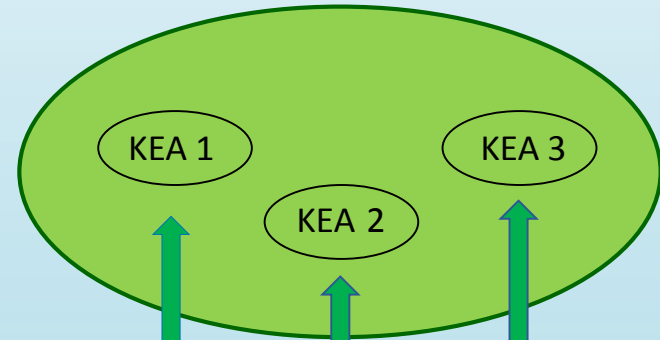
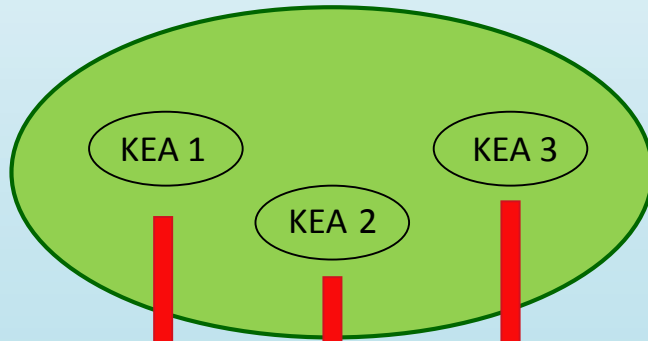
Ecosystem



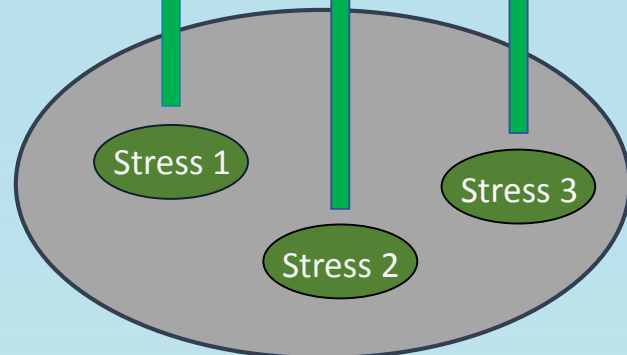
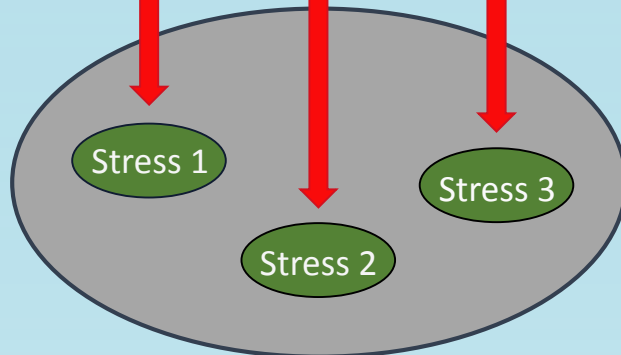
Degraded Ecosystem

SWAP 2015 Content - Based on a simple premise

Ecosystem



Degraded Ecosystem



Negative
Impacts

SWAP
Strategies

SWAP 2015 Core Content - Summary

- What to Conserve (Ecosystem, Target)
- What to Conserve (Key Ecological Attributes)
- What is Degraded and How Degraded (Stress)
- What is influencing (Pressure)
- What to do (Strategy)
- (Among Others)



SWAP 2015 Organization - Geophysical Units

40 Conservation Units

Terrestrial (20)

Inland Aquatic (16)

Marine (4)

7 Provinces

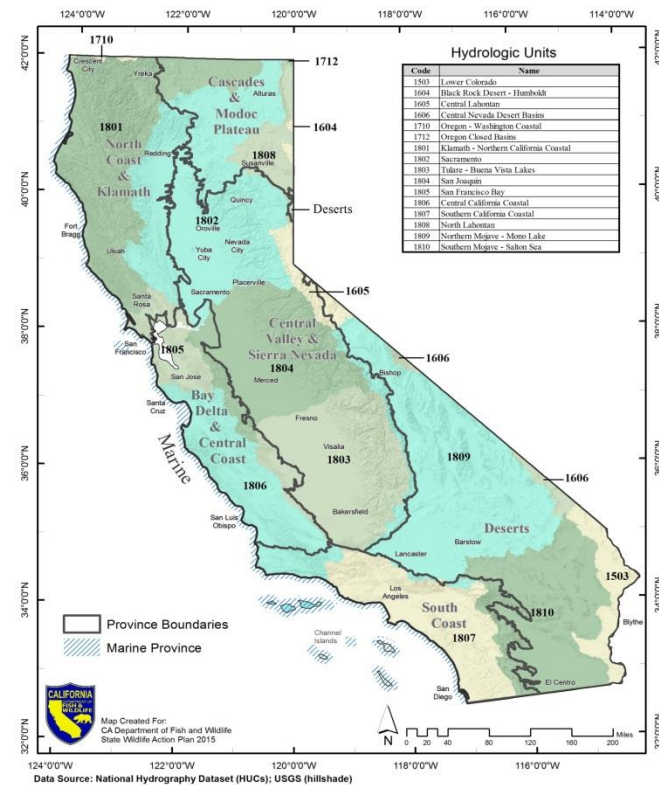
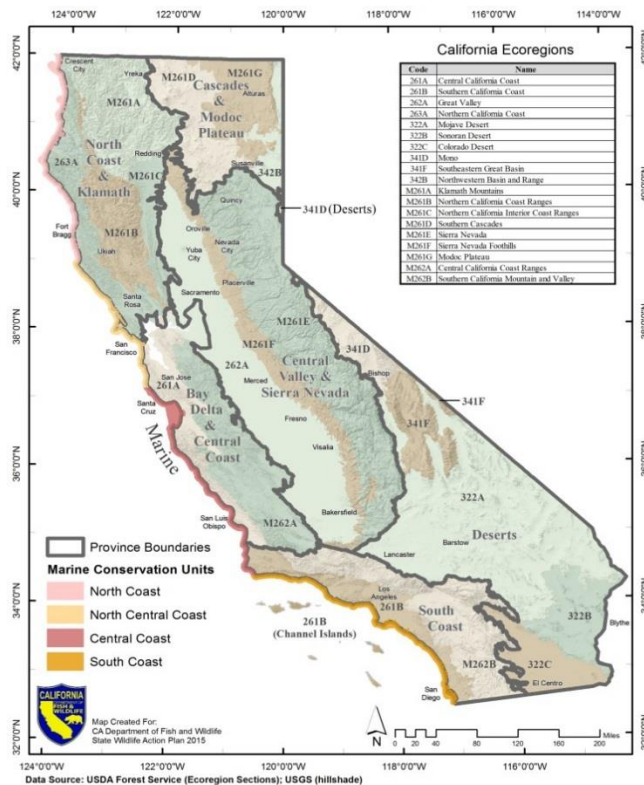
By grouping 40 units

