

# Natural Community and Covered Species Conservation Strategy Development

BDCP Steering Committee

January 21, 2010

# ► Conservation Strategy Components

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- Draft Natural Community Problem Statements, Goals, and Objectives (12/17/09 SC handouts)
- Draft Wildlife and Plant Species Problem Statements, Goals, and Objectives (12/17/09 SC handouts)
- Draft Conservation Measures (9/24/09 and 12/17/09 SC handouts)
- Approach to Conservation
- Monitoring and Adaptive Management

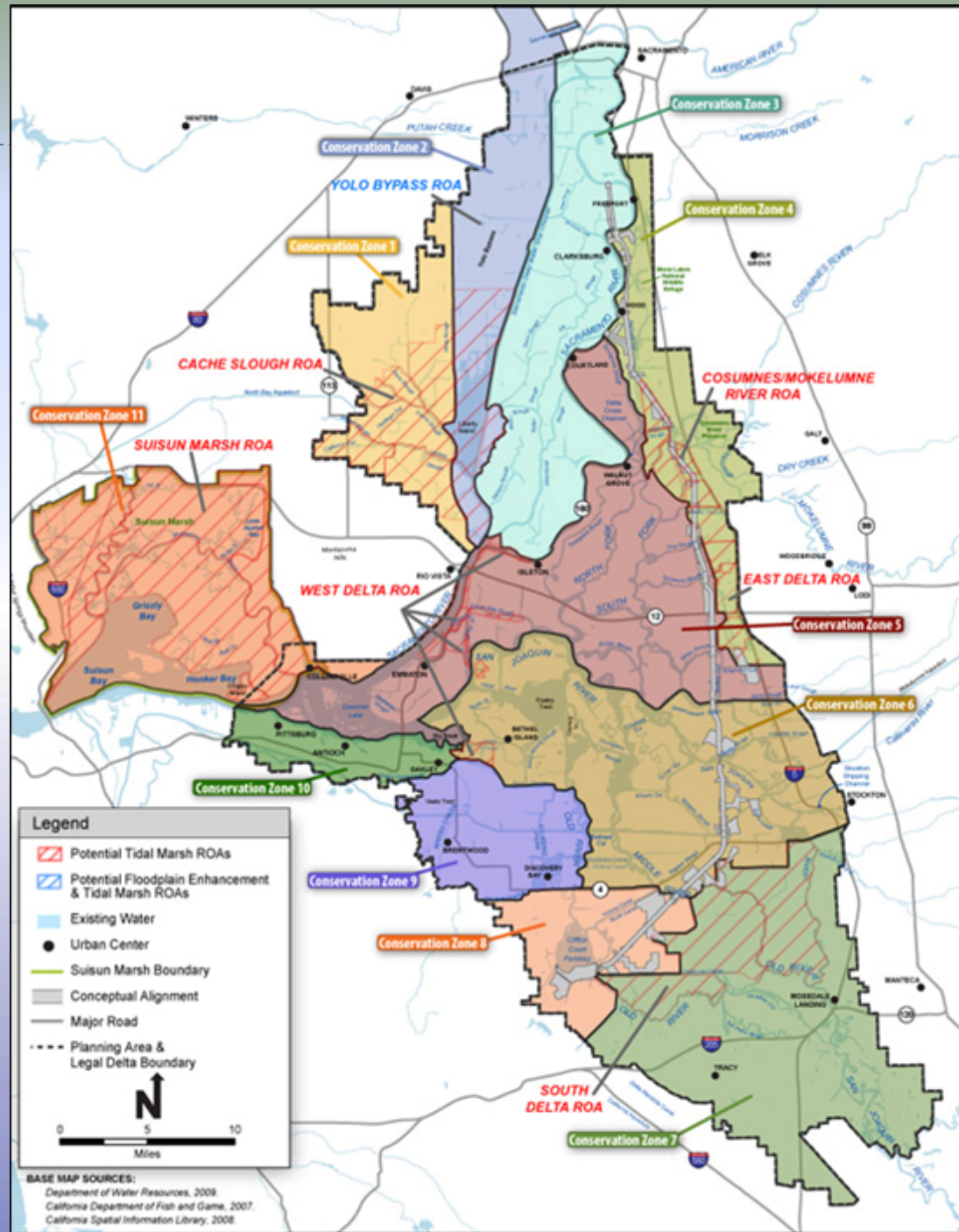
# ▶ Considerations for Conservation Measures

