Announcements

1. Papers due in two weeks
2. Presentations in three weeks
3. Final in four weeks

Federal Land Management Agencies

1. National Park Service
2. Fish and Wildlife Service
3. Bureau of Land Management
4. National Forest Service

Federal Land Use Designations

Bureau of Land Management
National Parks
http://home.nps.gov/applications/parksearch/state.cfm?st=ca
National Forests
http://www.fs.fed.us/r5/
National Wildlife Refuge System
http://www.fws.gov/refuges/refugeLocatorMaps/california.html
National Wilderness Preservation System
http://www.wilderness.net/index.cfm?fuse=NWPS&sec=stateView&state=CA

Public Lands Managed by the Bureau of Land Management (BLM)
The Wilderness Act of 1964

1. Defined four characteristics of wilderness:
   - No noticeable human impact on the land
   - The area offers solitude or primitive recreation
   - Consists of at least 5,000 acres
   - The area has ecological, geological, or other value (optional)

The Antiquities Act of 1906

Allows a president to create a National Monument to protect landmarks and structures and “other objects of historic or scientific interest”

The Sixth Great Extinction

1. There were formerly 5 great extinctions in the history of life on this planet:
   - We are currently moving toward the sixth great extinction

2. The difference is that the prior 5 extinctions were caused by forces of nature, this extinction is caused by one species

3. The three major causes of this human-caused extinction are:
   - Loss of habitat
   - Introduction of non-native species
   - Direct exploitation

Endangered Species Act

1. Congress passed the Endangered Species Act in 1973 in order to:
   - Provide a means to preserve ecosystems in which endangered species survive
   - Provide a program to preserve such species
   - Enter into appropriate treaties for species protection on an

ESA

1. The Secretary of the Interior and the Secretary of Commerce are required to list species of animals and plants that are threatened or endangered:
   - The Fish and Wildlife Service and the National Marine Fisheries provide these recommendations
   - Today, 1,358 species were listed as threatened or endangered (as of last week)
   - Once listed, a species cannot be “taken”