&

Statewide



SWAP 2015 Organization - Geophysical Units



SWAP 2015 Organization

Ecosystem Conservation Target



>60 Targets

Target Types

Natural Community
Species Assemblage

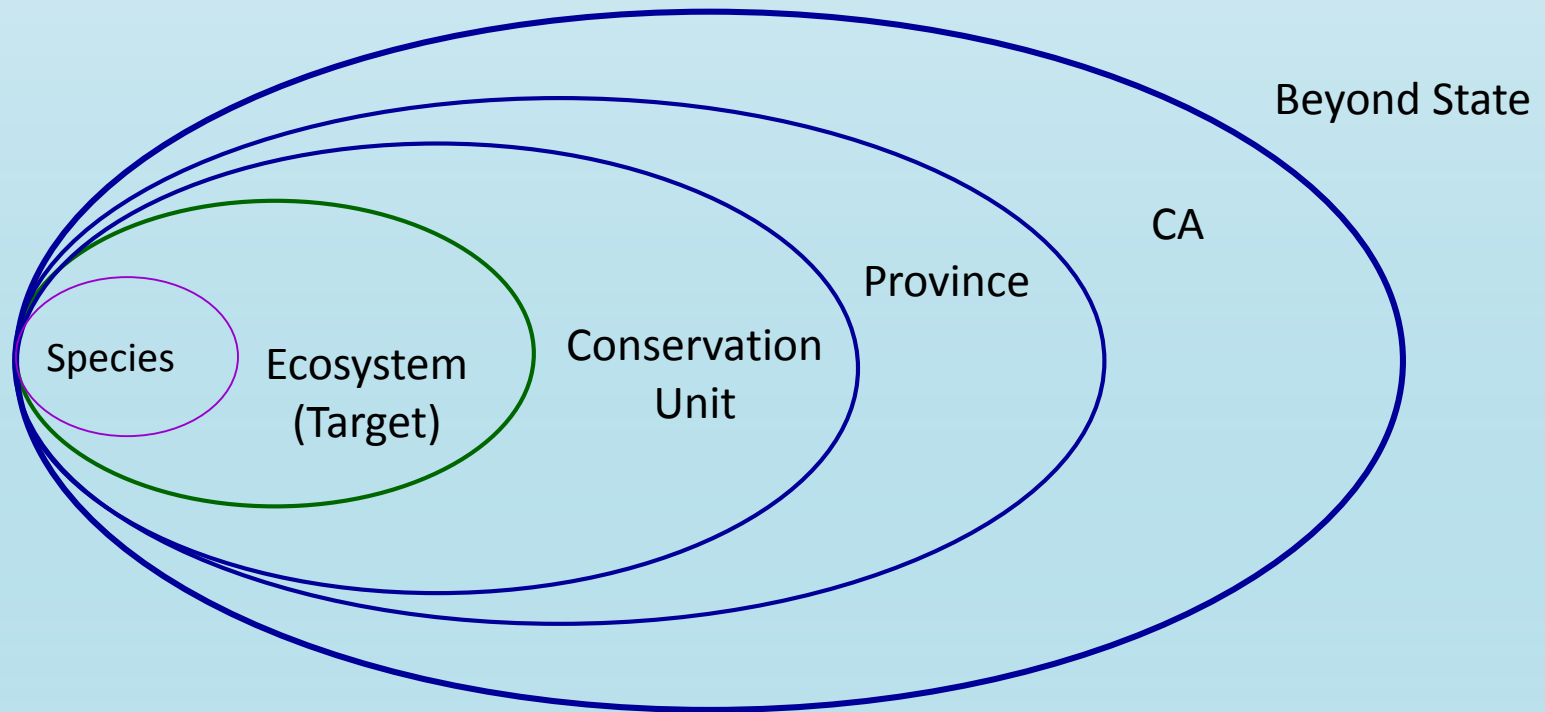
Criteria

(Terrestrial)