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- ▶ Total extent of preservation and restoration
- ▶ Minimum habitat patch size
- ▶ Configuration (shape, complexity)
- ▶ Geographic distribution
- ▶ Connectivity
- ▶ Coordination with surrounding plans

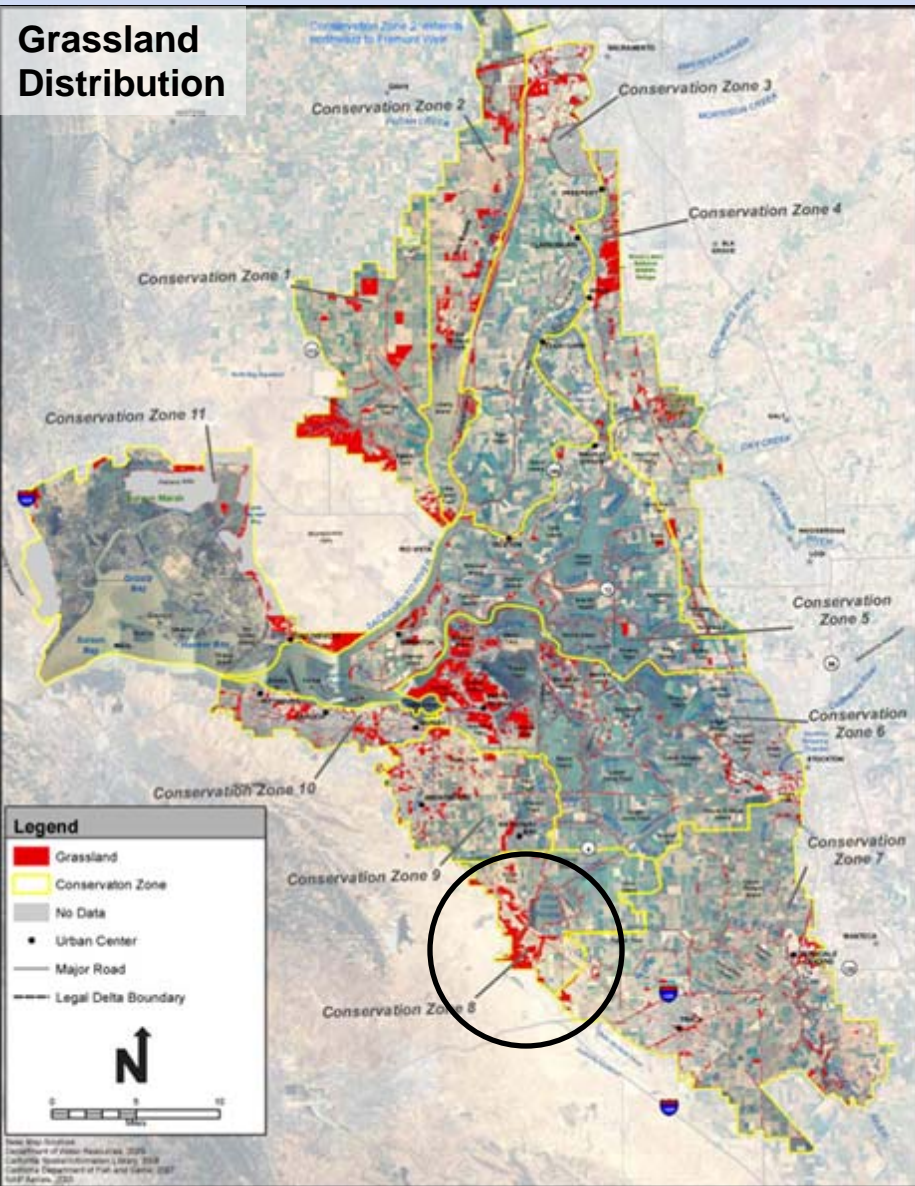
# Conservation Zones

- ▶ Establish conservation zones based on distribution of physical and biological conditions
- ▶ Use conservation zones to distribute preserved and restored communities to meet covered species objectives
- ▶ Natural community-based approach allows for achieving multiple habitat objectives on the same land base

