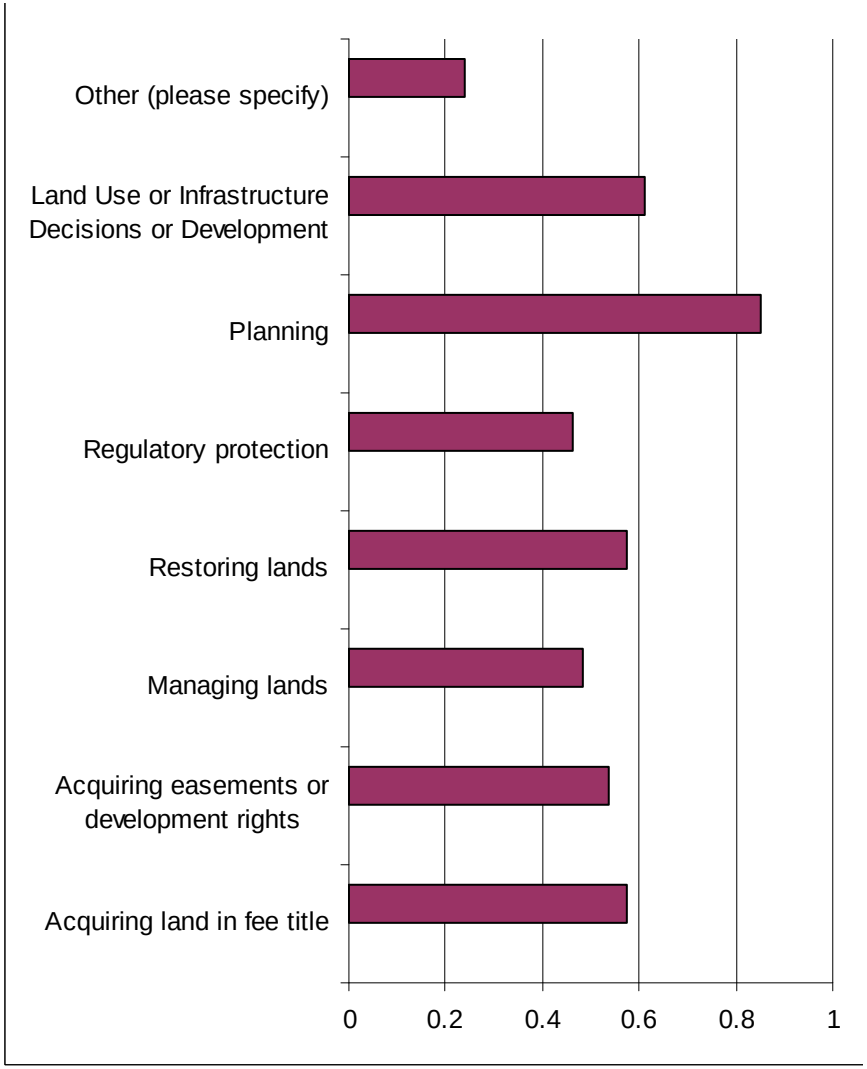
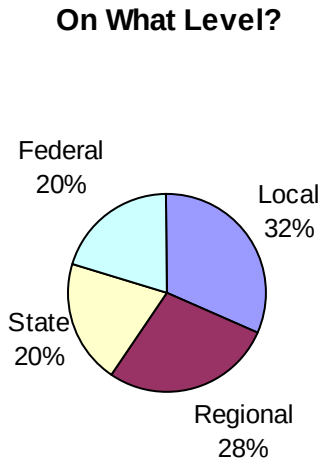
Types of Activities that would facilitate or protect wildlife movement & habitat connectivity

