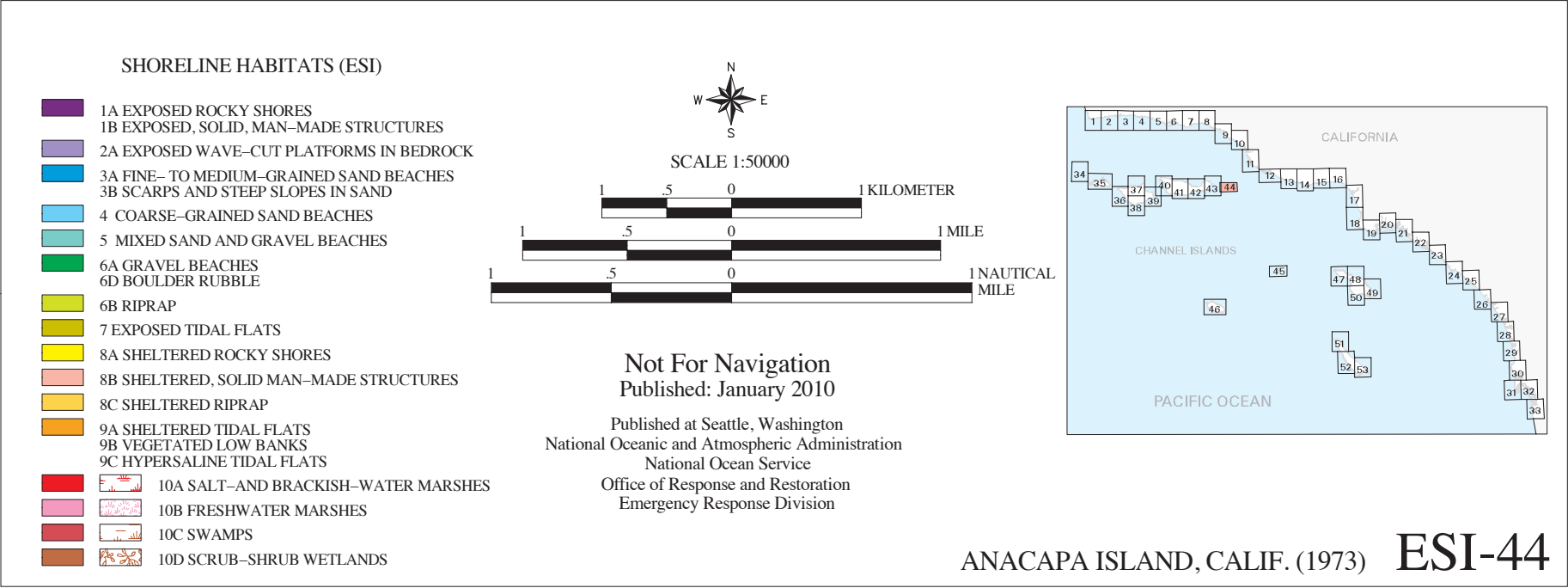