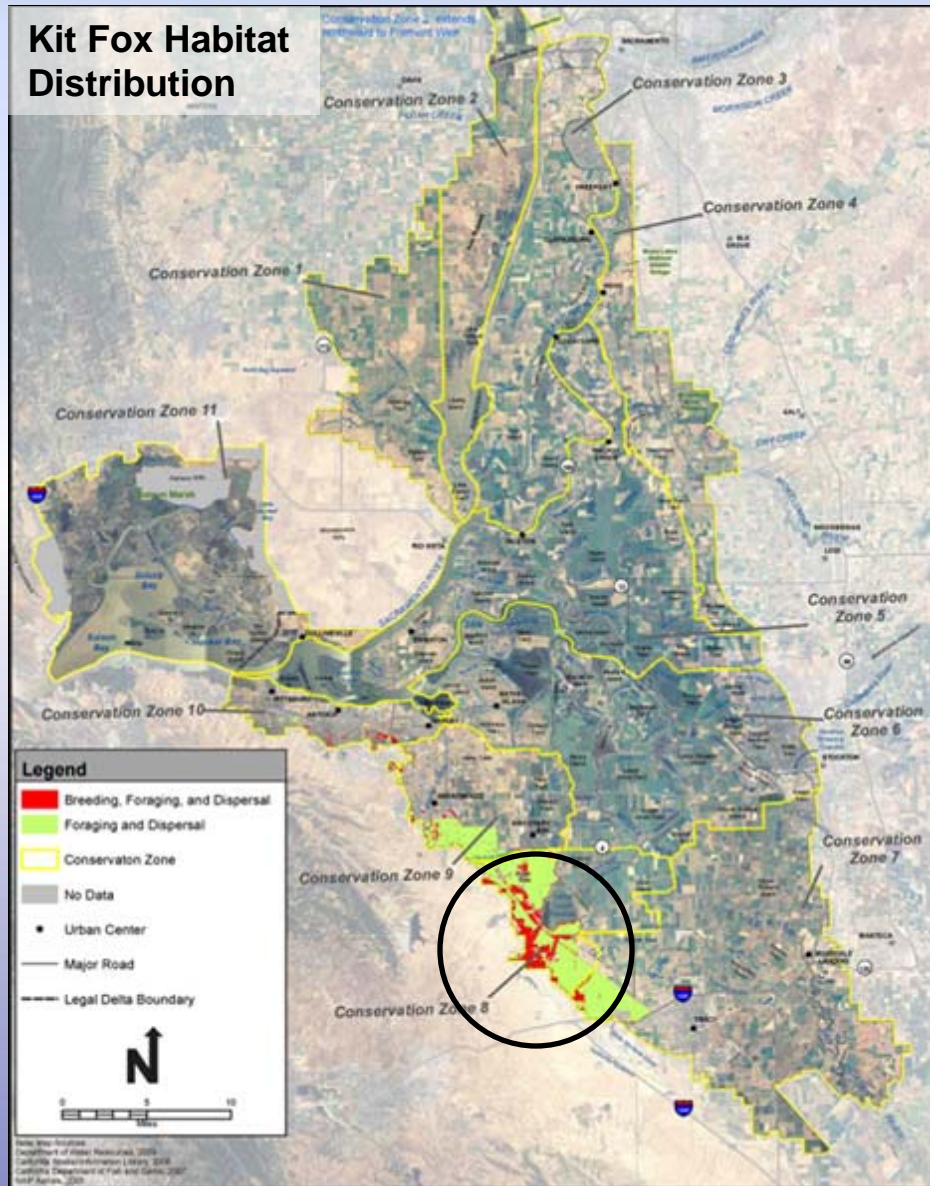


# Distribution Conserves Multiple Species Habitats

## Grassland Distribution



## Kit Fox Habitat Distribution

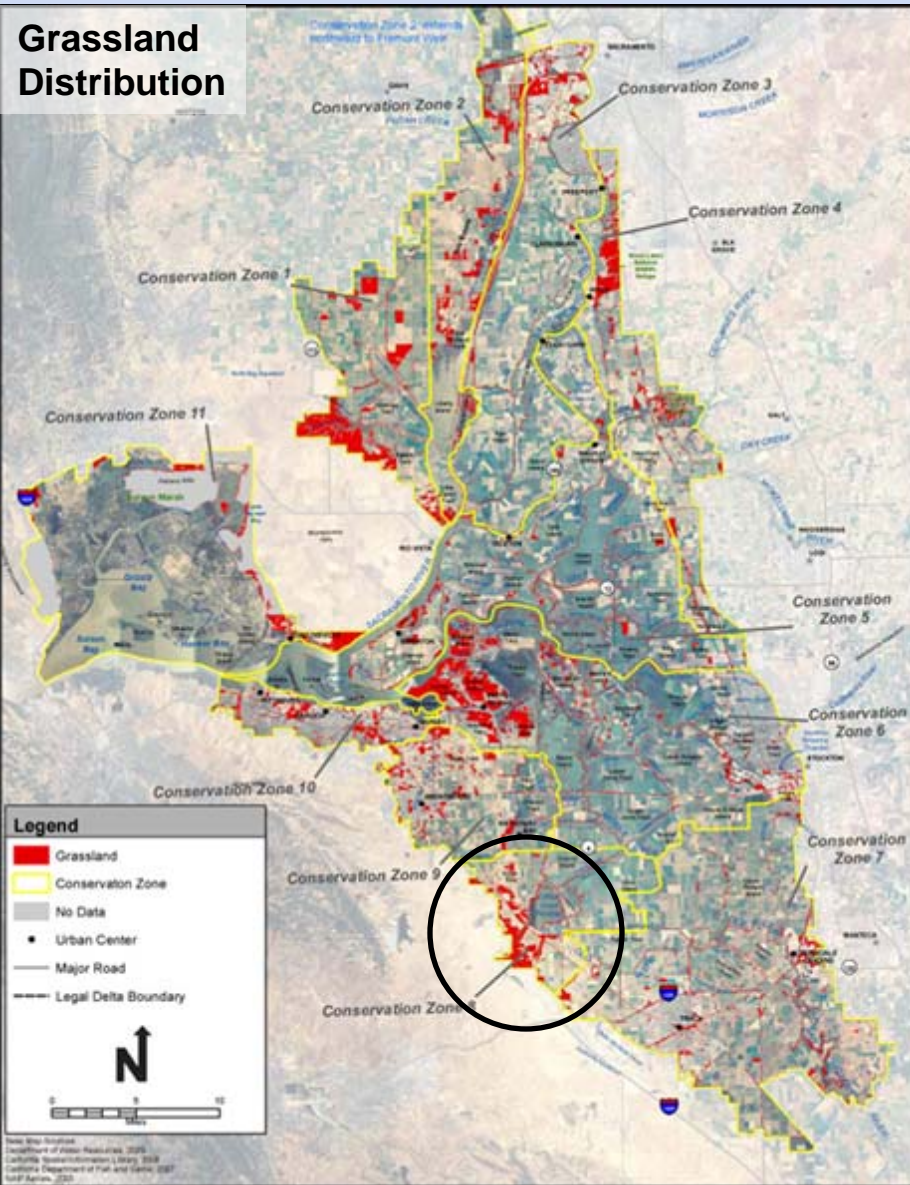


State Web Services  
 Department of Water Resources, 2019  
 California Statewide Information Library, 2019  
 California Department of Fish and Game, 2017  
 NCEM Admin, 2020

