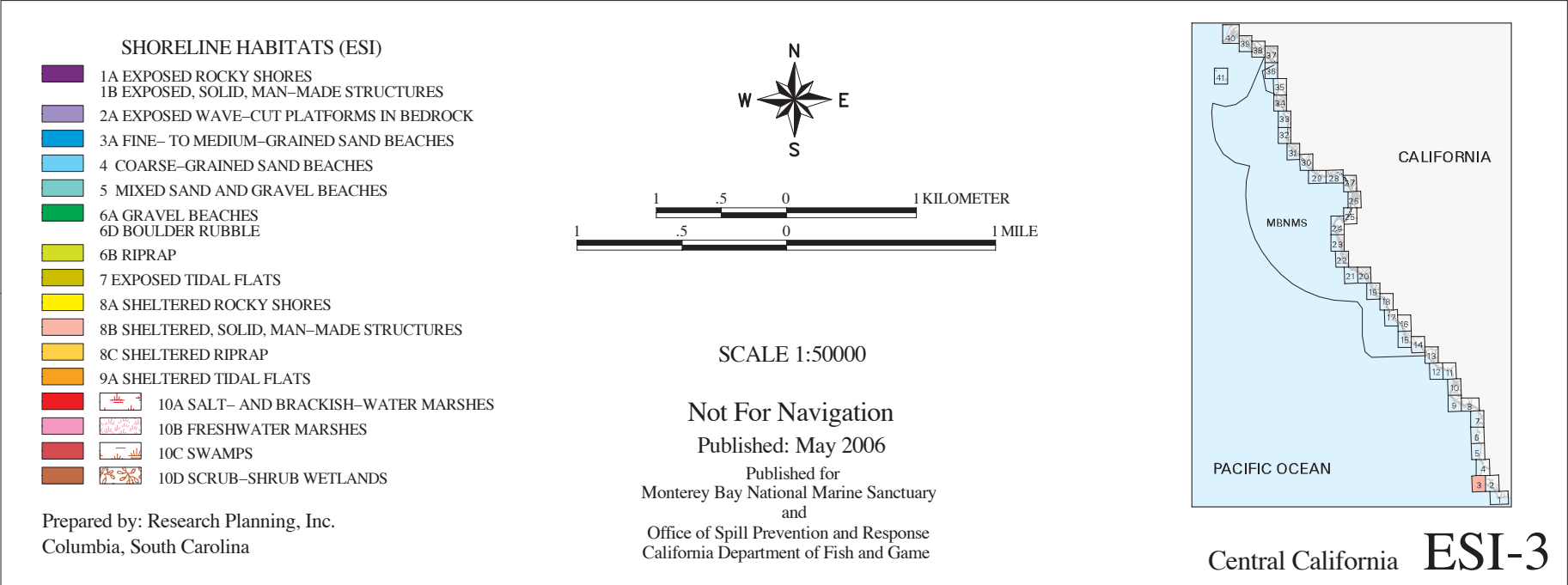
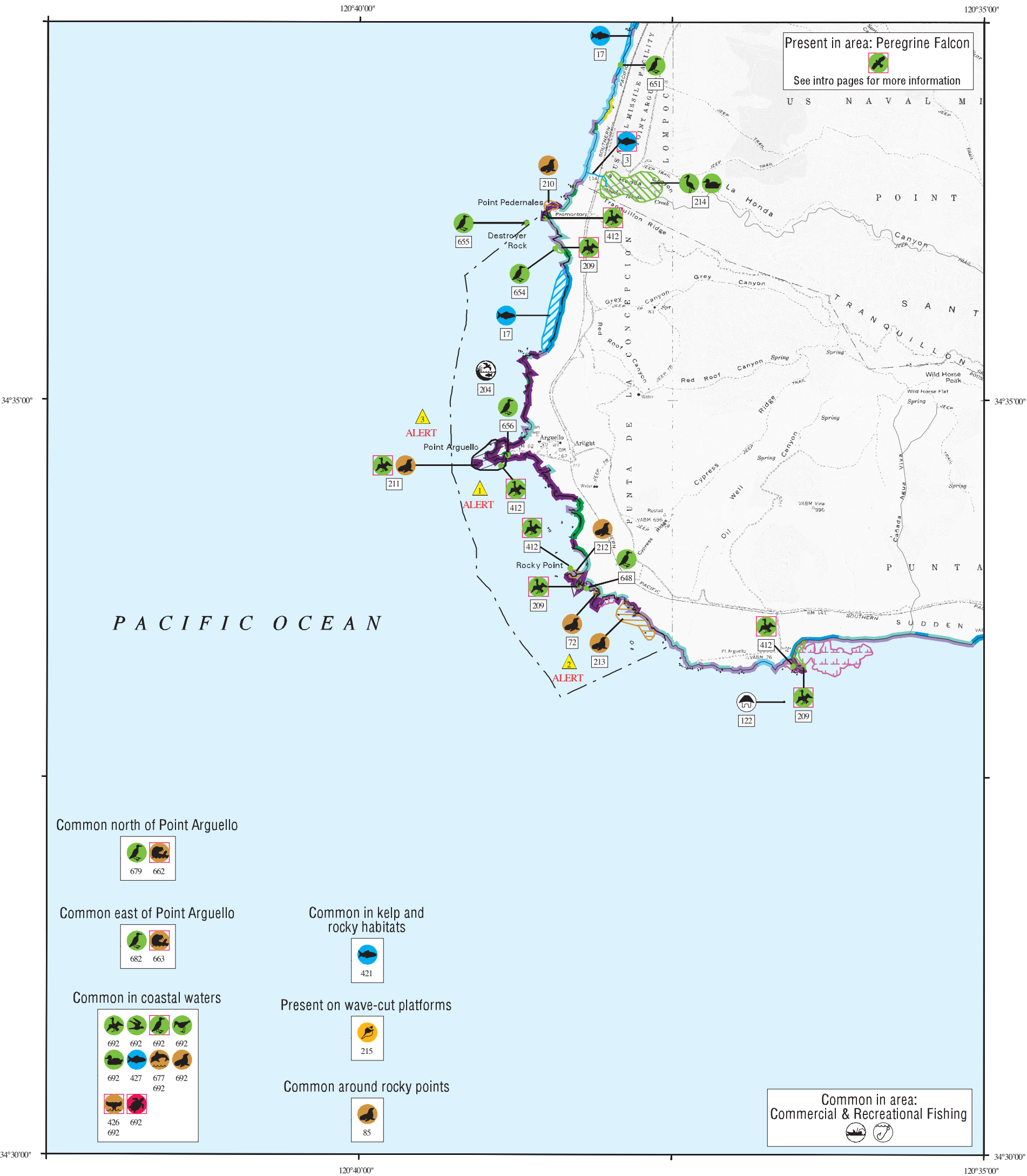


