

California LCC Steering Committee Scenario Planning



Scenario Planning for California LCC Steering Committee

Purpose of this scenario planning: To envision a CA LCC that is *successful* regardless of funding levels from the Department of the Interior.

Objective of the exercise: We generate a set of strategies that steering committee members are aligned on and are willing to pursue.

What is *success of the CA LCC*? The CA LCC informs and promotes integrated science, natural resource management and conservation to address impacts of climate change and other stressors within and across ecosystems. If the CA LCC is successful, California will support diverse and thriving ecosystems through lasting cooperative conservation partnerships.

Timeline

- Introduction (30 minutes)
- Breakout groups for strategies (45 minutes)
- Roll up and dot voting (70 minutes)
- Next step (15 minutes)

Defining the scenario planning framework

Major sources of uncertainty: What is the 5-year future of funding for the CA LCC?

Major assumptions: We assume that Strategic Plan and Science Framework remain in place and those objectives continue to guide the LCC work, even as funding increases or decrease. We will have a chance to revisit those documents in the future, but for now, we're sticking with them as the guide for our work.

Time horizon for impacts and actions: We'd like the steering committee to use scenario planning to identify impacts and solutions for the CA LCC work over the next 5 years.

Plausible futures for the CA LCC

- **Federal contribution to LCC budget increased.**
 - Starting 2017:
 - The CA LCC budget contribution from FWS increases from \$1.6M to \$3.2M over five years.
 - Other DOI agencies receive funding to support LCCs including;
 - USGS supports CA LCC with two USGS staff
 - SWCSC supports CA LCC with one staff and project funds
 - NOAA and USDA each allocated \$10 M nationwide. Both agencies dedicate ½ staff to CA LCC and project funds that meet CA LCC goals and objectives on annual basis for next 5 years.
- **Federal contribution to LCC budget cut in half.**
 - Starting in 2017:
 - CA LCC budget contribution from FWS decreases from \$1.6M to \$800,00 and continues to decrease reaching \$525,000 in five years.
 - Other DOI agency support is withdrawn.
 - NOAA and USDA are not encouraged to coordinate with LCCs.

Federal Contribution to LCC Budget Increased

CA LCC Activities Meeting 5-Year Plans Objectives (FY 2013-15)

Plan Components	Science-Management Framework Objective 1 - Pilot Based Projects	Science-Management Framework Objective 2 - Ecosystem Processes Projects	Science-Management Framework Objective 3 - Landscape Conservation Design	Charter - Annual Affiliate Workshop (Large = 200 ppl)	Communication Plan - Science Delivery Workshops /Trainings (100 ppl)	Focused Engagement
Quantity Needed to Fulfill Plans by 2018	10 plus more!	3 plus more!	2 plus more!	2 plus more!	200!	
Quantity Completed or Ongoing		3 Ongoing	1 Ongoing	1 Completed	38 Completed	
Activities	Implementing Climate-Smart Restoration along California's Central Coast	Assessing the Impacts of Future Climates and Fire on Hydrologic Regimes in the Mediterranean-type Ecosystems of Southern California	Project kick-off Meeting - October 2014 Central Valley Landscape Conservation Project	Climate Summit	Science Delivery Projects (9 projects delivered 32 workshops/trainings)	Baja/Southern California Climate Science Alliance
	Incorporating Climate-Smart Adaptive Strategies into Wetlands Recovery in Coastal Southern California	Effects of Climate Change on California Tiger Salamanders in the Central Valley	Scenario Planning Workshop - Central Valley Landscape Conservation Project		TEK Training	Tribal Team Development
	North-central Coast and Ocean Climate-Smart Adaptation Project	Managing Sierra Nevada Meadows for Water Supply and Habitat Benefits	Priority Natural Resources Workshop - Central Valley Landscape Conservation Project		Tribal Climate Adaptation Workshop	Climate Commons Development
	Vulnerability Assessment and Adaptation Planning for National Forest Lands in Southern California		Vulnerability Assessment Workshop - Central Valley Landscape Conservation Project		Climate-Smart Conservation Training (4)	
Color Key	FY 2013	FY 2014	FY 2015	FY 13, 14, & 15		