Species Richness
Endemism and Rarity
Vulnerability

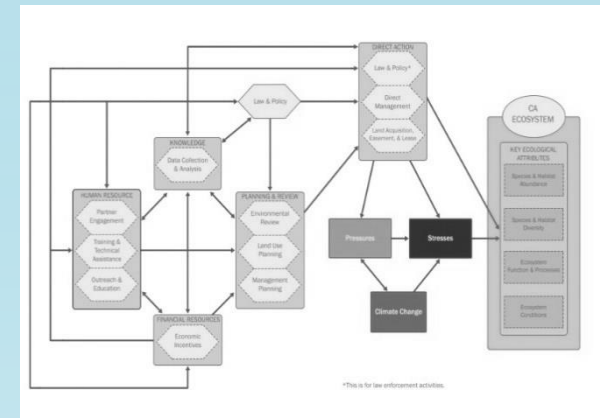
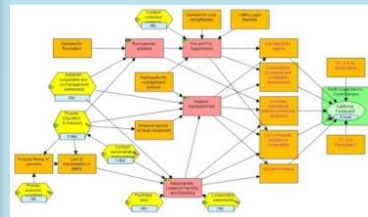
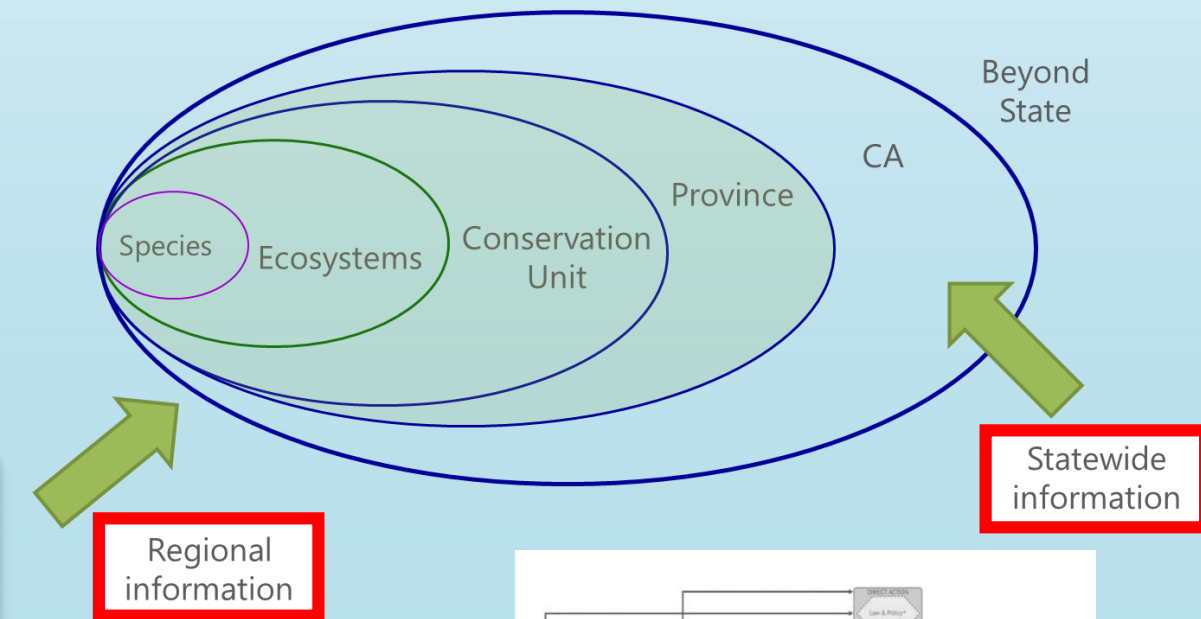
Organizational Hierarchy

Nested “physical” elements



SWAP 2015 Organization - Summary

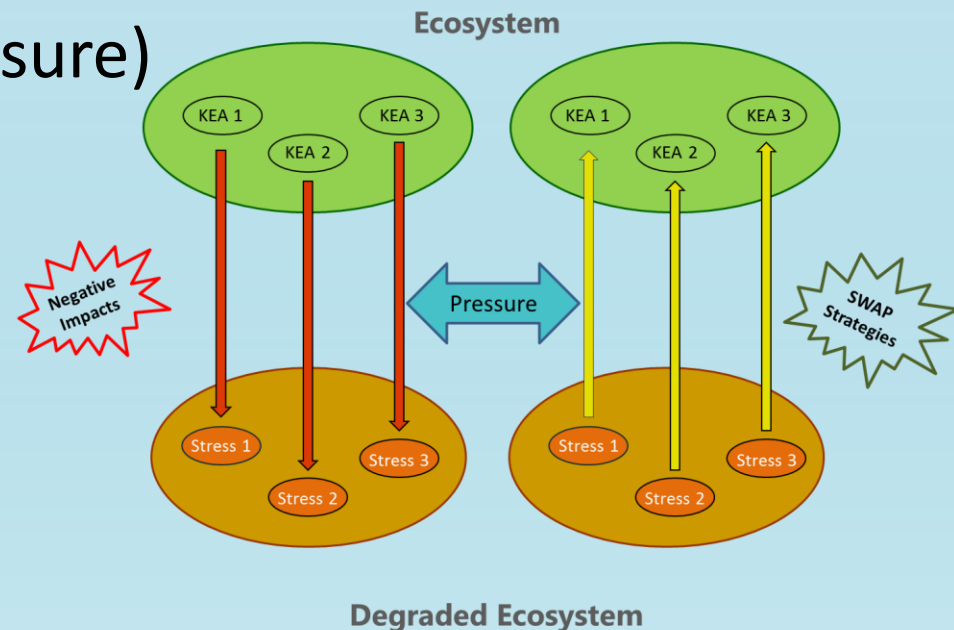
- Eco-centric, location-centric organization
- Two tiered structure



(some of the) SWAP 2015 Key Findings

There are common themes across the state

- What to conserve (Target, KEA)
- What is degraded (Stress)
- What is influencing (Pressure)
- What to do (Strategy)



SWAP 2015 Key Findings (Common Pressure)

