

CALIFORNIA ESSENTIAL HABITAT CONNECTIVITY PROJECT

Multidisciplinary Team
Meeting One

October 7, 2008



More input?

- kwinters@dangermond.com
 - kristeen@scwildlands.org
-

Project Goals



- Produce a statewide assessment of essential habitat connectivity to
 - Comply with Section 6001 of SAFETEA-LU
 - Incorporate natural resources considerations into transportation & land use planning efforts
 - Increase the efficiency and cost-effectiveness of transportation & land use planning
 - Help sustain California's unique natural heritage
 - Provide framework for detailed regional studies
-

Approach



Engage Multidisciplinary Team

- evaluate habitat connectivity and prioritization methods
- reach consensus

Team Meeting #1
Introduce Project & Approach

Develop Work Plan with Multidisciplinary Team

Statewide Connectivity Map

- Compare with existing Conservation Plans

Team Meeting #2
Criteria Development, Prioritization, and Consensus Building

18 Month Project
completion anticipated February 2010

Develop Strategic Plan

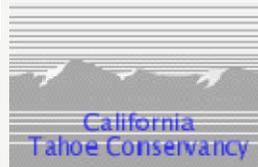
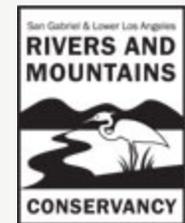
- guide future regional connectivity analysis, planning, and implementation

Team Meeting #3
Review Draft Maps/Strategic Plan

Prioritization Analysis

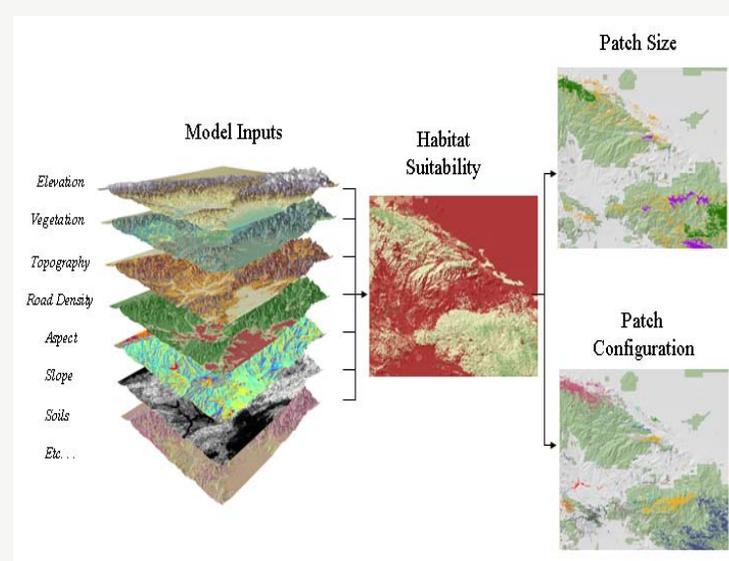
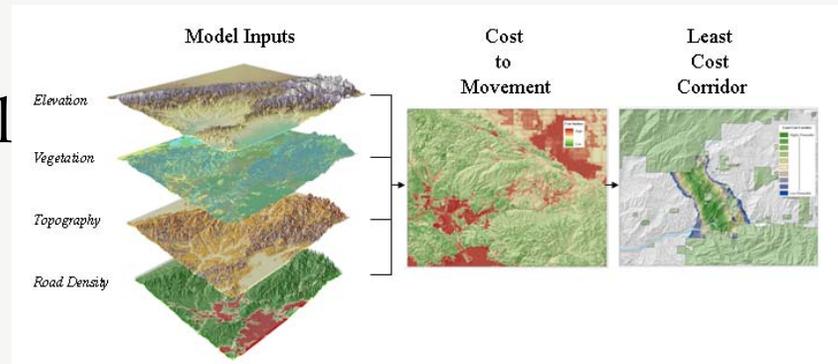
Team Meeting #4
Review Final Maps/Strategic Plan