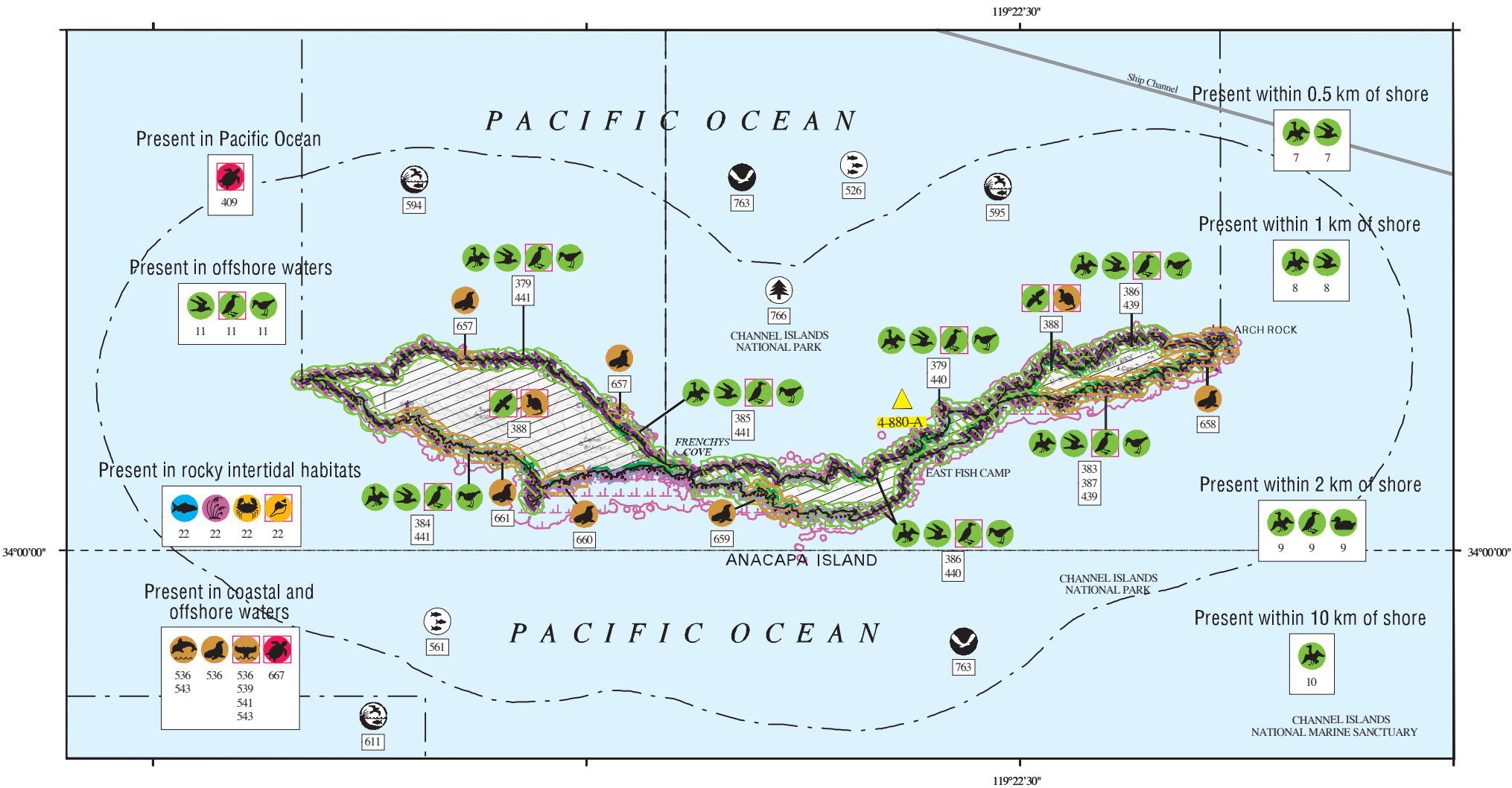