Table 11 Most Commonly Identified Pressures		
Pressures	Conservation Unit Type	
	Terrestrial	Aquatic
Agriculture and forestry effluents		X
Annual and perennial non-timber crops	X	X
Dams and water management		X
Fire and fire suppression	X	X
Housing and urban development	X	
Introduced genetic materials		X
Invasive plants and animals	X	X
Livestock, farming, and ranching	X	X
Recreational activities	X	X
Roads and railroads	X	X
Utility and service lines	X	

SWAP 2015 Key Findings (Common Pressure)

Table 11 Most Commonly Identified Pressures		
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Livestock, farming, and ranching	X	X
Recreational activities	X	X
Roads and railroads	X	X
Utility and service lines	X	

SWAP 2015 Key Findings (Common Strategy)

Table 12 **Most Commonly Identified Strategies**

Strategies	Conservation Unit Type	
	Terrestrial	Aquatic
Data Collection and Analysis	X	X
Partner Engagement	X	X
Management Planning	X	X
Direct Management - Manage Invasive Species	X	X
Direct Management - Habitat Restoration	X	
Direct Management - Manage Dams and Other Barriers		X
Direct Management - Species Reintroductions		X
Land Acquisition, Easements, and Lease	X	X
Law and Policy	X	
Outreach and Education	X	X

SWAP 2015 Key Findings (What to do for What)

Table 13 Number of Conservation Strategy Categories Addressing Each Pressure

Pressure	Strategy Category										
	Data collection and analysis	Partner engagement	Management planning	Direct management	Economic incentives	Environmental review	Land acquisition, easement, and lease	Land use planning	Law and policy	Outreach and education	Training and technical assistance
Agricultural and forestry effluents	○	○	○	○		○		○	○	○	○
Airborne pollutants	○	○	○			○		○	○		
Annual and perennial non-timber crops	●	○	○	●	○		●	○	○	○	
Catastrophic geological events	○										
Climate change	●	●	○	○	○	○		○	○	○	○
Commercial and industrial areas ¹	○	○	○	○	○	○	●	○	○	○	
Dams and water management/use ²	○	●	○	○	○	○	○	○	○	○	
Fire and fire suppression	◼	◼	○	◼				○	○	○	○
Garbage and solid waste	○	○	○			○			○	○	○
Household sewage and urban wastewater ³	○		○					○	○	○	○
Housing and urban areas ¹	●	●	○	○	○	○	◼	○	○	○	
Industrial and military effluents ⁴		○	○					○	○	○	
Fishing and harvesting aquatic resources		○	○			○			○	○	
Introduced genetic material	○	○	○	○						○	○
Invasive plants/animals	◼	◼	◼	◼	○		○	○	○	◼	○
Livestock, farming, and ranching	○	●	●	◼	○		●		●	●	○
Logging and wood harvesting	○	○	○			○	○		○	○	
Marine and freshwater aquaculture	○	○	○	○				○	○	○	
Military activities		○									
Mining and quarrying			○	○							
Other ecosystem modifications ⁵			○	○				○	○	○	

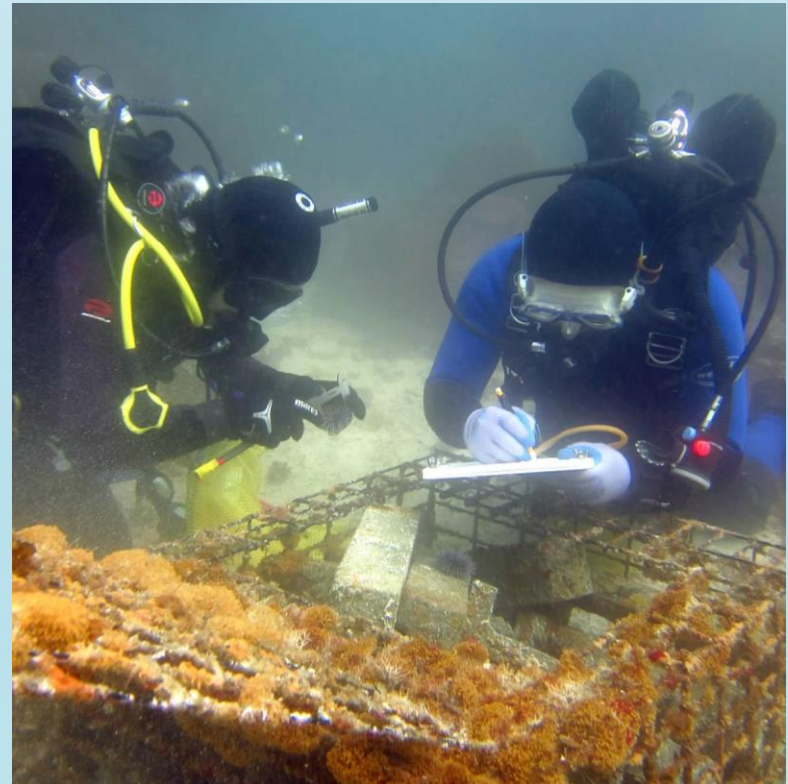
SWAP 2015 – Cut in Different Angle

From the point of implementation

- What to do
- What to address
- With whom

Re-organize by

- Key strategies
- Key influential factors
- Key partners

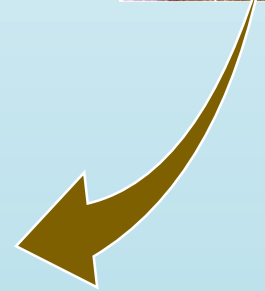


SWAP 2015 – Cut in Different Angle

The highlighted elements became the basis for...



SWAP 2015 Companion Plans



DRAFT CO COMPANIK

Fall 2015



DRAFT AGRICULTURE COMP/

Fall 2015



DRAFT FORESTS AND RANGELANDS COMPANION PLAN

Fall 2015



Thank You!



