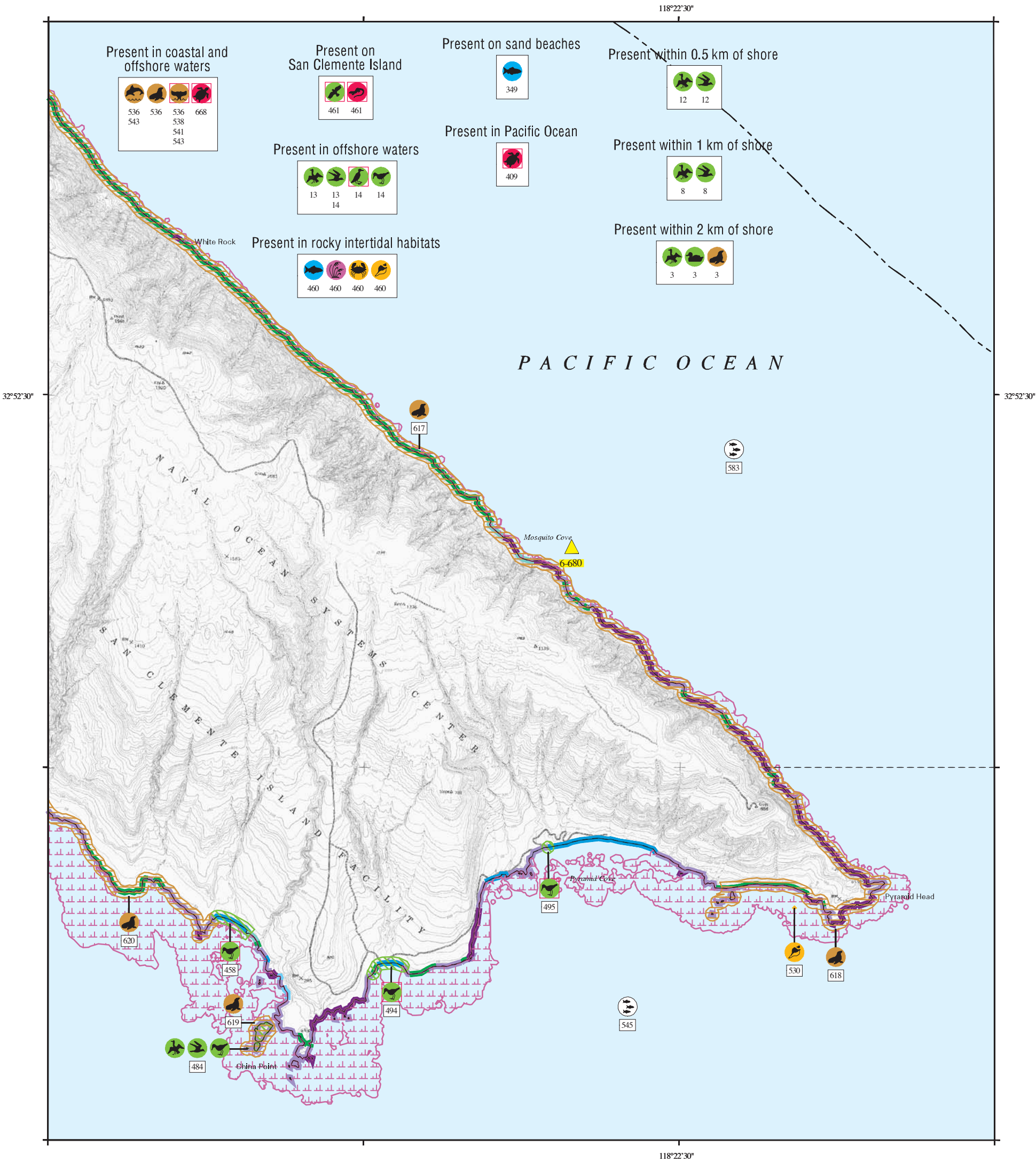
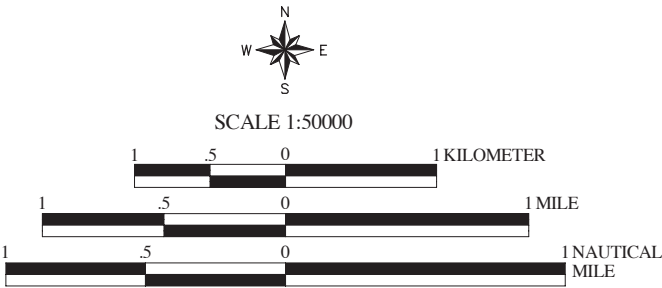


