

**California Landscape Conservation Cooperative  
Stakeholder Workshop  
March 18, 2010**

**Breakout Session Flipchart Notes**

The following sections reflect verbatim notes from numerous breakout sessions held between LCC stakeholders during the 19 March 2010 Workshop. Groups were not assigned, nor did they label themselves with titles. Also, when notes were collected at the end of the meeting by workshop staff, they appear to have not been labeled or numbered. Therefore, the following sections have been labeled numerically (e.g. Group 1, Group 2, etc).

## Group 1

Core values to support goal:

- a. "Leverage existing"
- b. Identify gaps
- c. Coordination/facilitation of partnerships (recog. Multi-dimensional needs)
- d. Rapidly changing environment
- e. Communication/Info exchange
- f. Connect funding sources with needs

Essential functions:

- g. National coordination
  - i. Communication
  - ii. Info exchange
  - iii. Connect funding sources with needs
- h. All \_\_\_ resources/taxa
- i. Needs to meet needs of partners
  - i. Design strategies
  - ii. "Strategies" or "tools" to implement
  - iii. Leverage existing modeling/downscaling
  - iv. Leverage existing data (GIS)
- j. Information dissemination/sharing

Partner needs:

- Lessons learned sharing
- Information clearinghouse
- Sharing data and tools
- Connectivity to partners to yield max results
- Identifying gaps
- Education
  - o Public
  - o Within partner orgs
- Identify science/needs, data/tools of managers, partners/influencing/driving, direction
- Identify partners to develop tools/strategies (leverage existing)
- ~~How do we build flexibility~~
- ~~Help find funding sources and connect to partners~~

## Group 2

### Organization:

“climate change”

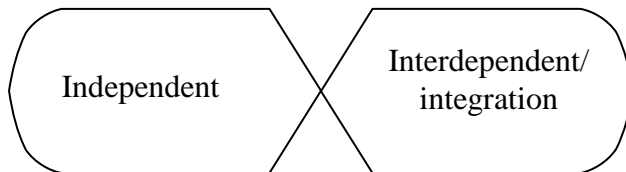
- JV model?
  - o Advocacy
  - o Application
  - o Collaboration
  - o Partners
  - o Narrow focus vs broad
- Get ahead of the next cc wave
- ID missing pieces, landscape? Pieces
- Active communication and connections
- Hybrid geography, taxonomy and function working groups?
- Info exchange
- “Seamless” national network?
- “clearinghouse” concept
- Synthesize info at landscape level
- Tech support/coor?
- Align resources
- “extension” service for cc (RCD model)
- Watershed management
- Feed into application of best available science
- Service Center
- Determine where to direct monitoring and research money
- How are decisions made?

## Group 3 (City Room)

### Vision for CA LCC

- Bring science capacity to bear on conservation and accelerating environmental change
- Address scientific uncertainty and lack of capacity to support adaptive management
- What to do guidance
- All stressors not just climate
- Data integration
- Science guiding conservancy
- Forum for translational science
- Sharing and managing risk associated with uncertainty
- Access to science
  - o Same sets of information
- Access to what management is taking place
- Integration across inst. Boundaries
- Accessible online info sharing

### Chart Page 3)



### Essential Functions

- Information distribution to landowners and public on adaptation projects (energy comm.)
- Clearing house to avoid duplication
- Data analysis synthesis
- Research – new and existing gov/NGO/academic
- Conservation Planning
- Adaptation strategy. Forum – prioritization
- Efficiency
- Policy Implications, policy evaluation
- Evaluate adaptation strategies

## Group 4

### What does it look like?

- Conservation driven by ecosystem function and process
- Successful adaptation strategies
- Portfolio of management actions robust to long term change and uncertainties (short term?)
- Whole ecosystem strategies
  - o Integrate public/private/Tribal
- Effective management outcomes
- Science working well with many parties

### Governance

- Geographic vs. taxonomic
  - o Better for integration
- Science – broader/cross boundary
  - o Can work with other LCCs as well
- Habitat basis
- Steering committee use existing partners/joint ventures emphasis
- Other group on Coast and So. Cal – T+E
- Anadromous fish
- NOAA fisheries should be bigger player
- Fish habitat partners
- Marine environment
- Sportsmen associations
- Land management agencies NRCS
- Deliverables in the next 2 years