ENVIRONMENTAL SENSITIVITY INDEX MAP



Southern California: ESIMAP 44

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
7	Common loon		X X X X X	-	-	-
	Elegant tern		X X X X X X X X	-	-	-
	Pacific loon		X X X X X X X X	-	-	-
8	California gull		X X X X X X X X	-	-	-
	Double-crested cormorant		X X X X X X X X X X	-	-	-
	Heermann's gull		X X X X X X X X X X	-	-	-
9	Pigeon guillemot		X X X X X X X X	-	-	-
	Surf scoter		X X X X X X X X	-	-	-
	Western grebe		X X X X X X X X	-	-	-
10	Brandt's cormorant		X X X X X X X X X	-	-	-
	Brown pelican		X X X X X X X X X	-	-	-
	Pelagic cormorant		X X X X X X X X X	-	-	-
11	Ashy storm-petrel	C	X X X X X X X X X X	-	-	-
	Black-legged kittiwake		X X X X X X X X	-	-	-
	Black-vented shearwater		X X X X X X X X	-	-	-
	Cassin's auklet	C	X X X X X X X X X X	-	-	-
	Northern fulmar		X X X X X X X X	-	-	-
	Pink-footed shearwater		X X X X X X X X	-	-	-
	Red phalarope		X X X X X X X X	-	-	-
	Red-necked phalarope		X X X X X X X X	-	-	-
	Rhinoceros auklet		X X X X X X X X X X	-	-	-
	Sooty shearwater		X X X X X X X X	-	-	-
	Western gull		X X X X X X X X X X X X	-	-	-
	Xantus's murrelet	T	X X X X X X X X	-	-	-
379	Xantus's murrelet	T 10-30	X X X X X X X X X X X X	MAR-JAN	-	-
383	Brown pelican	12	X X X X X X X X X X X X	DEC-AUG	-	-
384	Xantus's murrelet	T 5-15	X X X X X X X X X X X X	MAR-JAN	-	-
385	Xantus's murrelet	T 25-75	X X X X X X X X X X X X	MAR-JAN	-	-
386	Xantus's murrelet	T 10-50	X X X X X X X X X X X X	MAR-JAN	-	-
387	Xantus's murrelet	T 50-100	X X X X X X X X X X X X	MAR-JAN	-	-
388	Bald eagle	E	X X X X X X X X X X X X	-	-	-
	Osprey		X X X X X X X X X X X X	-	-	-
	Peregrine falcon	10 NESTS	X X X X X X X X X X X X	MAR-MAY	-	-
439	Black oystercatcher	5	X X X X X X X X X X X X	MAR-SEP	-	-
	Brandt's cormorant	85	X X X X X X X X X X X X	APR-JUN	-	-
	Pelagic cormorant	98	X X X X X X X X X X X X	APR-JUN	-	-
	Pigeon guillemot	23	X X X X X X X X X X X X	MAR-SEP	-	-
	Western gull	2516	X X X X X X X X X X X X	FEB-SEP	-	-
440	Black oystercatcher	14	X X X X X X X X X X X X	MAR-SEP	-	-
	Brandt's cormorant	40	X X X X X X X X X X X X	APR-JUN	-	-
	Brown pelican	1000S	X X X X X X X X X X X X	DEC-AUG	-	-
	Pelagic cormorant	84	X X X X X X X X X X X X	APR-JUN	-	-
	Western gull	6310	X X X X X X X X X X X X	FEB-SEP	-	-
441	Black oystercatcher	15	X X X X X X X X X X X X	MAR-SEP	-	-
	Brandt's cormorant	505	X X X X X X X X X X X X	APR-JUN	-	-
	Brown pelican	10680	X X X X X X X X X X X X	DEC-AUG	-	-
	Double-crested cormorant	720	X X X X X X X X X X X X	MAR-MAY	-	-
	Pelagic cormorant	146	X X X X X X X X X X X X	APR-JUN	-	-
	Pigeon guillemot	47	X X X X X X X X X X X X	MAR-SEP	-	-
	Western gull	1448	X X X X X X X X X X X X	FEB-SEP	-	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
22	Rocky intertidal fish		X 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
22	Rocky intertidal plants		X 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
22	Black abalone	E POTENTIAL	X 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 X	-	-	-	-	-

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
536	Bottlenose dolphin	PRIMARY	X 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 X	-	-	-	AUG-SEP
	Dall's porpoise	PRIMARY	X X X X X X X X	-	-	-	-
	Dall's porpoise	SECONDARY	X X X X X X X X	-	-	-	-
	Killer whale	PRIMARY	X 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 X	-	-	-	-
	Northern right-whale dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Northern right-whale dolphin	SECONDARY	X X X X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	SECONDARY	X X X X X X X X X X	-	-	-	-
	Risso's dolphin	PRIMARY	X 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 X	-	-	-	-
	Short-finned pilot whale	RARE	X 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 X	-	-	-	-
539	Baird's beaked whale	SECONDARY	X X X X X X X X X X X X	-	-	-	-
	Cuvier's beaked whale	SECONDARY	X X X X X X X X X X X X	-	-	-	-
	Mesoplodont beaked whales	SECONDARY	X X X X X X X X X X X X	-	-	-	-
	Sperm whale	E SECONDARY	X 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 X	-	-	-	-
	Blue whale	E RARE	X X X X X X X X X X	-	-	-	-
	Bryde's whale	RARE	X X X X X X X X X X	-	-	-	-
	Fin whale	E PRIMARY	X X X X X X X X X X	-	-	-	-
	Fin whale	E SECONDARY	X X X X X X X X X X	-	-	-	-
	Humpback whale	E PRIMARY	X X X X X X X X X X	-	-	-	-
	Humpback whale	E SECONDARY	X X X X X X X X X X	-	-	-	-
	North Pacific right whale	E RARE	X X X X X X X X X X	-	-	-	-
543	Gray whale	PRIMARY	X X X X X X X X X X	-	-	-	-
	Gray whale	RARE	X X X X X X X X X X	-	-	-	-
	Gray whale	SECONDARY	X X X X X X X X X X	-	-	-	-
	Long-beaked common dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
657	Pacific harbor seal	2 INDIV.	X X X X X X X X X X X X	-	-	-	MAY-JUL
658	California sea lion	1085 INDIV.	X X X X X X X X X X X X	-	-	-	AUG-SEP
659	Pacific harbor seal	8-36 INDIV.	X X X X X X X X X X X X	-	-	FEB-MAY	MAY-JUL
660	Pacific harbor seal	14-35 INDIV.	X X X X X X X X X X X X	-	-	FEB-MAY	MAY-JUL
661	Pacific harbor seal	103-179 INDIV.	X X X X X X X X X X X X	-	-	FEB-MAY	MAY-JUL