ENVIRONMENTAL SENSITIVITY INDEX MAP



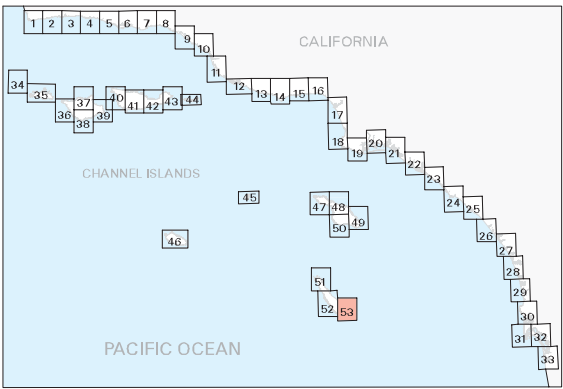
SHORELINE HABITATS (ESI)

- 1A EXPOSED ROCKY SHORES
- 1B EXPOSED, SOLID, MAN-MADE STRUCTURES
- 2A EXPOSED WAVE-CUT PLATFORMS IN BEDROCK
- 3A FINE- TO MEDIUM-GRAINED SAND BEACHES
- 3B SCARPS AND STEEP SLOPES IN SAND
- 4 COARSE-GRAINED SAND BEACHES
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6D BOULDER RUBBLE
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES
- 8B SHELTERED, SOLID MAN-MADE STRUCTURES
- 8C SHELTERED RIPRAP
- 9A SHELTERED TIDAL FLATS
- 9B VEGETATED LOW BANKS
- 9C HYPERSALINE TIDAL FLATS
- 10A SALT-AND BRACKISH-WATER MARSHES
- 10B FRESHWATER MARSHES
- 10C SWAMPS
- 10D SCRUB-SHRUB WETLANDS



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Southern California: ESIMAP 53

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
3	Surf scoter		X X X X X			
	Western grebe		X X X X X			
8	California gull		X X X X X			
	Double-crested cormorant		X X X X X X X X X X X			
	Heermann's gull		X X X X X X X X X X X			
12	Common tern		X X X X X X			
	Elegant tern		X X X X X X X			
	Pacific loon		X X X X X X			
13	Brandt's cormorant		X X X X X			
	Brown pelican		X X X X X X X			
	Western gull		X X X X X X X X X X X			
14	Alcids		X X X X X			
	Ashy storm-petrel	C	X X X X X X X X X X X			
	Black-legged kittiwake		X X X X X			
	Black-vented shearwater		X X X			
	Bonaparte's gull		X X X X X			
	Brown booby		X X X X X X X X X X X			
	Cassin's auklet	C	X X X X X X X X X X			
	Common tern		X X X X X X X			
	Jaegers		X X X X X X X X X X X			
	Pink-footed shearwater		X X X X			
	Red phalarope		X X X X X X			
	Red-necked phalarope		X X X X X X X			
	Rhinoceros auklet		X X X X X			
	Sooty shearwater		X X X X X			
	Xantus's murrelet	T	X X X X X X X X X X X	MAR-JAN		
458	Western snowy plover	C T	X X X X X X X X X X			
461	Bald eagle	E	X X X X X X X X X X X	FEB-JUN		
	Osprey		X X X X X			
	Peregrine falcon		X X X X			
484	Black oystercatcher		X X X X X X X X X X X	MAR-SEP		
	Brandt's cormorant		X X X X X X X X X X X	APR-JUN		
	Western gull	2	X X X X X X X X X X X	FEB-SEP		
494	Western snowy plover	C T	X X X X X X X	MAR-SEP		
495	Western snowy plover	C T 30-60 BIRDS	X X X X X X X X X X X			

