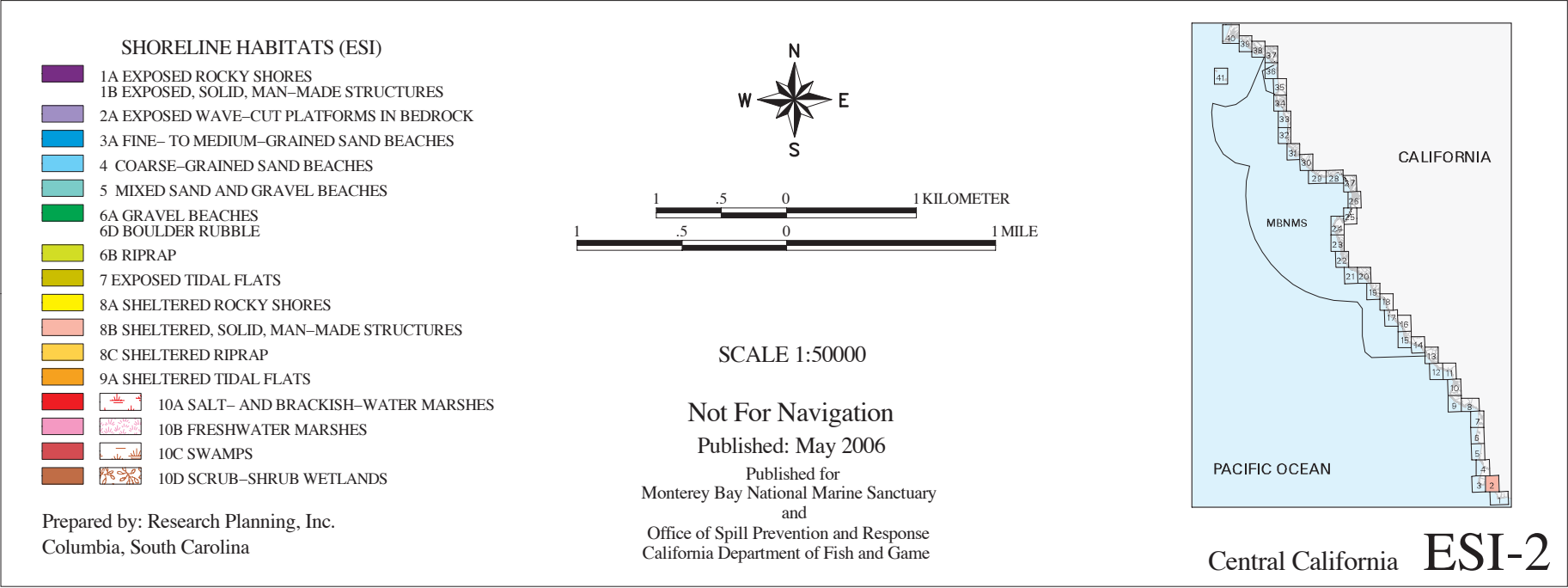
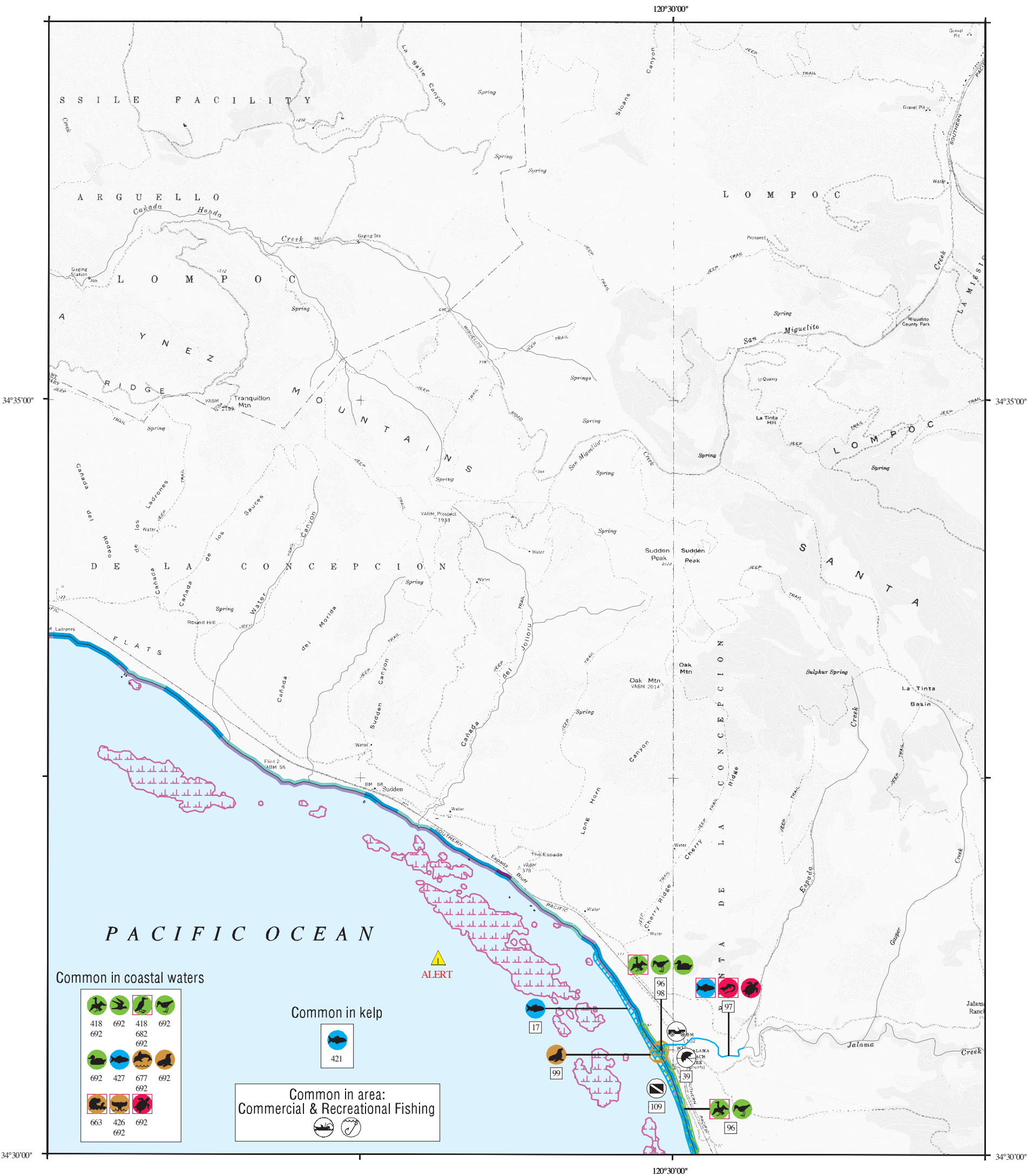