A white rabbit is visible in the background, standing in a dry, grassy field. The rabbit is facing forward, slightly to the left. The field is covered with dry, yellowish-brown grass and some small green plants. The background is slightly blurred, showing more of the field and some distant trees or bushes.

Companion Plans: Purpose, Process, and Development

Kurt Malchow, SWAP 2015 Companion Plan
Development Lead, CDFW

Companion Plans - Purpose

As defined in SWAP 2015: *“To support development of collaborative efforts that leverage human and financial resources, as well as increase efficiencies for implementation of goals, strategies, and actions described in the State Wildlife Action Plan”*



Companion Plan Elements

- *Elaborate on how the recommended SWAP conservation strategies could be implemented;*
- *Identify key priorities;*
- *Outline linkages and leveraging opportunities;*
- *Serve as a way to engage and encourage participation among agencies and partners.*



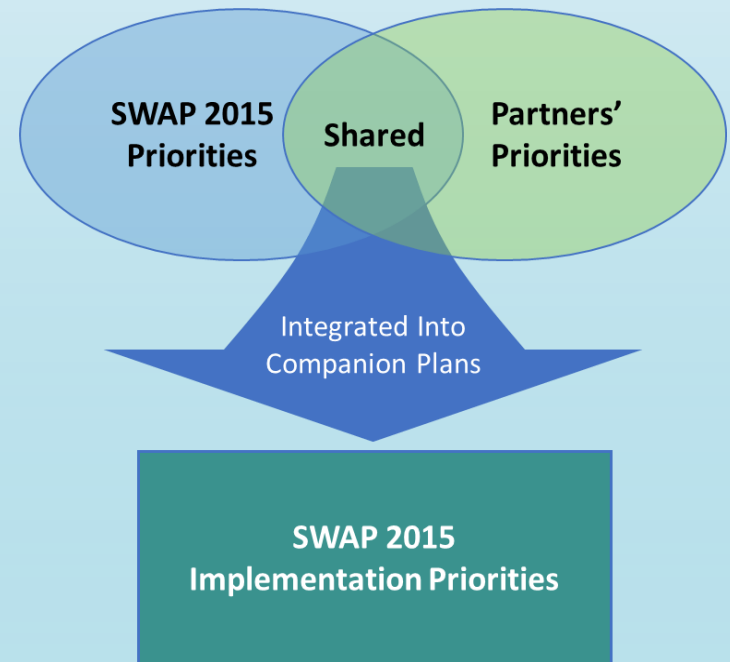
Why Companion Plans?

- Direct input from key partners
- The SWAP is an action plan, not strictly a reference document
- The integration and implementation of the many components of SWAP requires *guidance*
- The SWAP guides conservation funding
- The importance of leveraging conservation efforts, both inside and outside CDFW
- CDFW Policy (Fish & Game Code)



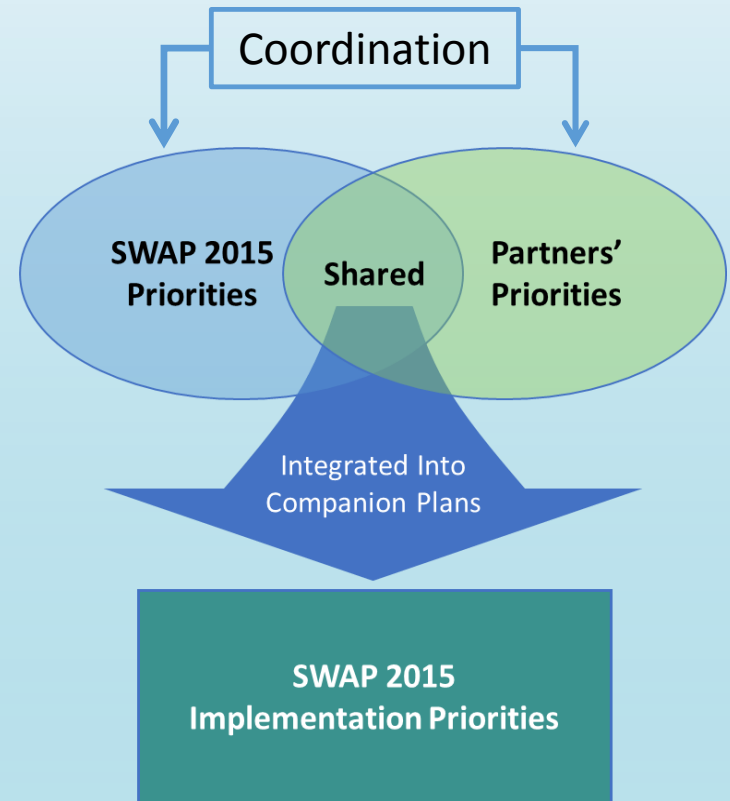
Companion Plan - Purpose

- **Identify shared goals** among SWAP 2015 and other major conservation efforts occurring across California
- **Strengthen capabilities** of participating organizations involved in management and conservation of California's natural resources and cultural heritage
- **Elevate those common goals**, strategies, and activities as the highest priorities for SWAP 2015 implementation