### Science

- Ecologist
- Modeler
- Social scientist

## Group 5

### VISION

LCCs are self-directed, public-private partnerships for coordinating and communicating the linkage between science and planning actions to achieve landscape – scale conservation ~~and~~ ~~communicate~~ (too much mechanism) of natural resources in the face of global change

#### Landscape level conservation

1. large intact areas and their connectors
2. multi spatial and temporal scales and adaptation management
3. All ownerships, all lands
4. “Coordinating science” – needs refining
5. Need for improved coordination

#### Function:

- Framework provides opportunity to reach greater goals than individual organizations
- Many processes or issues aren't clear until you look at a larger scale – want to make sure we focus on those larger issues
- How do end spp. Issues fit into the LCC process?
  - o Recovery
  - o Offset increases in listing – get ahead of the need for more listings
- Communication
  - o How will the info get out to those on the ground
  - o Engagement beyond LCC group
- Multiple purposes for LCC
  - o Adaptation
  - o Not just policy, science, etc., but there's also messaging – the wildlands project is a good model
- Vision statements versus mission
  - o Vision = inspirational
  - o Mission = specific assignments
- Need to talk about not doing/repeating what other groups are already doing
- Need coordination with people (countries, etc) on the ground
- Process that is proactive in offsetting cultural and climate impacts on species, ecosystems

#### VISION (Final wording):

The CA LCC is the premier example of science-based collaboration among private and public conservation partners to conserve natural resources for current and future generations

[maintain healthy environment for people of California, protect land and water \$]

#### PROBLEM STATEMENT

Fish wildlife and plants and people facing challenges never before seen. The CA LCC is public=private partnership designed to create a collaborative p[rocess to provide protections they will need to survival in the future. Leverage resources, support science, bridge science -> management.

## Group 5 continued

- We could partition the LCC effort by watersheds  
Siskiyou Co. in 3 diff LCCs – how do we deal with that issue?

Issue of scale: Climate change data – downscaled to watershed scale

Last thoughts:

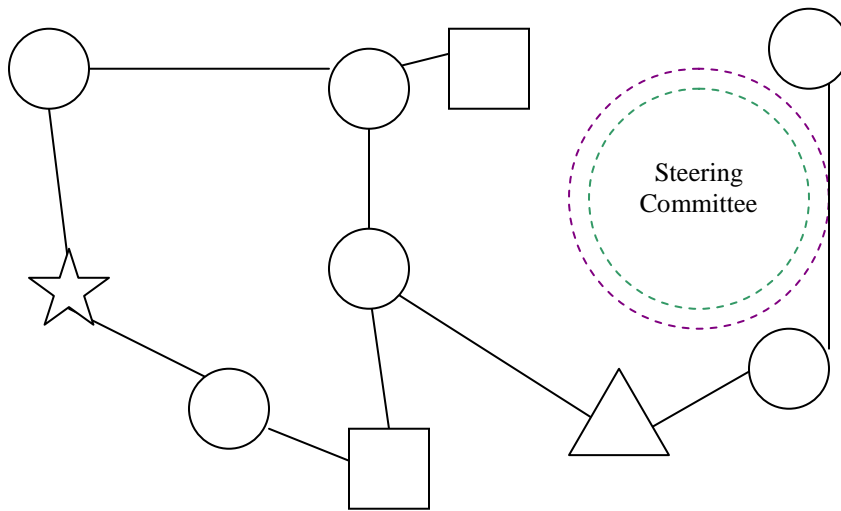
- Watersheds are appropriate units, but some are more complex (big or sm) than others
- Database of different partners on the ground
- Can't be everything to everyone – do a few things well
- Collection of data across the landscape, LCC rather than within individual organizations
- Watershed units makes sense for birds
- Evaluate. Monitor our current monitoring data collection – where are the gaps?
- Develop broad-based database of info that is accessible to all groups -> allow science to direct policy that is sensible in light of the science
- Bring scientist and resource managers together ~~to influence management on the ground~~ in a brainstorming and idea testing series of interactions
- Eco regions could be a suitable unit of partitioning
- TNC has paper on how to message conservation
- LCC – multiscale planning – help to connect science and planning across different scales