ENVIRONMENTAL SENSITIVITY INDEX MAP



Central California: ESIMAP 2

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
96	Brown pelican	E E	X X X X X X X X X X X	-	JUL-NOV	-
	Shorebirds	HIGH	X X X X X X X X X X X	-	-	-
98	Waterfowl	HIGH	X X X X X X X X X	-	-	-
418	Diving birds	HIGH	X X X X X X X	FEB-AUG	-	-
	Seabirds	HIGH	X X X X X X X	FEB-AUG	-	-
682	Sooty shearwater	MODERATE	X X X X X X X X X	-	-	APR-OCT
692	Cassin's auklet	MODERATE	X X X X X X X X X X X	-	-	-
	Clark's grebe	MODERATE	X X X X X X X X X	-	MAR-APR SEP-NOV	-
	Common murre	MODERATE	X X X X X X X X X X X	-	-	JUL-SEP
	Cormorants	MODERATE	X X X X X X X X X X X	-	-	-
	Eared grebe	LOW	X X X X X X X X X	-	MAR-APR SEP-OCT	-
	Gulls	MODERATE	X X X X X X X X X X X	-	-	-
	Horned grebe	LOW	X X X X X X X X X	-	OCT-APR	-
	Loons	LOW	X X X X X X X X	-	OCT-MAY	-
	Marbled murrelet	E T LOW	X X X X X X X X X X X	-	-	-
	Pacific loon	MODERATE	X X X X X X X X X	-	OCT-MAY	-
	Pelicans	MODERATE	X X X X X X X X X	-	JUL-NOV	-
	Phalaropes	LOW	X X X X X X X X X X X	-	-	-
	Pigeon guillemot	MODERATE	X X X X X X X X	-	-	-
	Rhinoceros auklet	MODERATE	X X X X X X X X X X X	-	-	-
	Shearwaters	MODERATE	X X X X X X X X X X X	-	-	-
	Surf scoter	MODERATE	X X X X X X X X X	-	MAR-APR SEP-DEC	-
	Western grebe	MODERATE	X X X X X X X X X	-	MAR-APR SEP-NOV	-
	White-winged scoter	MODERATE	X X X X X X X X	-	MAR-APR OCT-NOV	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
17	Barred surfperch		X X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	MAR-NOV
	California grunion		X X X X X X X X	MAR-AUG	MAR-SEP	-	-	MAR-AUG
	Striped bass		X X X X X	-	-	-	MAY-SEP	MAY-SEP
	Walleye surfperch		X X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	JAN-DEC
97	Steelhead	E	X X X X X X X X X X X	-	-	-	JUN-OCT	OCT-JUN
	Tidewater goby	E	X X X X X X X X X X X	JAN-DEC	-	-	-	JAN-DEC
421	Black rockfish		X X X X X X X X X X X	JAN-MAY	-	-	APR-JUL	JAN-DEC
	Black-and-yellow rockfish		X X X X X X X X X X X	MAR-JUN	-	-	MAY-JUL	JAN-DEC
	Blue rockfish		X X X X X X X X X X X	NOV-MAR	-	-	APR-JUL	JAN-DEC
	Bocaccio		X X X X X X X X X X X	-	-	-	JAN-DEC	-
	Canary rockfish (orange)		X X X X X X X X X X X	-	-	-	JAN-DEC	-
	China rockfish		X X X X X X X X X X X	JAN-JUL	-	-	MAY-JUL	JAN-DEC
	Copper rockfish		X X X X X X X X X X X	FEB-APR	-	-	APR-JUL	JAN-DEC
	Gopher rockfish		X X X X X X X X X X X	MAR-JUN	-	-	MAY-JUL	JAN-DEC
	Grass rockfish		X X X X X X X X X X X	JAN-MAR	-	-	MAY-JUL	JAN-DEC
	Kelp rockfish		X X X X X X X X X X X	FEB-APR	-	-	APR-AUG	JAN-DEC
	Olive rockfish		X X X X X X X X X X X	JAN-MAR	-	-	APR-JUL	JAN-DEC
	Vermilion rockfish		X X X X X X X X X X X	SEP-NOV	-	-	FEB-JUL	JAN-DEC
	Widow rockfish		X X X X X X X X X X X	-	-	-	JAN-DEC	-
	Yellowtail rockfish		X X X X X X X X X X X	-	-	-	JAN-DEC	-
427	California halibut		X X X X X X X X X X X	FEB-JUN	-	FEB-SEP	JAN-DEC	FEB-NOV
	Salmon		X X X X X X	-	-	-	-	APR-SEP