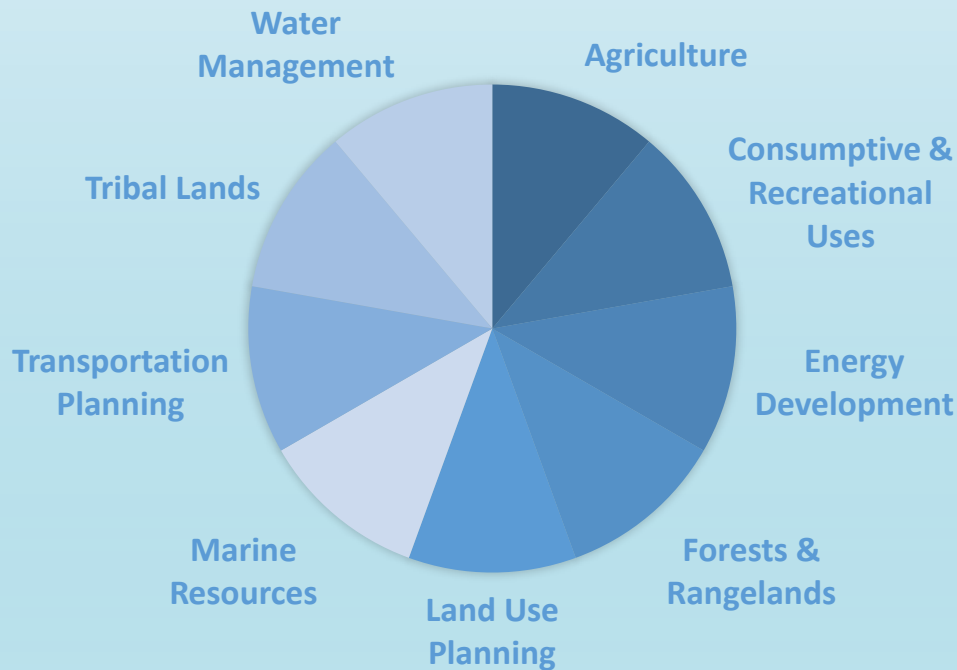


Companion Plan - Purpose

- **Identify shared goals** among SWAP 2015 and other major conservation efforts occurring across California
- **Strengthen capabilities** of participating organizations involved in management and conservation of California's natural resources and cultural heritage
- **Elevate those common goals**, strategies, and activities as the highest priorities for SWAP 2015 implementation

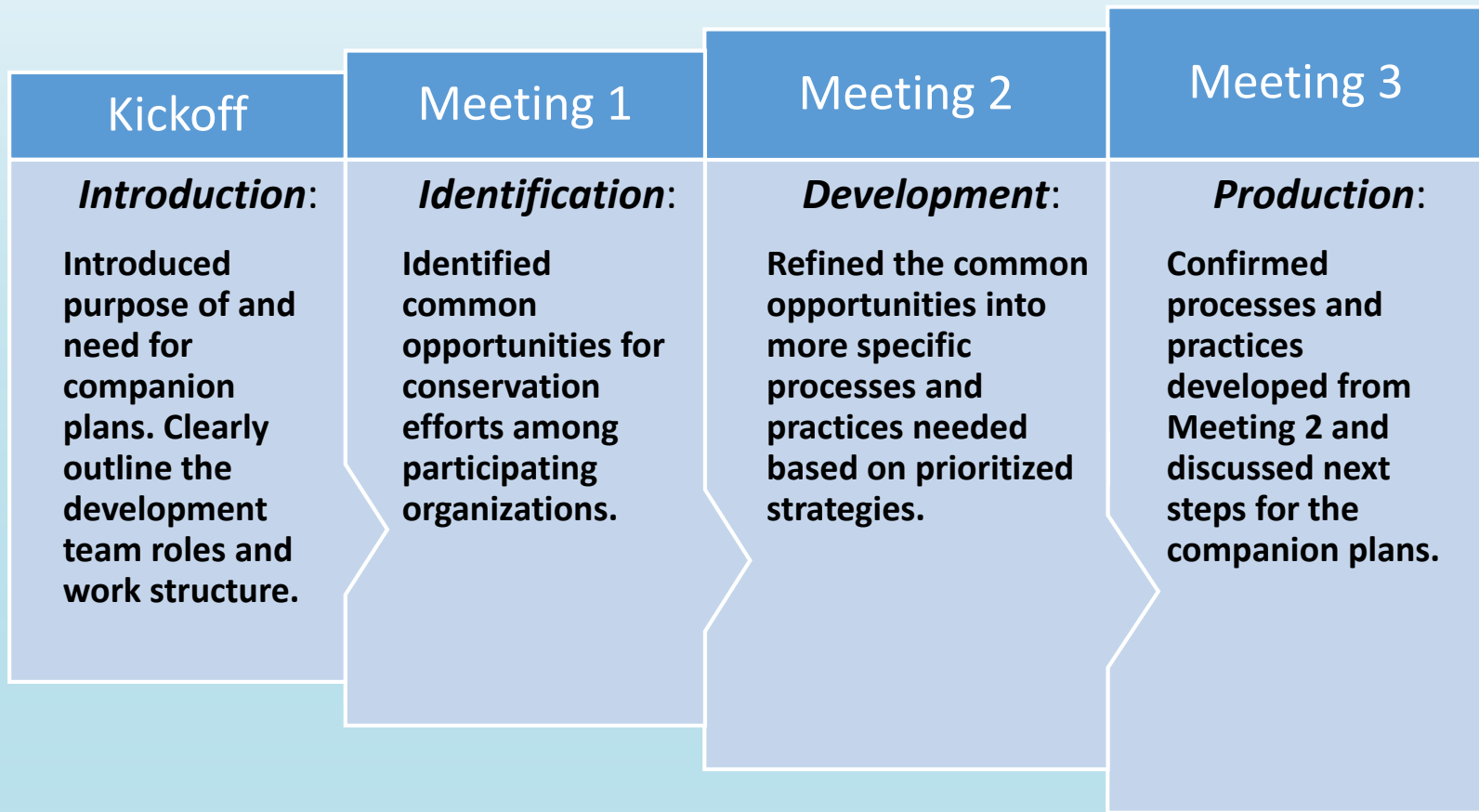


Development Teams



- Invited key entities to participate in development of companion plans for nine sectors
- Broad representation across all sectors, including: Academic, Business, Government Agencies (State and Federal), and NGOs
- Outreach to over 300 colleagues, with over 150 participating