ENVIRONMENTAL SENSITIVITY INDEX MAP



Central California: ESIMAP 3

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
209	Brown pelican	E E	X X X X X X X X X X X	-	JUL-NOV	-
211	Brown pelican	E E	X X X X X X X X X X X	-	JUL-NOV	-
214	Wading birds		X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X X	-	-	-
412	Brown pelican	E E	X X X X X X X X X X X	-	JUL-NOV	-
648	Seabirds	80 INDIV.	X X X X X X X	FEB-AUG	-	-
651	Pigeon guillemot	198 INDIV.	X X X X X X X X X X X	FEB-AUG	-	-
654	Seabirds	154 INDIV.	X X X X X X X	FEB-AUG	-	-
655	Pigeon guillemot	65 INDIV.	X X X X X X X X X X X	FEB-AUG	-	-
656	Seabirds	1081 INDIV.	X X X X X X X	FEB-AUG	-	-
679	Sooty shearwater	HIGH	X X X X	-	-	JUN-SEP
682	Sooty shearwater	MODERATE	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	-	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	-	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	-	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	-	OCT-MAY	-
	Pelicans	MODERATE	X 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	-	MAR-APR SEP-DEC	-
	Western grebe	MODERATE	X X X X X X X X	-	MAR-APR SEP-NOV	-
	White-winged scoter	MODERATE	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
3	Tidewater goby	E	X X X X X X X X X X X	JAN-DEC	-	-	-	JAN-DEC
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	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
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 X	-	-	-	-	APR-SEP

INVERTEBRATE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
215	Black abalone		X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
72	Harbor seal	4 INDIV.	X X X X X X X X X X X	-	-	MAR-MAY	-
85	Pinnipeds	HIGH	X X X X X X X X X X X	-	-	-	-
210	California sea lion	2-75 INDIV.	X X X X X X X X X X X	-	-	-	-
211	California sea lion	37 INDIV.	X X X X X X X X X X X	-	-	-	-
212	California sea lion	96-922 INDIV.	X X X X X X X X X X X	-	-	MAY-JUL	-
213	Harbor seal	64-350 INDIV.	X X X X X X X X X X X	-	-	MAR-MAY	-
426	Gray whale		X X X X X X X	-	DEC-FEB	-	-
662	Sea otter	T 74 INDEP / 8 PUPS	X X X X X X X X X X X	-	-	JAN-MAR SEP-NOV	-
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	-	-	-	-
	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	-	-	-	-
	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	-	-	-	-
	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	Internesting	Juveniles	Adults
692	Leatherback sea turtle	E LOW	X X X X X X X	-	-	-	-	MAY-NOV

HUMAN USE RESOURCES:

ALERT:

ID#	Description
1	Seabird colony, February-August.
2	California sea lion and harbor seal breeding area, March-August.

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.

Central California: ESIMAP 3 (cont.)

HUMAN USE RESOURCES: (cont.)

ALERT: (cont.)

ID#	Description
---	-----
3	Threatened/endangered or rare terrestrial plants potentially in the area.

SAMPLING SITE:

HUN#	Name	Contact	Phone
----	-----	-----	-----
122	PISCO:BOAT HOUSE	PETE RAIMONDI	831/459-5674

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
----	-----	-----	-----
204	VANDENBERG - SMR	CDF&G	