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
99	Harbor seal		X X X X X X X X X X X	-	-	-	-
426	Gray whale		X X X X X X X	-	DEC-FEB	-	-
663	Sea otter	T 23 INDEP / 0 PUPS	X X X X X X X X X X X	-	-	-	-
677	Harbor porpoise	MODERATE	X X X X X X X X X X X	JUL-SEP	JUN-AUG	-	-
692	Blue whale	E MODERATE	X X X X X X X X X	-	-	-	-
	Bottlenose dolphin	MODERATE	X X X X X X X X X X X	-	-	-	-
	Dall's porpoise	MODERATE	X X X X X X X X X X X	-	-	-	-
	Fin whale	E LOW	X X X X X X X X X X X	-	-	-	-
	Humpback whale	E MODERATE	X X X X X X X X X X	-	-	-	-
	Killer whale	LOW	X X X X X X X X X X X	-	-	-	-
	Long-beaked common dolphin	MODERATE	X X X X X X X X X X X	-	-	-	-
	Minke whale	LOW	X X X X X X X X X X X	-	MAR-MAY	-	-
	Northern right whale	E LOW	X X X X X X X	-	-	-	-
	Northern right-whale dolphin	LOW	X X X X X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	LOW	X X X X X X X X X X X	-	-	-	-
	Risso's dolphin	MODERATE	X X X X X X X X X X X	-	-	-	-
	Sea lions	MODERATE	X X X X X X X X X X X	-	-	-	-
	Seals	LOW	X X X X X X X X X X X	-	-	-	-
	Short-beaked common dolphin	MODERATE	X X X X X X X X X X X	-	-	-	-
	Short-finned pilot whale	LOW	X X X X X X X X X X X	-	-	-	-

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Interesting	Juveniles	Adults
97	California red-legged frog	T	X X X X X X X X X X X	NOV-APR	-	-	JAN-DEC	JAN-DEC
	Western pond turtle		X X X X X	-	-	-	JUN-OCT	-
692	Leatherback sea turtle	E LOW	X X X X X X X	-	-	-	-	MAY-NOV

HUMAN USE RESOURCES:

ALERT:

ID#	Description
1	Keep out of kelp when transiting. Note potential presence of sea otters if operating outboard motor.

BEACH:

HUN#	Name	Contact	Phone
39	JALAMA BEACH COUNTY PARK		

DIVING:

HUN#	Name	Contact	Phone
109	DIVING		