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
349	California grunion	POSSIBLE RUNS	X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
460	Rocky intertidal fish		X X X X X X X X X X X					

HABITAT:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
460	Rocky intertidal plants		X X X X X X X X X X X

INVERTEBRATE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
460	Abalone	POTENTIAL	X X X X X X X X X X X					
	Rocky intertidal invertebrates		X X X X X X X X X X X					
530	Red abalone		X X X X X X X X X X X					

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
3	Pacific harbor seal	PRIMARY	X X X X X X X X X X X				
536	Bottlenose dolphin	PRIMARY	X X X X X X X X X X X				
	California sea lion	PRIMARY	X X X X X X X X X X X				AUG-SEP
	Dall's porpoise	PRIMARY	X X X X X				
	Dall's porpoise	SECONDARY	X X X X X X				
	Killer whale	PRIMARY	X X X X X X X X X X X				
	Minke whale	PRIMARY	X X X X X X X X X X X				
	Northern right-whale dolphin	PRIMARY	X X X X X				
	Northern right-whale dolphin	SECONDARY	X X X X X X				
	Pacific white-sided dolphin	PRIMARY	X X X X X				
	Pacific white-sided dolphin	SECONDARY	X X X X X X				
	Risso's dolphin	PRIMARY	X X X X X X X X X X X				
	Short-beaked common dolphin	PRIMARY	X X X X X X X X X X X				
	Short-finned pilot whale	RARE	X X X X X X X X X X X				
	Striped dolphin	RARE	X X X X X X X X X X X				
538	Baird's beaked whale	PRIMARY	X X X X X X X X X X X				
	Cuvier's beaked whale	PRIMARY	X X X X X X X X X X X				
	Mesoplodont beaked whales	PRIMARY	X X X X X X X X X X X				
	Sperm whale	E PRIMARY	X X X X X X X X X X X				
541	Blue whale	E PRIMARY	X X X X X X X X X				
	Blue whale	E RARE	X X X X				
	Bryde's whale	RARE	X X X X X X X X				
	Fin whale	E PRIMARY	X X X X X X X X X				
	Fin whale	E SECONDARY	X X X X				
	Humpback whale	E PRIMARY	X X X X X X X X X				
	Humpback whale	E SECONDARY	X X X X				
	North Pacific right whale	E RARE	X X X X X X X X X				
543	Gray whale	PRIMARY	X X X X				
	Gray whale	RARE	X X X X X				
	Gray whale	SECONDARY	X X X X				
	Long-beaked common dolphin	PRIMARY	X X X X X X X X X X X				
617	Pacific harbor seal	1-12 INDIV.	X X X X X X X X X X X				MAY-JUL
618	Pacific harbor seal	7-19 INDIV.	X X X X X X X X X X X				MAY-JUL
619	Pacific harbor seal	4 INDIV.	X X X X X X X X X X X				MAY-JUL
620	Pacific harbor seal	52 INDIV.	X X X X X X X X X X X				MAY-JUL

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Interesting	Juveniles	Adults
409	Loggerhead sea turtle	T RARE	X X X X X X X X X X X					
461	Island night lizard	T	X X X X X X X X X X X	MAR-SEP				
668	Leatherback sea turtle	E SECONDARY	X X X X X					MAR-JUL

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
6-680	.9 NM SE of Mosquito Cove	CDF&G OSPR

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.

Southern California: ESIMAP 53 (cont.)

HUMAN USE RESOURCES: (cont.)