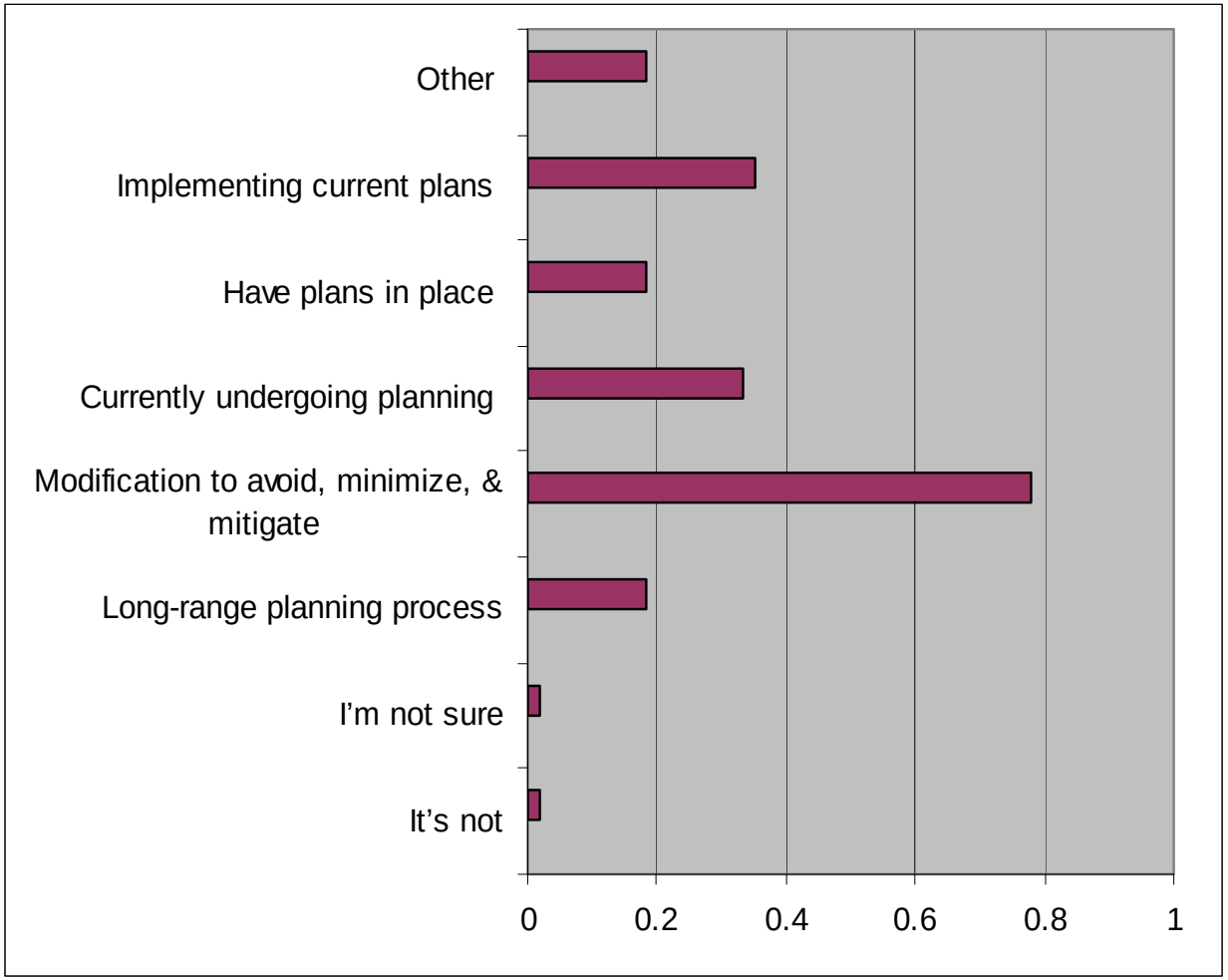




Other activities: advanced mitigation, coordination & outreach, scientific research, incorporating crossing structures, wildlife crossing signage, HCP, NCCP, and gadfly activities

