



SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

- Index of Shoreline Types**
1. Exposed rocky headlands and exposed seawalls.
 2. Wave-cut platforms with or without thin sediment cover.
 3. Fine grained sand beaches.
 4. Exposed medium to coarse grained sand beaches.
 5. Sheltered sand beaches.
 - 5a. Mixed sand, gravel, cobble and boulder beaches.
 6. Exposed gravel-boulder beaches and exposed riprap structures.
 8. Sheltered gravel-boulder beaches and sheltered riprap structures.
 9. Sheltered tidal flats.
 10. Marshland.
 - Manmade sheltered inner-harbor structures.
- Biological Features**
- | | |
|--------------------|---------------------|
| ● Marine Mammals | ● Fishes |
| ● Sea otter | ● Anadromous salmon |
| ● Seals, Sea Lions | ● Beach spawners |
| ● Birds | ● Invertebrates |
| ● Wading birds | ● Clams |
| ● Diving birds | ● Abalone |
| ● Shore birds | ● Reptiles |
| ● Waterfowl | ● Turtles |
| ● Alcids | ● Kelp |
| ● Gulls and terns | ● Eel Grass |
- KEY TO WILDLIFE MARKERS**
- Color Coded = Types of Organisms (e.g. yellow for mammals)
Symbol = Ecological Type (e.g. fish)
Range
Point Locality
Red Border = Endangered Species
Number = Species (from regional lists)
- Socioeconomic Features**
- ▲ Parks and beaches
 - ▲ Marinas
 - ▲ Mariculture operations
 - ▲ Reserves, preserves, refuges and ecological areas.
 - ▲ ASBS Areas of Special Biological Significance
- Spill Response Information**
- Boom placements
 - Closures
 - Skimmers
 - Washover locations

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1947 Field check 1951
Selected hydrographic data compiled from USC&GS Chart 5007
This information is not intended for navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 5
1000-meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue
Red tint indicates areas in which
only landmark buildings are shown
Data shown in purple compiled from aerial photographs
taken 1967. This information not field checked
Purple tint indicates extension of urban areas