FISHERY AREA:

HUN#	Name	J	F	M	A	M	J	J	A	S	O	N	D
		-	-	-	-	-	-	-	-	-	-	-	-
545	California halibut	X	X	X	X	X	X	X	X	X	X	X	X
	California market squid	X	X	X	X	X	X	X	X	X	X	X	X
	California scorpionfish	X	X	X	X	X	X	X	X	X	X	X	X
	California sheephead		X	X	X	X	X	X	X	X	X	X	X
	California spiny lobster	X	X	X					X	X	X	X	
	Dover sole	X	X	X	X	X	X	X	X	X	X	X	X
	Kelp bass	X	X	X	X	X	X	X	X	X	X	X	X
	Lingcod				X	X	X	X	X	X	X	X	
	Northern anchovy	X	X	X	X	X	X	X	X	X	X	X	X
	Ocean whitefish		X	X	X	X	X	X	X	X	X	X	X
	Pacific angel shark	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific bonito	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific chub mackerel	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sanddab	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sardine	X	X	X	X	X	X	X	X	X	X	X	X
	Rock crabs	X	X	X	X	X	X	X	X	X	X	X	X
	Rockfish		X	X	X	X	X	X	X	X	X	X	X
	Sablefish	X	X	X	X	X	X	X	X	X	X	X	X
	Sea cucumbers	X	X	X	X	X	X	X	X	X	X	X	X
	Sea urchins	X	X	X	X	X	X	X	X	X	X	X	X
	Shark	X	X	X	X	X	X	X	X	X	X	X	X
	Sheep crab	X	X	X	X	X	X	X	X	X	X	X	X
	Spot prawn		X	X	X	X	X	X	X	X	X	X	
	Surfperch	X	X	X	X	X	X	X	X	X	X	X	X
	Swordfish	X	X	X	X	X	X	X	X	X	X	X	X
	Thornyhead spp.	X	X	X	X	X	X	X	X	X	X	X	X
	Tuna	X	X	X	X	X	X	X	X	X	X	X	X
	Warty sea cucumber	X	X	X	X	X	X	X	X	X	X	X	X
	White seabass	X	X	X	X	X	X	X	X	X	X	X	X
	Yellowtail	X	X	X	X	X	X	X	X	X	X	X	X
583	California halibut	X	X	X	X	X	X	X	X	X	X	X	X
	California market squid	X	X	X	X	X	X	X	X	X	X	X	X
	California sheephead		X	X	X	X	X	X	X	X	X	X	X
	California spiny lobster	X	X	X					X	X	X	X	
	Dover sole	X	X	X	X	X	X	X	X	X	X	X	X
	Kelp bass	X	X	X	X	X	X	X	X	X	X	X	X
	Lingcod			X	X	X	X	X	X	X	X	X	
	Northern anchovy	X	X	X	X	X	X	X	X	X	X	X	X
	Ocean whitefish		X	X	X	X	X	X	X	X	X	X	X
	Pacific bonito	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific chub mackerel	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sardine	X	X	X	X	X	X	X	X	X	X	X	X
	Ridgeback prawn	X	X	X	X	X			X	X	X		
	Rock crabs	X	X	X	X	X	X	X	X	X	X	X	X
	Rockfish		X	X	X	X	X	X	X	X	X	X	X
	Sablefish	X	X	X	X	X	X	X	X	X	X	X	X
	Sea cucumbers	X	X	X	X	X	X	X	X	X	X	X	X
	Sea urchins	X	X	X	X	X	X	X	X	X	X	X	X
	Shark	X	X	X	X	X	X	X	X	X	X	X	X
	Sheep crab	X	X	X	X	X	X	X	X	X	X	X	X
	Spot prawn		X	X	X	X	X	X	X	X	X	X	
	Swordfish	X	X	X	X	X	X	X	X	X	X	X	X
	Thornyhead spp.	X	X	X	X	X	X	X	X	X	X	X	X
	Tuna	X	X	X	X	X	X	X	X	X	X	X	X
	White seabass	X	X	X	X	X	X	X	X	X	X	X	X
	Yellowtail	X	X	X	X	X	X	X	X	X	X	X	X