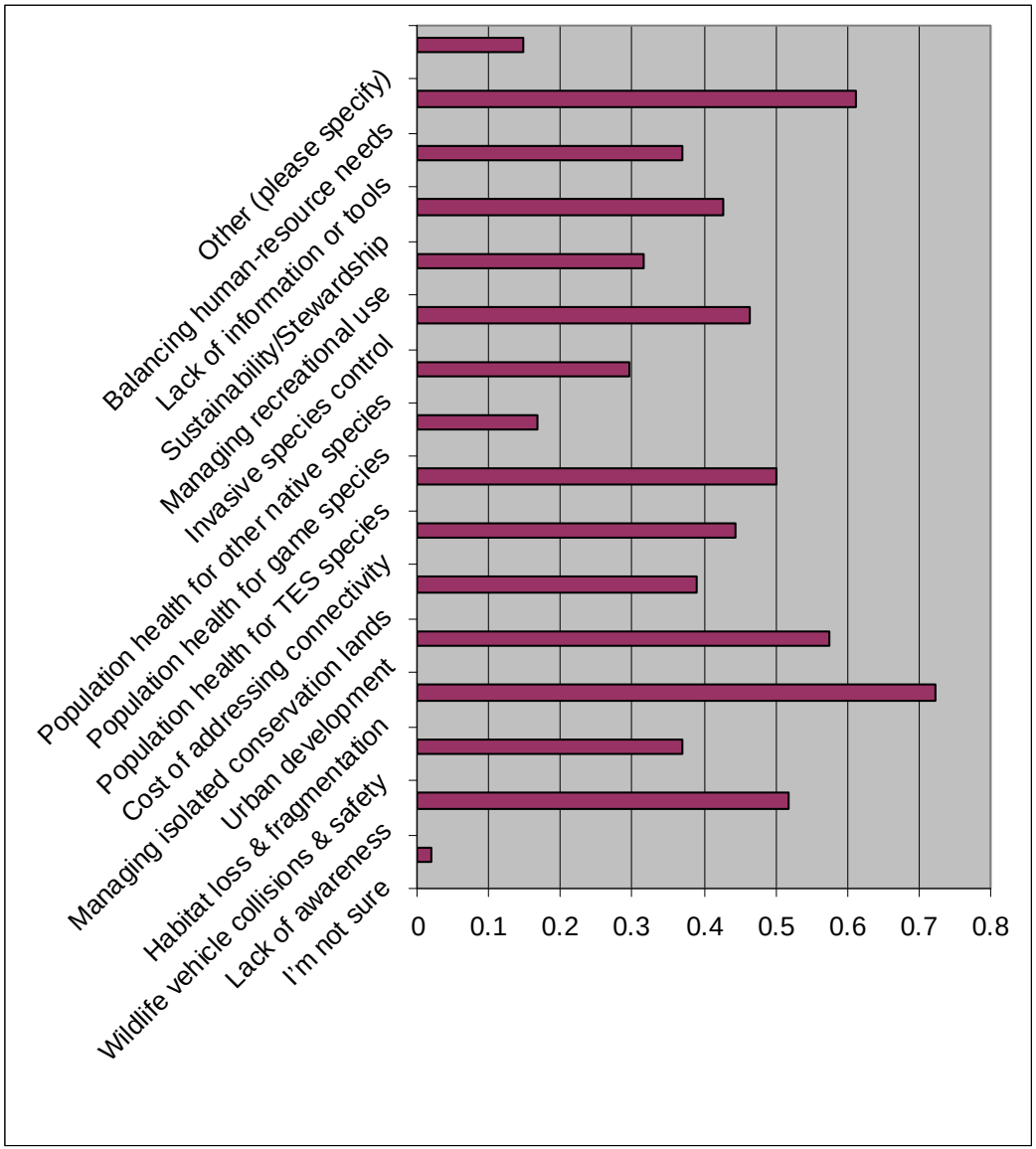
How is habitat loss and fragmentation currently addressed by your agency?

Details:
Watershed Plan
MSCP, HCP, Blue Print, MHPA
CEQA, NEPA, General Plans
Habitat Monitoring Program
Acquisition & Easements
Habitat Restoration
Cooperation w/ Conservation groups
Local sales tax measures
West coast wide cons planning
Land Protection Plan
USMC W. Regional planning to 2050
State Wildlife Action Plan
Recovery plans
Regional Transportation Plan
Resource Management Plans



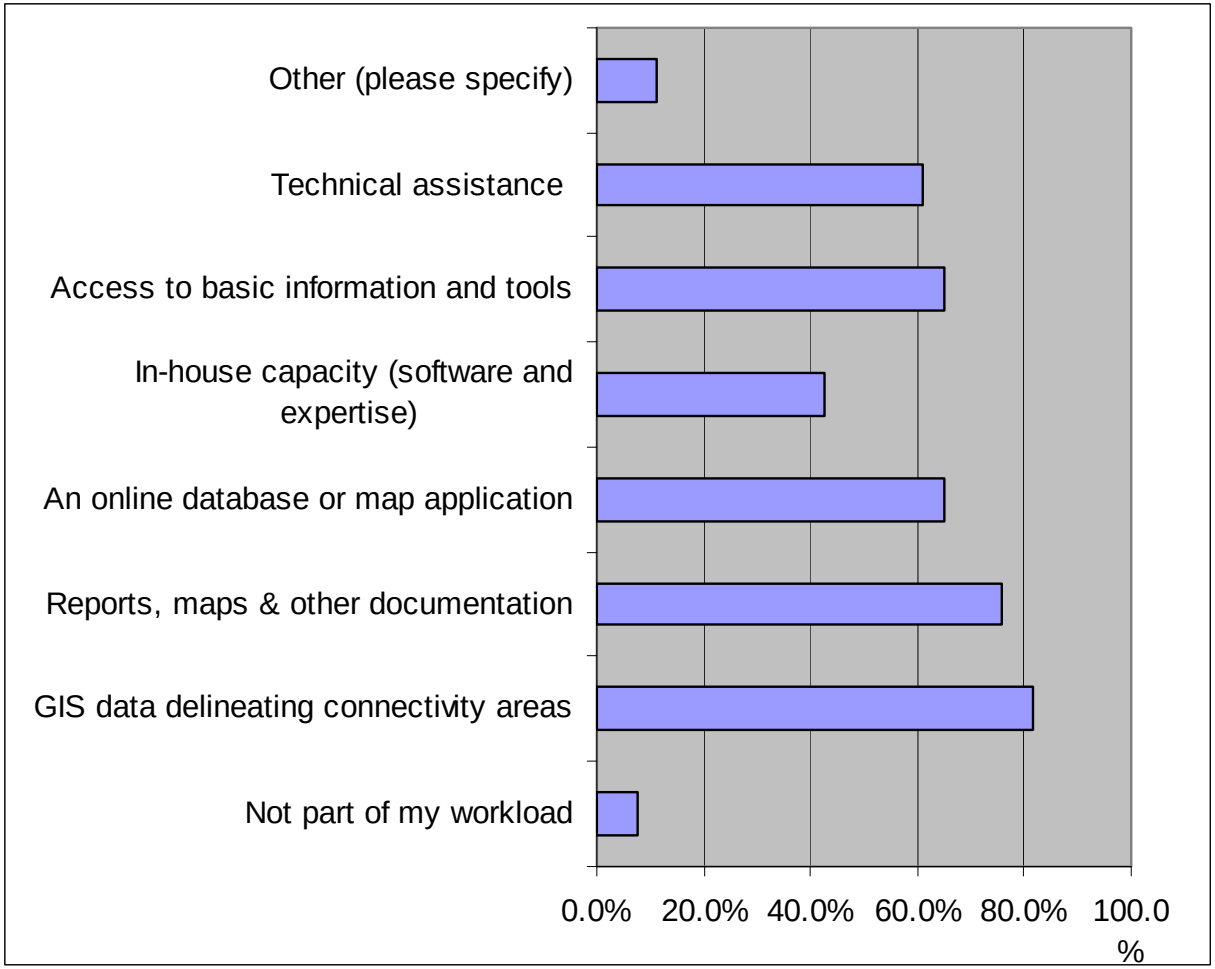
Biggest issues, obstacles for planning or concerns associated with wildlife movement or connectivity