## Group 6

### Vision

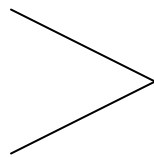
- Communicate... (education and public outreach)
- Coordinate
- Integrate
  - o Science information
  - o Planning and management information
- Landscape scale conservation
  - o Adaptive management framework

### Organization



### Essential Functions

- Value-added
- Augmentation
- Integration



“Local” and “ecosystem scale” activities

Utilize existing partnerships, agencies, resources for input and implementation

- Research and information needs/priorities aggregations
- Data management
- Integrated monitoring
- Bridging conservation plans/designs
- Landscape scale data and info synthesis
- Leverage/attract support \$\$



## Group 7

### Vision

- Needs to be value added to existing (JVs, other partnerships)
- Data/science needs to be complimentary
- Coordination among partners is key
- Improved efficiencies with data collection/dissem
- Includes planning component
- Includes monitoring component
- GAP analysis needs to occur
- Develop strategic planning products/tools

### Governance

- Efficient (take advantage of existing orgs)
- Keep as simple as possible
- Start small – can grow in future as needed
- Transparent and inclusive
- Members should have decision-making authority within their organization
- How to make decisions (consensus, voting, etc.)?
- Insure representation of all geography within LCC boundaries

### Defining Successes

#### 6 months

- Staff in place
- ID and fund initial science needs
- Initial governance structure

#### FY2011+

- Partners are more efficient due to LCC products
- Moving from opportunistic to strategic landscape conservation
- LCC and leveraging partners/other funds
- Remaining geography of CA LCC??

## Group 8

### LCC Vision (Essential Functions)

- Amplify good, existing efforts
- CC influence in priorities
- Leverage funding
- Opp to get set of research priorities + metrics
- Link to management
- Trends, systematic data collection, synthesis
- Data management, sharing
- ID data gaps
- Define uncertainty and decision making (quantify)
- Bring different data sets together and applications

## Group 9

### Vision

- Self directed...(coordinate) science, planning and (inform) management
- Need an “all taxa” approach
- Make products available to both public and private landowners and resource managers
- Provide venue for managers
- Improve capacity to conduct science

### Organization

- Transparent
- Educated steering committee
- Hire organizational consultant
- Program with real authority, leadership
- Program implementation is collaborative
- Effective communication internal to program (LCC)
- Interim steering committee composition needs to be described (diversity, skill, etc.) including geographical diversity

### Essential Functions

- Data (methods, models, etc...) clearinghouse (limits of capacity)
- ID information (research, mgmt, planning) needs and prioritize
- Facilitate communication among various partners and partner groups (and other LLCs) (both among managers and science entity)
- Public communications strategy
- Development program
- Facilitate interdisciplinary research collaboration

## Group 10

### Functions:

- ID gaps in conservation needs
- ID gaps in data/duplication
- Priority setting
  - o Economics
  - o fiscal
- {provide “connectivity”
- {provide communication network: data, vision, and needs can be shared} multi disciplinary and interdisciplinary
- Serve as a catalyst – sustainable for the communication
- Pooling resources \$
- Diversity in mission/perspective
- Efficiency: time and \$
- Pieces of the puzzle
- Glue what are the threats
- Regional integrated science
- Research -> decision making

### Needs:

- Archiving information, legacy data
- State of the art “strategic” (applied) science not “curiosity” science information management (basic)
- Long-term monitoring – starting point

### Function:

- Serve as a “network”
- ID legacy data
- Data gap analysis
- Sustained (institutional) partnerships – institutional vs. PI driven
- Stability
- Vision: sustained, stable partnership

1. Applied conservation/science partnership
  - a. Diverse partners
  - b. Vision: conservation (talk $\leftrightarrow$ common goals) science (connectivity)
  - c. Science  $\rightarrow$  gaps
  - d. Integration with

### Metrics for success

“focus”

Input to steering committee needs to be broad but not too large (category) board

## **Group 10 continued**

Connection (30,000 ft)

- Fish habitat
- Buy on

Conservation/natural resource management

- Planning protection/enhancements/rest management
- Threats at landscape level
- Unique – supplement existing

Define the niche translate/gap analysis/research