Federal Contribution to LCC Budget Decreased

CA LCC Activities Meeting 5-Year Plans Objectives (FY 2013-15)

Plan Components	Science-Management Framework Objective 1 - Place Based Projects	Science-Management Framework Objective 2 - Ecosystem Processes Projects	Science-Management Framework Objective 3 - Landscape Conservation Design	Charter - Annual Affiliate Workshop (Large ~200 people)	Communication Plan - Science Delivery Workshops /Trainings (50 ppl)	Focused Engagement
Quantity Needed to Fulfill Plans by 2018	10	2	2	1	38	
Quantity Completed or Ongoing	4 Ongoing	3 Ongoing	1	1 Completed	38 Completed	
Activities	Implementing Climate-Smart Restoration along California's Central Coast	Assessing the Impacts of Future Climates and Fire on Hydrologic Regimes in the Mediterranean-type Ecosystems of Southern California	Project kick-off Meeting - October 2014 Central Valley Landscape Conservation Project	Climate Summit	Science Delivery Projects (9 projects delivered 32 workshops/trainings)	Baja/Southern California Climate Science Alliance
	Incorporating Climate-Smart Adaptive Strategies into Wetlands Recovery in Coastal Southern California	Effects of Climate Change on California Tiger Salamanders in the Central Valley	Scenario Planning Workshop - Central Valley Landscape Conservation Project		TEK Training	Tribal Team Development
	North-central Coast and Ocean Climate-Smart Adaptation Project	Managing Sierra Nevada Meadows for Water Supply and Habitat Benefits	Priority Natural Resources Workshop - Central Valley Landscape Conservation Project		Tribal Climate Adaptation Workshop	Climate Commons Development
	Vulnerability Assessment and Adaptation Planning for National Forest Lands in Southern California		Vulnerability Assessment Workshop - Central Valley Landscape Conservation Project		Climate-Smart Conservation Training (4)	
Color Key	FY 2013	FY 2014	FY 2015	FY 13, 14, & 15		







What ***strategies*** could be developed to ensure the success of the LCC

- Federal budget increased.
 - Group generates list of strategies
- Federal budget cut in half.
 - Group generates list of strategies

Strategies are suites of actions that the LCC and it's landscape of partners could engage in over the next 5 years to achieve objectives. The more specific these strategies the better: *who, what, when!*

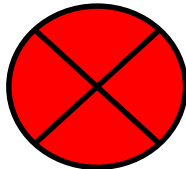
Be creative, and don't be constrained by feasibility (for now).

Time for the green hats!

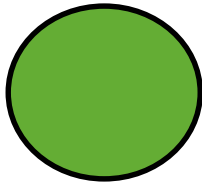
COLOURED HAT	THINK OF	DETAILED DESCRIPTION
	<i>White paper</i>	The white hat is about data and information. It is used to record information that is currently available and to identify further information that may be needed.
	<i>Fire and warmth</i>	The red hat is associated with feelings, intuition, and emotion. The red hat allows people to put forward feelings without justification or prejudice.
	<i>Sunshine</i>	The yellow hat is for a positive view of things. It looks for benefits in a situation. This hat encourages a positive view even in people who are always critical.
	<i>A stern judge</i>	The black hat relates to caution. It is used for critical judgement. Sometimes it is easy to overuse the black hat.
	<i>Vegetation and rich growth</i>	The green hat is for creative thinking and generating new ideas. This is your creative thinking cap.
	<i>The sky and overview</i>	The blue hat is about process control. It is used for thinking about thinking. The blue hat asks for summaries, conclusions and decisions.

Prioritizing strategies

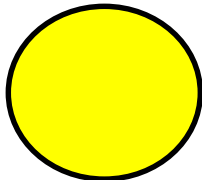
- The ***most important strategy*** is the strategy you would invest in if you could only do one thing.



Most important strategy if budget is reduced



Most important strategy if budget is increased



Most important strategy under both scenarios

What we end up with at the end of the day

Scenarios for future

Budget cut in half

Budget increased

Brainstorm of strategies

List generated by group

List generated by group

Prioritized strategies

Prioritized if budget reduced

Prioritized for both scenarios

Prioritized if budget increased

Next steps