Companion Plan – Process



Companion Plan – Development

- **Development team member follow-up work** between and after meetings:
 - ✓ Internal communication
 - ✓ Information collection
 - ✓ Reading of meeting materials
 - ✓ Review of draft companion plans
- **Blue Earth drafted nine sector-specific companion plans** based on the outcomes of the development team meetings and feedback from development and management teams
- **Blue Earth and CDFW facilitating a public scoping meeting** to provide an overview of and solicit comment on the companion plans



Companion Plan - Development

Development Teams

- Actively participated in meetings
- Identified ecosystem management priorities for the sector companion plan,
- Contributed expertise, data, and information to clarify statements, avoid false assumptions, and advance innovative implementation
- Supported collection and sharing of information relevant to the companion plan sector
- Assisted with action items identified during meetings, as needed
- Provided feedback on two rounds of draft companion plans
- Sought opportunities for coordination, collaboration, and leveraging of financial and human resources



Companion Plan - Development

CDFW Management Team

- Conducted outreach efforts with agencies, tribal representatives, and other organizations involved in conserving and managing the State's natural resources to gain development team participation
- Vetted decisions, when consensus was not reached by the development teams (development team decisions were made by a simple majority vote)
- Supported development and review of each companion plan

Blue Earth

- Scheduled meeting times and locations, and developed meeting and plan materials
- Ensured overall discussion was productive and focused
- Organized the resulting outputs and feedback from development team meetings into companion plans that outline how SWAP strategies will be jointly implemented within each sector
- Developed and revised drafts for each companion plan



Companion Plan Structure Overview

Tegan Hoffmann, Principal and Facilitator,
Blue Earth Consultants, LLC

Nine Sectors

1. Agriculture
2. Consumptive & Recreational Uses
3. Energy Development
4. Forests & Rangelands
5. Land Use Planning
6. Marine Resources
7. Transportation Planning
8. Tribal Lands
9. Water Management



Companion Plan Sections

1. Introduction
2. Sector Description
3. Common Themes across Nine Sectors
4. Commonly Prioritized Pressures and Strategy Categories across Sectors
5. Sector Priority Pressures and Strategy Categories
6. Collaboration Opportunities for Joint Priorities
7. Evaluating Future Collaboration Efforts
8. Next Steps
9. Closing
10. Appendices



Companion Plan Sections

1. Introduction

- SWAP 2015 Overview
- SWAP 2015 Statewide Goals
- Companion Plans Overview
 - Need for Partnerships
 - Purpose and Sector Selection
 - Development
 - Content



Companion Plan Sections

2. Sector Description

- Sector Overview in California
- Current Sector Management and Conservation in California
 - Collaborative Conservation Effort Examples in Sector (Text Box)



Companion Plan Sections

3. Common Themes across Nine Sectors

- Climate Change Related Issues
- Integrated Regional Planning



Companion Plan Sections

4. Commonly Prioritized Pressures and Strategy Categories across Sectors

- No other commonly prioritized pressures other than climate change
- Prioritized Strategy Categories
 - Data Collection and Analysis (78% or 7 sectors prioritized this strategy category)
 - Management Planning (78% or 7 sectors)
 - Partner Engagement (56% or 5 sectors)



Companion Plan Sections

5. Sector Priority Pressures and Strategy Categories

- Priority Pressures
- Priority Strategy Categories
 - Example Strategies
 - Conservation Activities
- Identified Pressures and Strategies for Future Consideration (Text Box)



Companion Plan Sections

6. Collaboration Opportunities for Joint Priorities

- Alignment Opportunities by Jurisdiction and Locality
- Collaboration Opportunities and Potential Resources by Strategy Category (Table)
- Potential Financial Resources for Joint Implementation



Companion Plan Sections

7. Evaluating Future Collaboration Efforts

- Desired Outcomes and Outputs
- Evaluating Implementation Efforts



Companion Plan Sections

8. Next Steps

- Identification key next steps to ensure successful implementation of the companion plan



Companion Plan Sections

9. Closing

- Recognition of Partners
- Work Plan Development



Companion Plan Sections

10. Appendices

- List of Potential Partners and Coordination Bodies
- Plans, Strategies, and Documents Identified by Development Team
- CDFW Companion Plan Management Team
- Sector Companion Plan Development Team Members and Affiliations
- Glossary



The background of the slide is a scenic coastal landscape. In the foreground, there is a dense field of small, light blue flowers with green leaves. Beyond the flowers, the ocean is visible, with white waves crashing against a rocky shoreline. In the distance, a hilly coastline is visible under a clear blue sky with some light clouds.

Opportunities for Public Input

Public Comment Process

Please submit written comments by **January 15, 2016.**

- **Online:** www.wildlife.ca.gov/SWAP/Final/Companion-Plans
- **Email:** SWAP@wildlife.ca.gov
- **Mail:** CDFW - SWAP 2015 Update
1416 Ninth Street, 12th Floor
Sacramento, CA 95814



Public Comment Process - Online

Online: www.wildlife.ca.gov/SWAP/Final/Companion-Plans

[Home](#) | [SWAP](#) | [Final](#) | [Companion Plans](#)

State Wildlife Action Plan 2015 Update - Draft Companion Plans

SWAP 2015 Draft Companion Plans Available for Review

The draft nine companion plans associating with the final California State Wildlife Action Plan 2015 Update [have been released for the public review](#).

The California State Wildlife Action Plan 2015 Update (SWAP 2015) provides a vision and a framework for conserving California's diverse natural heritage. SWAP 2015 also recognizes the need and calls for developing a collaborative framework to manage ecosystems sustainably across the State in balance with human uses of the natural resources. To address the need for a collaborative framework, California Department of Fish and Wildlife (CDFW), Blue Earth Consultants, LLC (Blue Earth), and partner agencies and organizations began preparation of sector-specific companion plans prior to the submission of the [SWAP 2015 final document](#). While the public draft of the nine companion plans found below reports on the progress made thus far on collaboration, the intent is to set a stage for achieving the State's conservation priorities through continued partnership and by mutually managing and conserving the State's natural and cultural resources.