Collaboration

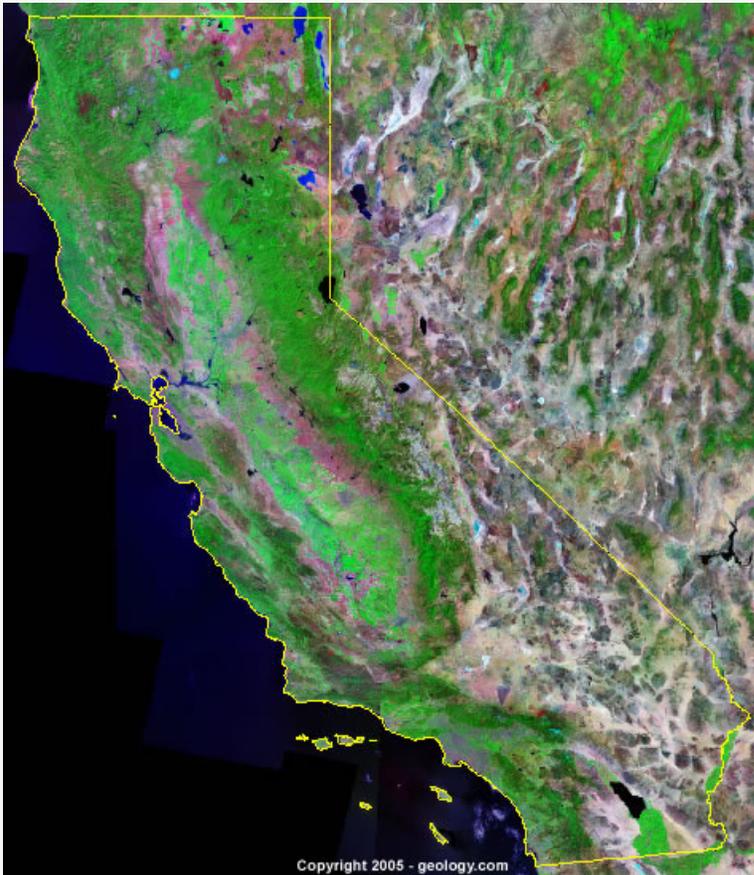


Technical Approach

- Reach consensus on analytical approach for statewide connectivity analysis & prioritization
- Develop transparent, scientifically-defensible, and repeatable procedure



Products



- Statewide Wildlife Habitat Connectivity Map & Model
- Prioritization of Connectivity Areas (likely multi-scalar)
- Strategic plan that will outline the steps necessary to complete regional connectivity analyses

Strategic Planning



Benefits

- **Safety**
 - **Reduce Wildlife-Vehicle Collisions**
 - **Improve Transportation System**
- **Ecological**
 - **Reduce wildlife mortality**
 - **Maintain and restore landscape connections for diverse species**
 - **Accommodate ecological shifts through climate change**
- **Planning**
 - **Truly integrate ecological considerations**
 - **Streamline Planning Process**
 - **Reduce costs of transportation projects**