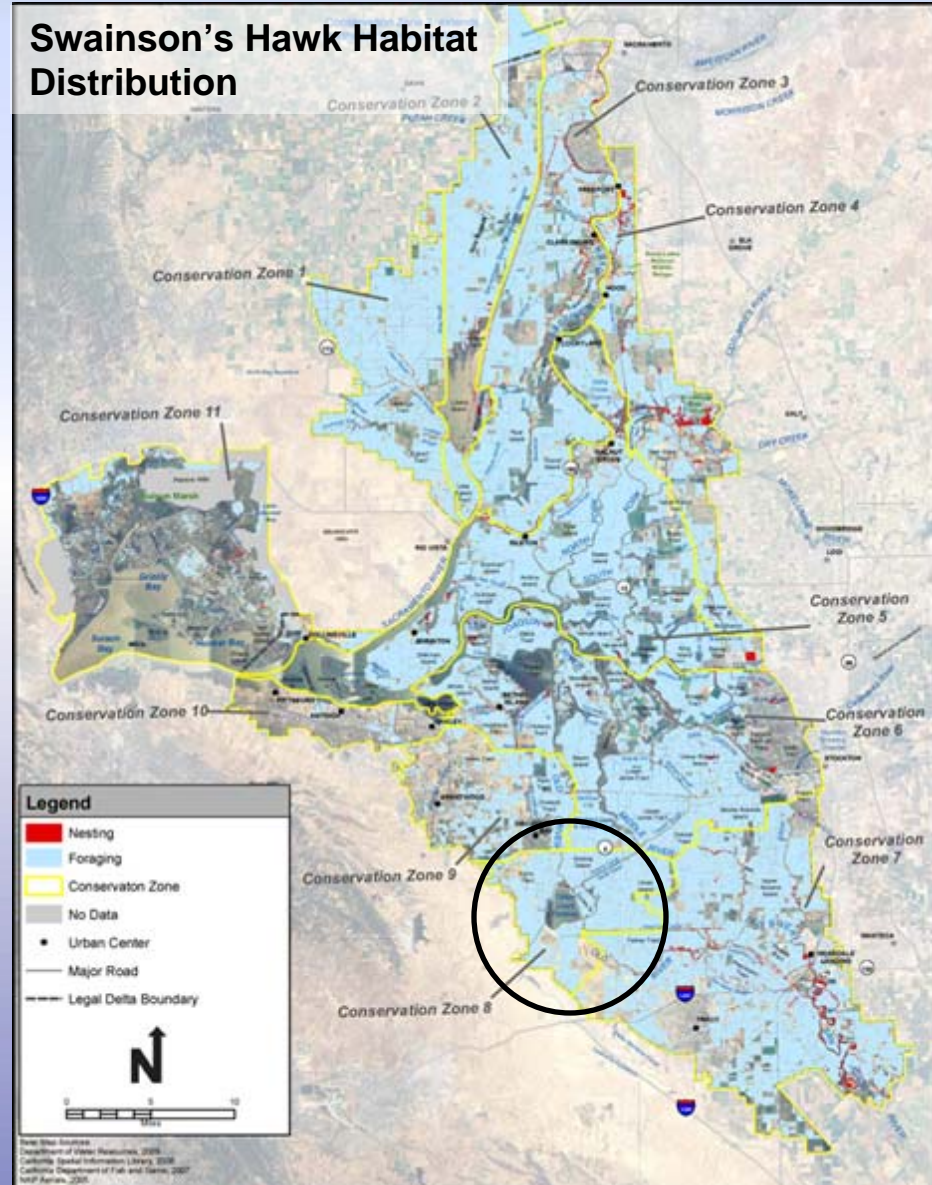
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 California Department of Fish and Game, 2017  
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# Distribution Conserves Multiple Species Habitats