The public review period for the nine draft companion plans has been arranged from **November 16, 2015 to January 15, 2016**. CDFW is accepting comments by writing:

- i. [Online comment form](#)
- ii. To send a letter, please use the following address:
California State Wildlife Action Plan (SWAP) 2015 Update
California Department of Fish and Wildlife
1416 Ninth Street, 12th Floor
Sacramento, CA 95814
- iii. To send an e-mail, please use the following account (preferably comments are in an attached PDF):
SWAP@wildlife.ca.gov

A [public meeting for SWAP 2015 Draft Companion Plans](#) is also arranged on November 30, 2015.

Comment Form

- [SWAP Companion Plans – Public Comment Form](#)

Draft Companion Plans

- [SWAP 2015 Draft Companion Plan-Transportation \(PDF\)](#)
- [SWAP 2015 Draft Companion Plan-Agriculture \(PDF\)](#)
- [SWAP 2015 Draft Companion Plan-Consumptive and Recreational Uses \(PDF\)](#)
- [SWAP 2015 Draft Companion Plan-Energy \(PDF\)](#)
- [SWAP 2015 Draft Companion Plan-Forest & Rangelands \(PDF\)](#)
- [SWAP 2015 Draft Companion Plan-Land Use Planning \(PDF\)](#)
- [SWAP 2015 Draft Companion Plan-Marine \(PDF\)](#)
- [SWAP 2015 Draft Companion Plan-Tribal Lands \(PDF\)](#)
- [SWAP 2015 Draft Companion Plan-Water Management \(PDF\)](#)

*Click for the online
comment form

*Click to see each
companion plan



Public Comment Process – Comment Form

SWAP Draft Companion Plans – Public Comment Form

You may comment digitally by using the comment form below. Written comments may also be sent to CDFW - SWAP 2015 Update, 1416 9th Street, 12th Floor, Sacramento, CA 95814, or by email to SWAP@wildlife.ca.gov. Comments are due by January 15, 2016.

Notes

You will have limited time to add your comments to this form. We recommend preparing your comments in advance so that you can simply copy and paste them into the text boxes. If you have any problems using this form, please contact webmaster@wildlife.ca.gov.

Most text boxes will have a 5,000 - 10,000 character limit.

Please include page number and sub-header (if available) when entering comments.

Contact Information

Name
First Name Last Name

Email

Affiliation

Address
Street Address

City State / Province

Postal / ZipCode Country

Phone
Phone Number

Best way to contact

☐ Email ☐ Phone ☐ U.S. Mail

Comment Scope

Scope of my Comments:

- ☒ I have only general comments on the SWAP 2015 companion plans (overall comments on Companion Plans)
- ☐ I have only comments on specific sector(s) (including Front and End sections)
- ☐ I have both general comments on the SWAP 2015 companion plans and also for specific sectors (including Front and End sections)

Next

Step 1: Fill in **Contact Information**

Step 2: Fill in **Comment Scope** (i.e., overall, specific sector, both)



Public Comment Process – Comment Form

SWAP Draft Companion Plans – Public Comment Form

Select Sector

Front Section (Comments on the Front Section, including Cover, Table of Contents, and Acronyms and Abbreviations)

- ☐ Add comments about the Front Section

Agriculture

- ☐ Add general comments for Agriculture
☐ Add comments for specific chapters/sections of Agriculture

Consumptive and Recreational Uses

- ☐ Add general comments for Consumptive and Recreational Uses
☐ Add comments for specific chapters/sections of Consumptive and Recreational Uses

Energy Development

- ☐ Add general comments for Energy Development
☐ Add comments for specific chapters/sections of Energy Development

Forest and Rangelands

- ☐ Add general comments for Forest and Rangelands
☐ Add comments for specific chapters/sections of Forest and Rangelands

Land Use Planning

- ☐ Add general comments for Land Use Planning
☐ Add comments for specific chapters/sections of Land Use Planning

Transportation Planning

- ☐ Add general comments for Transportation Planning
☐ Add comments for specific chapters/sections of Transportation Planning

Tribal Lands

- ☐ Add general comments for Tribal Lands
☐ Add comments for specific chapters/sections of Tribal Lands

Water Management

- ☐ Add general comments for Water Management
☐ Add comments for specific chapters/sections of Water Management

Marine Resources

- ☐ Add general comments for Marine Resources
☐ Add comments for specific chapters/sections of Marine Resources

End Section (including References)

- ☐ Add comments about the End Section

Back

Next

For sector-specific comments:

Step 3: Select specific sector

- Select **general comments**

Consumptive and Recreational Uses

- ☒ Add general comments for Consumptive and Recreational Uses
☐ Add comments for specific chapters/sections of Consumptive and Recreational Uses

General Comments - Consumptive and Recreational Uses

or

- Select **comments for specific chapter/section**

Consumptive and Recreational Uses

- ☐ Add general comments for Consumptive and Recreational Uses
☒ Add comments for specific chapters/sections of Consumptive and Recreational Uses

Comment on Chapter 1 Introduction - Consumptive and Recreational Uses

Comment on Chapter 2 Sector Description - Consumptive and Recreational Uses

Comment on Chapter 3 Common Themes across Nine Sectors - Consumptive and Recreational Uses

Step 4: Enter comments, then **Submit**

Public Comment Process

Please submit written comments by **January 15, 2016.**

- **Online:** www.wildlife.ca.gov/SWAP/Final/Companion-Plans
- **Email:** SWAP@wildlife.ca.gov
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Discussion Question & Answer



Thank You!