Other:
Funding
Lack of biologists
Lack of acquisition planners
Threatened & Endangered species
Entity to manage/steward land
CEQA limitations
All kinds of development
Lack of concern about issue
Wildland-urban interface



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

Other:
Baseline surveys
Population Viability Analyses
Climate change
BMPs for review of projects
Crossing structure design
Funding, Funding, Funding
Earlier input
Implementation at local level
Effective communication



Statewide Connectivity Map: Desired Products or Features
3 General Categories

Compatibility with other statewide proposals, and online databases (e.g. CNDDB)
Web-based spatial data, downloadable GIS layers, metadata included
Interactive tool that can be modified as new information is gathered
Ability to map and print locally, Tutorial & guidance on modeling tools
Sufficient resolution to be useful in local and regional planning
Links to documents that provide scientific justification

Seasonal movement analysis and species range specific movement modeling
Info on species addressed and not addressed by model
Maps with species and habitat specific features of connectivity
Layers show multi-species/ broad habitat type connectivity and species-specific corridors for multiple focal species
Parcel-specific data based upon recent field surveys

Tie-in to existing or future regional analyses,
Future land use plans and development potentials;
Transportation infrastructure in relation to connectivity

Prioritization

Sound input information, and easy to explain rationale and outcome
Agreed upon criteria for decision making purposes
Flow diagram; how such criteria apply to different taxa
Criteria and weighting values and methods explained
Listed for Regional Use
scale, corridor width guidelines

TES species occurrences & 'core' areas or other areas identified in recovery plans
Species specific suitable habitat analyses and mapping
Integrating multiple species with ability to focus on species specific needs if necessary
Prioritize known movement needs of species

Private lands conservation taken into account with right to maintain w/out public access
Existing protected areas, including conservation easements
Key parcels or properties essential for connectivity and a ranking of their vulnerability.
Ensure priorities match conservation planning processes currently underway (e.g., NCCP)

Consider where state roads intersect corridors and what species it will affect
Ensure that connectivity issues are separated from highway kill issues in analysis

Consider costs associated with connectivity improvements

Strategic Plan

Transparent, realistic framework that compliments existing efforts (e.g., NCCP)
Step by step procedure for performing connectivity analysis.
Address how/when connectivity analysis performed and incorporated into planning.
GIS datasets, fine scale maps, documentation
Include a Conservation Action Planning (CAP) or similar methodology.
Consideration of all facility improvements on locally approved project lists
Include expectations for all level transportation infrastructure
Identify highest priority/study collection locations
key questions that further studies need to answer
Criteria for analysis in different ecosystems
Should ID focal species or criteria for selecting multiple species
Adaptable for local information and expertise
Guidance document with LOTS of photos and examples of how-to and how-not-to.

Include contacts for planning and implementation agencies
Suggestions or template for implementation of everyday work to improve connectivity
Implementation strategy funds, include grant ops, and rollout to local land use authorities
Buy in and adoption by state and regional agencies, including regulatory
Strategies for working with local lead agencies on General Plan revisions
Include timeline and costs