

ERMA SENSITIVE RESOURCE LAYERS	WEBSITE	CONTACT NAME/NUMBER
FEDERAL NATURAL RESOURCES		
<u>Federally Designated Critical Habitat (ESA)</u>		
BLM: CA Coastal National Monument	http://www.blm.gov/ca/st/en/prog/blm_special_areas/nm/ccnm.html	Bill Standly, CCNM Manager/831-383-9805
		James Weigand, Ecologist / 916-716-4809
NOAA:	http://www.nmfs.noaa.gov/pr/species/criticalhabitat.htm	Joesph Dillon (NOAA) / 707-575-6093
Black Abalone Critical Habitat		
Chinook - CA Coast, Central Valley Spring Run		
Steelhead - CA Central Valley, Central CA Coast, Northern CA, South Central CA Coast, Southern CA		
Eulachon		
Leatherback Sea Turtle		
Sturgeon - Southern DPS Green Sturgeon, Green Sturgeon Streams		
NOAA - Essential Fish Habitat (EFH)	http://www.westcoast.fisheries.noaa.gov/habitat/fish_habitat/efh_consultations_go.html	Joesph Dillon (NOAA) / 707-575-6093
Groundfish EFH - Detail		
Groundfish EFH 2005		
Habitat Area of Particular Concern		
NOAA - National Marine Sanctuaries & Other Coastal Resources	http://sanctuaries.noaa.gov/	
Channel Islands NMS Marine Protected Areas	http://channelislands.noaa.gov/	
Cordell Bank NMS		
Greater Farallones NMS	http://farallones.noaa.gov/	Maria Brown (NOAA)/ 415-561-6622
Monterey Bay NMS	http://montereybay.noaa.gov/	Paul Michel (NOAA) / 8310-647-4201

Sea Bird Surveys - Spring, Summer, Fall, Winter (1975- 2008)		
<u>Additional NOAA layers</u>		
Steelhead - Cal Central Valley, Central Cal Coast Distribution, Northern Cal, South Central Cal Coast, Southern Cal Distribution, Summer Range, Winter Range		Joesph Dillon (NOAA) / 707-575-6093
Chinook - Cal Coast Distribution, Central Valley Spring Run Distribution		Joesph Dillon (NOAA) / 707-575-6093
Coho - Coho Distribution, Coho Salmon Range		Joesph Dillon (NOAA) / 707-575-6093
Antipatharia Cover - Black Coral		
Eelgrass Bed Extents - Santa Barbara Co. and Channel Islands		
National Estuarine Research Reserves		
Pinniped Rookeries and Haulouts		
Steller Sea Lion		
USFWS	http://www.fws.gov/endangered/what-we-do/critical-habitats.html	Damian Higgins(USFWS) / 916- 414-6548
Tidewater Goby		
Western Snowy Plover		
<u>NOAA - Environmental Sensitivity Index (ESI)</u>	http://response.restoration.noaa.gov/esi	Jordan Stout (NOAA) / 510-437-5344
for Northern California, San Francisco, Central, and Southern California:		
Anadromous Fish Streams		
Bird Habitat		
Bird Nest		
ESI Index		
Fish Habitat		

Hydrologic Classification		
Invertebrate Habitat		
Management Areas		
Marine Mammal Habitat		
Reptile Habitat		
Shoreline Classification		
Vegetated Habitat		
Northern California (NOAA 2008) ESI additional layers:		
Terrestrial Mammal Habitat		
San Francisco (NOAA 1998) ESI additional layers:		
Terrestrial Mammals		
Central Cal (NOAA 2006) ESI additional layers:		
Alerts, Central CA		
Southern Cal (NOAA 2010) ESI additional layers:		
Bird Habitat- California Least Tern		
Bird Habitat- Light- Footed Clapper Rail		
Bird Habitat- Western Snowy Plover		
Wetlands- Southern California		
STATE - CALIFORNIA NATURAL RESOURCES		
<u>Land Use & Land Cover</u>		
Bay Area Protected Lands		
California State Parks	http://www.parks.ca.gov/ParkIndex/	Dave Matthews (CSP) / 707-769-5652
California Fish & Wildlife Owned and Operated Lands		
CA Lakes		
CA Streams		
<u>Managed Areas</u>		
California State Game Refuges	http://www.dfg.ca.gov/wildlife/gamerefuges/	
California State Marine Life Refuges		

California Marine Protected Areas (MPAs)	http://www.dfg.ca.gov/marine/mpa/mpa_summary.asp	Becky Ota (CDFW) / (650) 631-6789
<u>Sea Otter Distribution (Spring 2012 Census)</u>		
Sea Otter - Linear Density		
CALIFORNIA ECONOMIC RESOURCES		
ACP Economic Sensitive Sites		
California Aquaculture Lease Locations	https://www.wildlife.ca.gov/aquaculture	
Coastal Marinas of California		
NOAA - Environmental Sensitivity Index: Human- Use Sites		