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 44 (cont.)

BIOLOGICAL RESOURCES: (cont.)

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 X	-	-	-	-	-
667	Leatherback sea turtle	E PRIMARY	X X X X X	-	-	-	-	MAR-JUL

TERRESTRIAL MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
388	Anacapa deermouse	C	X X X X X X X X X X X X

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
4-880-A	Anacapa Island	CDF&G OSPR

FISHERY AREA:

HUN#	Name	J F M A M J J A S O N D
526	Barred sand bass	X X X X X X X X X X X
	Cabazon	X X X X X X X X X X
	California halibut	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
	California scorpionfish	X X X X X X X X X X X
	California sheephead	X X X X X X X X X X
	California spiny lobster	X X X X X X X X X
	Dover sole	X X X X X X X X X X X
	Flatfish	X X X X X X X X X X X
	Kelp bass	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
	Ocean whitefish	X X X X X X X X X X
	Pacific angel shark	X X X X X X X X X X X
	Pacific bonito	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
	Pacific sanddab	X X X X X X X X X X X
	Pacific sardine	X X X X X X X X X X X
	Ridgeback prawn	X X X X X X X X X
	Rock crabs	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
	Sea cucumbers	X X X X X X X X X X X
	Sea urchins	X X X X X X X X X X X
	Shark	X X X X X X X X X X X
	Sheep crab	X X X X X X X X X X X
	Spot prawn	X X X X X X X X X
	Surfperch	X X X X X X X X X X X
	Swordfish	X X X X X X X X X X X
	Thornyhead spp.	X X X X X X X X X X X
	Tuna	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
	White seabass	X X X X X X X X X X X
	Yellowtail	X X X X X X X X X X X
561	Barred sand bass	X X X X X X X X X X X
	Cabazon	X X X X X X X X X X
	California halibut	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
	California scorpionfish	X X X X X X X X X X X
	California sheephead	X X X X X X X X X X
	California spiny lobster	X X X X X X X X X
	Dover sole	X X X X X X X X X X X
	Kelp bass	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
	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
	Pacific chub mackerel	X X X X X X X X X X X
	Pacific sanddab	X X X X X X X X X X X
	Pacific sardine	X X X X X X X X X X X
	Ridgeback prawn	X X X X X X X X X
	Rock crabs	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
	Sea cucumbers	X X X X X X X X X X X
	Sea urchins	X X X X X X X X X X X
	Shark	X X X X X X X X X X X
	Sheep crab	X X X X X X X X X X X
	Spot prawn	X X X X X X X X X
	Surfperch	X X X X X X X X X X X
	Swordfish	X X X X X X X X X X X
	Thornyhead spp.	X X X X X X X X X X X
	Tuna	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
	White seabass	X X X X X X X X X X X
	Yellowtail	X X X X X X X X X X X

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
594	ANACAPA ISLAND MARINE CONSERVATION AREA		
595	ANACAPA ISLAND MARINE RESERVE		
611	FOOTPRINT MARINE RESERVE		

MARINE SANCTUARY:

HUN#	Name	Contact	Phone
763	CHANNEL ISLANDS NMS	NOAA	805/382-6149

NATIONAL PARK:

HUN#	Name	Contact	Phone
766	CHANNEL ISLANDS NATIONAL PARK	NATIONAL PARK SERVICE	805/658-5700

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