**Grassland Distribution**



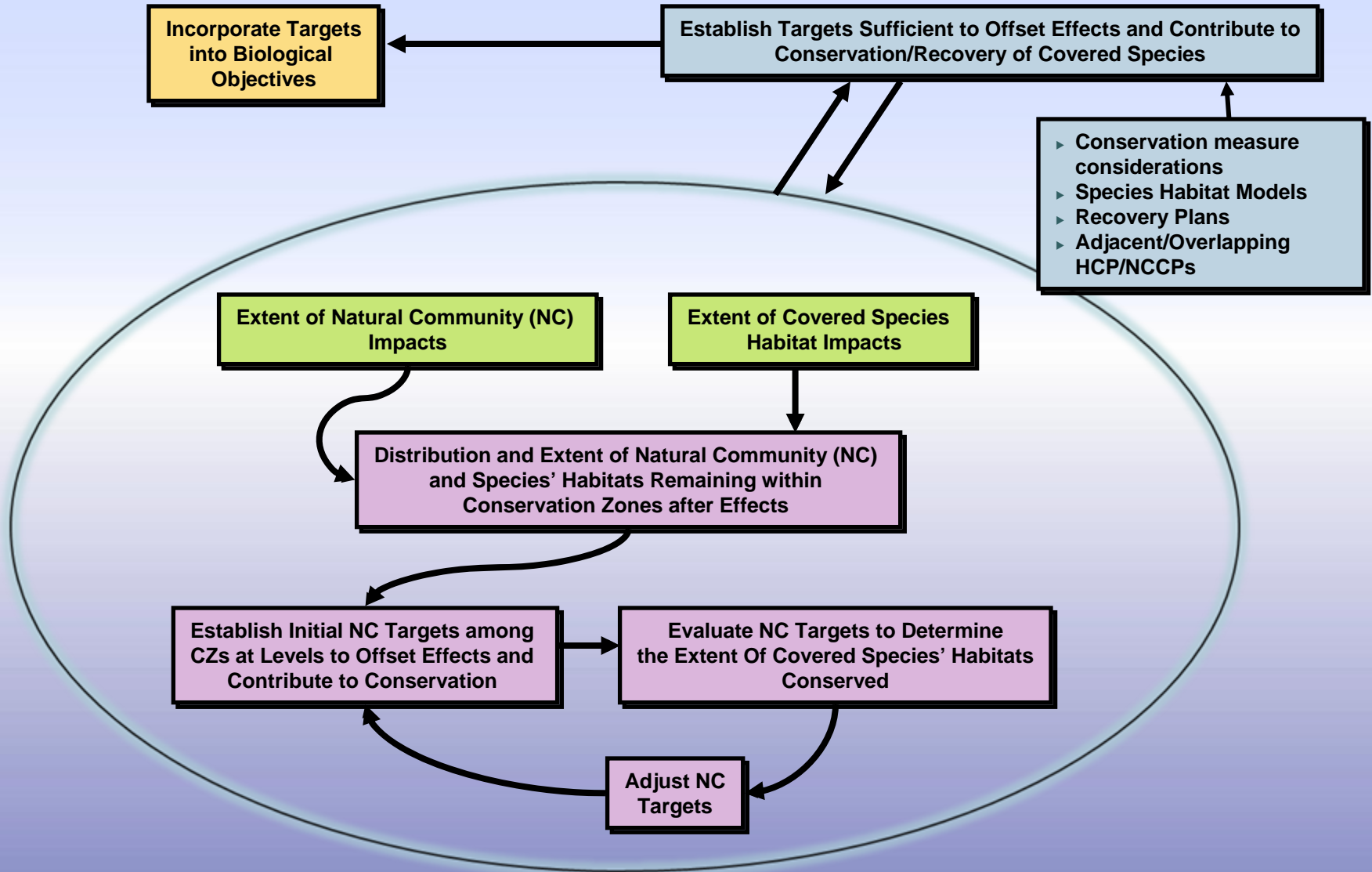
**Swainson's Hawk Habitat Distribution**



State Map Institute  
Department of Water Resources, 2005  
California Spatial Information Library, 2005  
California Department of Fish and Game, 2007  
MFP Bureau, 2005

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# ► Preservation and Restoration Acreage Target Setting Process



# ▶ Next Steps

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- ▶ Develop approach to conservation
- ▶ Refine goals and objectives
- ▶ Refine species conservation approaches and rationale (hypotheses)
- ▶ Refine conservation measures
- ▶ Develop monitoring metrics and adaptive management strategies
- ▶ Technical review
- ▶ February 25—SC decision

# Questions & Discussion