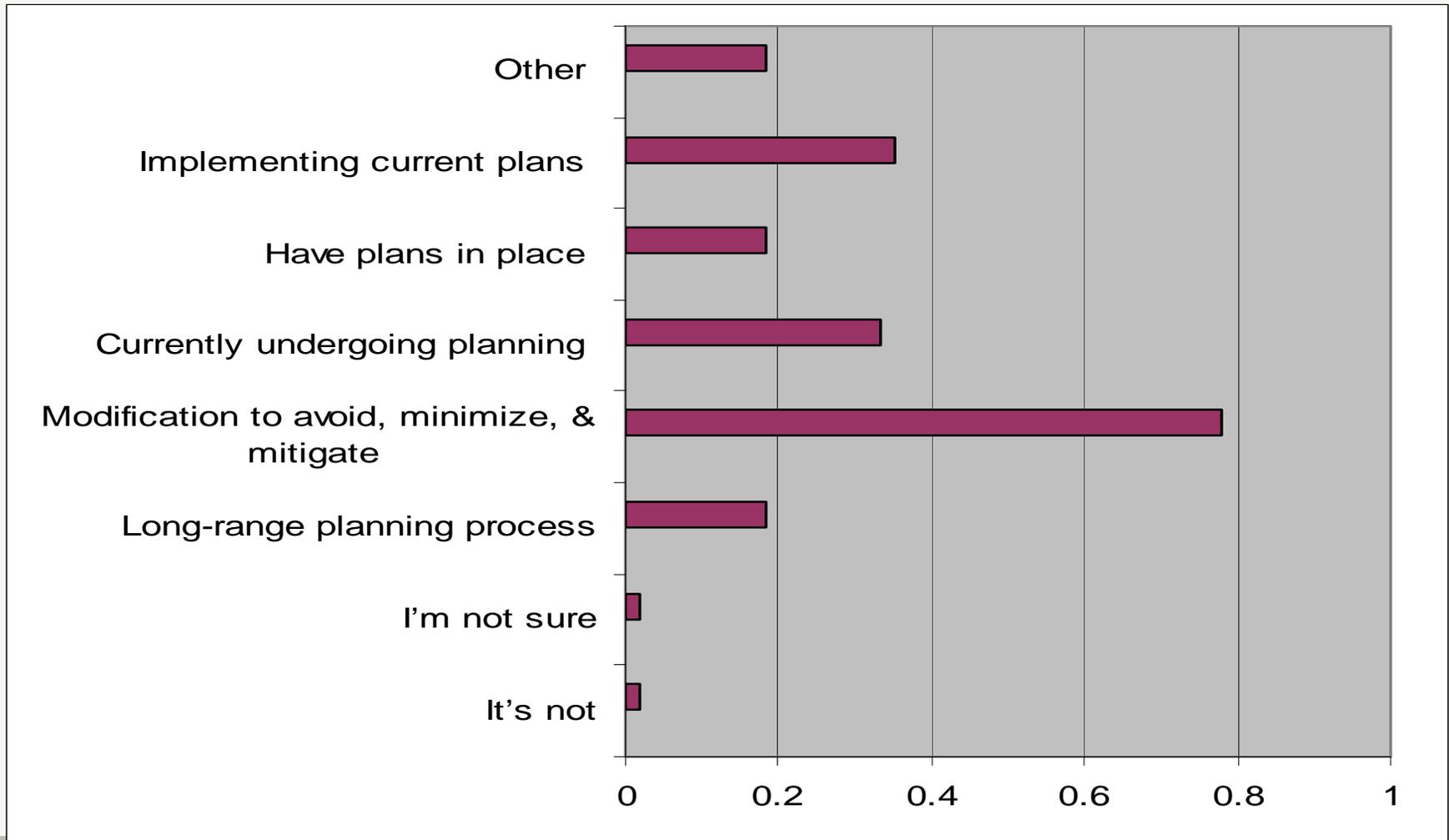
**Biological
Foundation**

**Conservation
Design**

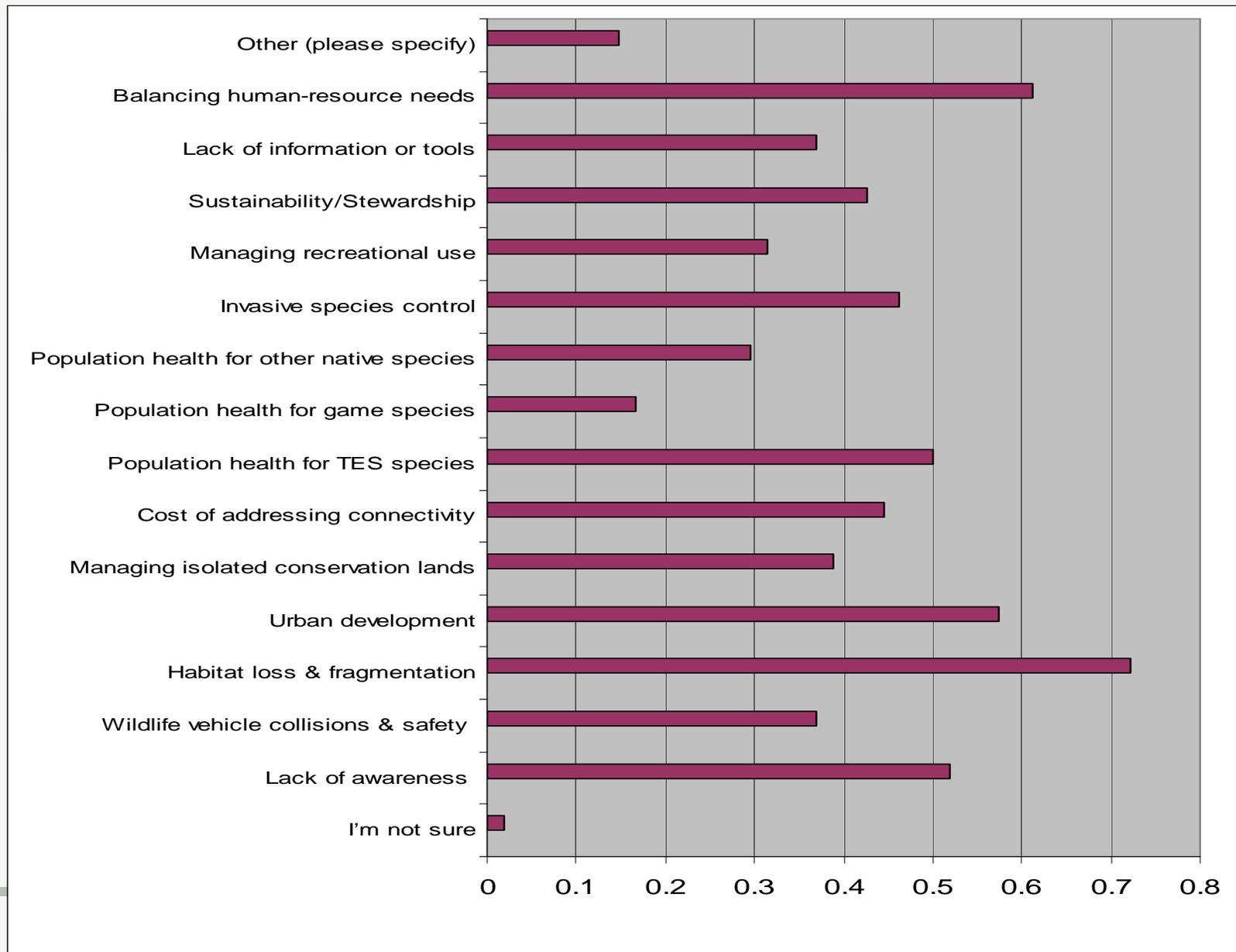
Interdisciplinary

**Conservation
Implementation**

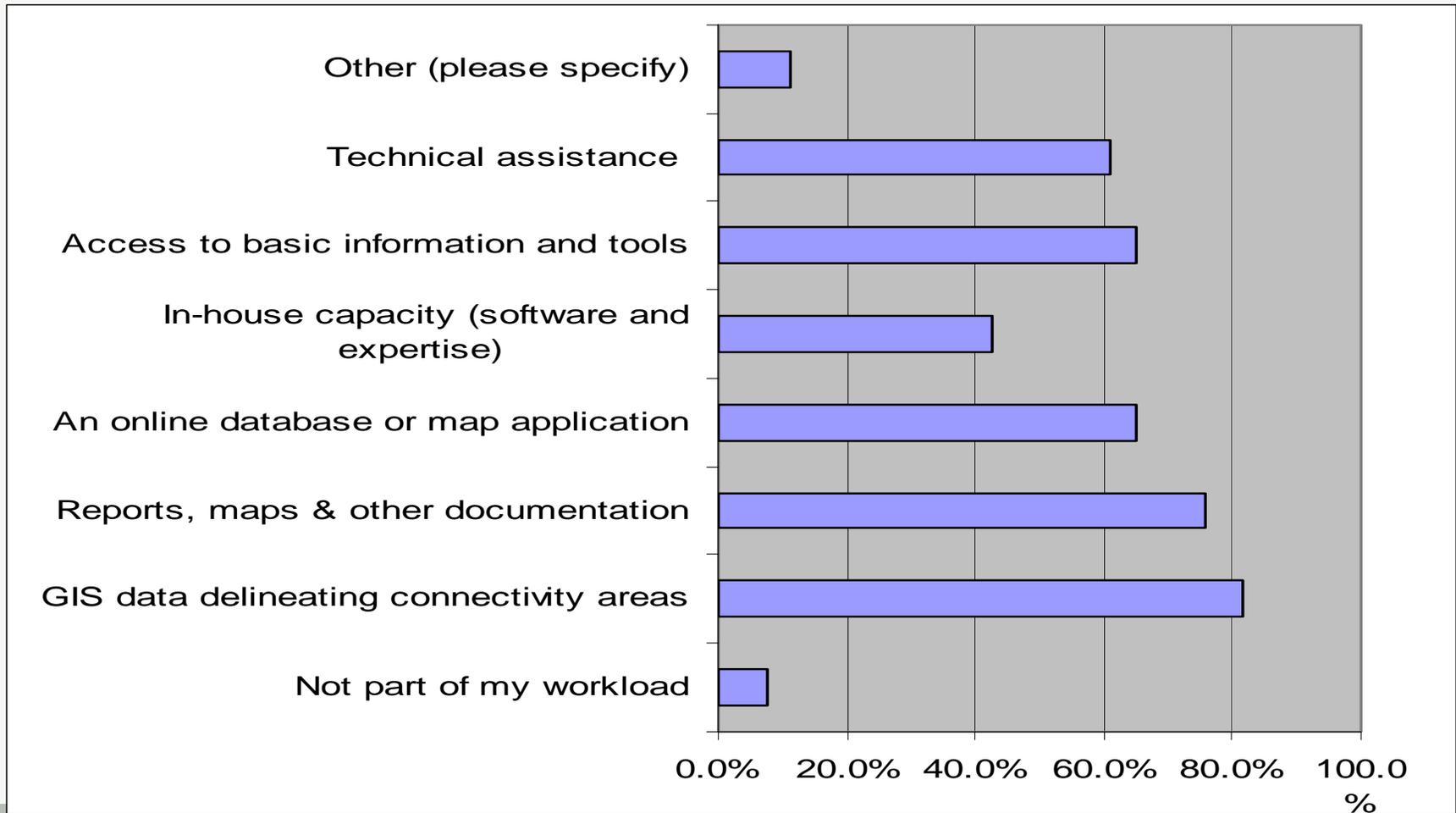
How is habitat loss and fragmentation currently addressed by your agency?



Biggest issues, obstacles or concerns



What types of tools do you need to evaluate wildlife movement and habitat connectivity more effectively?



Breakouts

- **How to make our products most useful**
 - **Divide into one of four groups:**
 1. **primarily acquire, own, or manage land**
 2. **primarily involved in land-use and infrastructure planning**
 3. **primarily involved in enforcing or applying natural resource regulations**
 4. **primarily involved in conservation science or conservation planning**
-

Next Steps

- Synthesize Survey & Mtg.

Results and follow up

- Coordinate Technical Meeting
 - Compile background materials for technical team members
 - Evaluate and present strategies
 - How you will be involved?
-

