



**Habitat Conservation
Plans
Past and Future**

Habitat Conservation Planning

- Endangered Species Act - 1973
- HCPs, Incidental Take for Otherwise Lawful Activities - 1985
- Early HCPs - Single Species, Local



Regional Conservation Planning

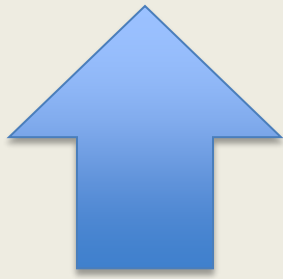
- Response to Economic Needs
- Multiple Species
- Natural Communities
- Ecosystem Processes
- NCCP Act - 1991



HCP – Mandatory Elements

- Results of the Taking
- Minimize, Mitigate – for Take
 - Monitor – The Conservation Strategy
- Funding Assurances
- Unforeseen and Changed Circumstances
- Alternatives to the Taking





Trends and Directions

- HCPs Address Applicant Needs
- Long Term Plans
- Biological Goals and Objectives
- Evolution of Changed and Unforeseen Circumstances
- Cross Region Coordination Planning
 - Landscape (Bioregion) Level Planning
 - Strategic Habitat Conservation

Longterm Plans = Longterm Issues

- Structure BGOs for changing environment
 - Not just physical environment
 - Methodologies change
 - Technologies change
- Maintaining Political Will
 - Local and National
 - Successful Plans Can Become Victims of Their Own Success
- Budget – Developer Fees = Dependence upon economic cycle

Biological Goals and Objectives

- Goal
 - Descriptions of Desired Future Conditions
 - Convey purpose, but do not define measurable units
- Objectives
 - **S**pecific
 - **M**easurable
 - **A**chievable
 - **R**esults-oriented
 - **T**ime-fixed



Changed and Unforseen Circumstances

- Sets Meets and Bounds on Obligations
- Tied to No Surprises Assurances
- Evolving Practice
 - Climate Change
 - Fire
 - Invasive Species



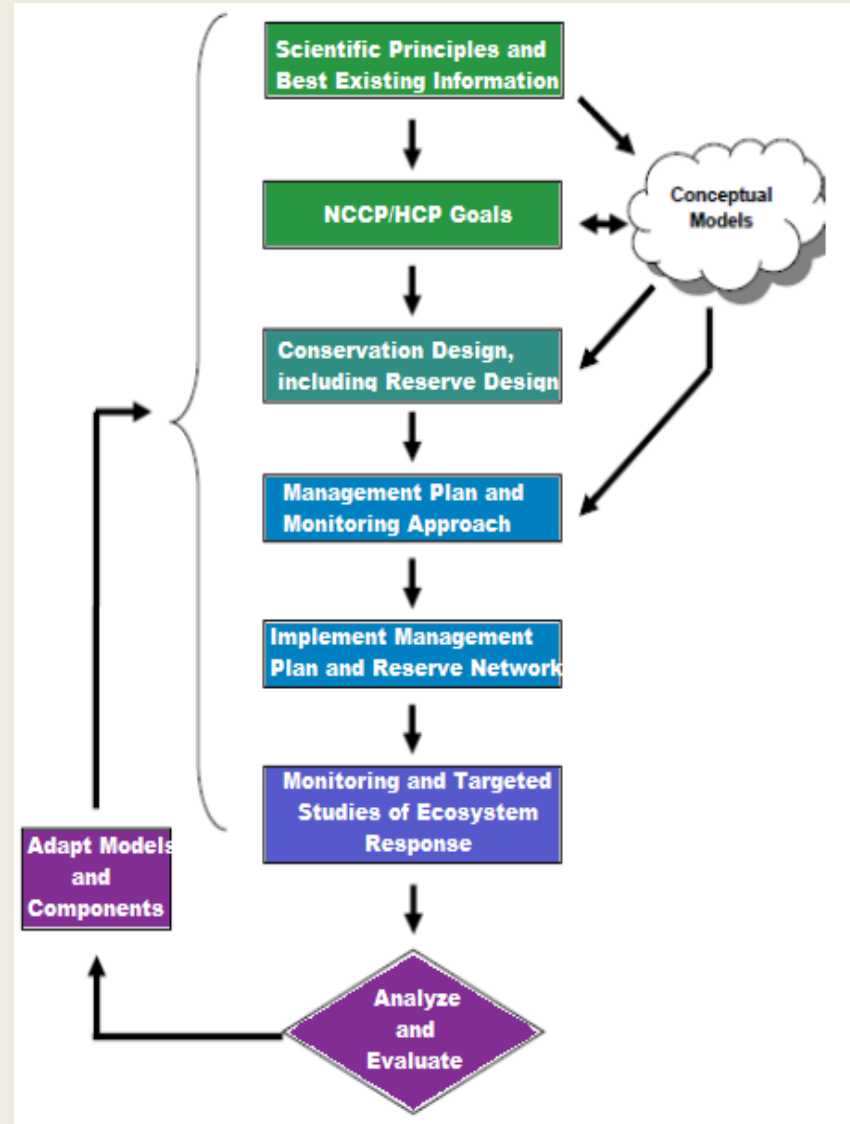
Strategic Conservation Planning



- Ecologically Meaningful Scale
- Partnerships
- Adaptive Management Framework
- Science

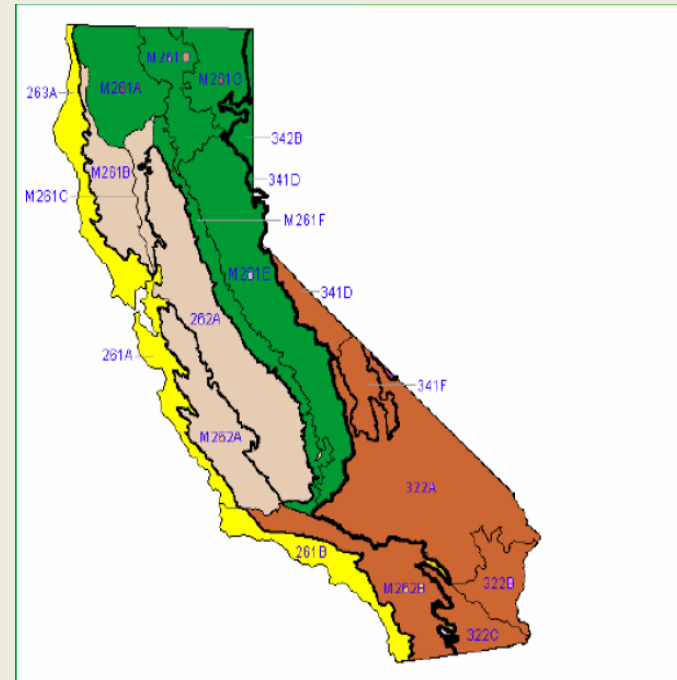
SHC Why and How

- Consistent
- Transparent
- Accountable
- Collaborative



The Future of HCP

- **Cross boundary –Ecoregion Partnerships**
 - Gnatcatcher
 - Cactus Wren
 - Rare Plants
- **Constituency**
 - Conservation Community
 - California HCP Coalition
 - National HCP Coalition



Questions?



Karin Cleary-Rose

Palm Springs Fish and Wildlife Office

760 322 2070 ext. (206)

karin_cleary-rose@fws.gov