



UNITED STATES — WEST COAST
CALIFORNIA

SANTA CATALINA ISLAND

WATERS WITHIN SIX MILES OF SHORE
DESIGNATED AS NATIONAL MARINE SANCTUARY

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: Sea otter, Seals, Sea lions
 - Birds: Wading birds, Diving birds, Shore birds, Waterfowl, Alcid, Gulls and terns
 - Fishes: Anadromous salmon, Beach spawners, Invertebrates: Clams, Abalone, Reptiles: Turtles, Eel Grass



- Socioeconomic Features**
- Parks and beaches
 - Mariculture operations
 - Reserves, preserves, refuges and ecological areas.
 - ASBS Areas of Special Biological Significance

- Spill Response Information**
- Boom placements
 - Closures
 - Skimmers
 - Washover locations



ESI MAP
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