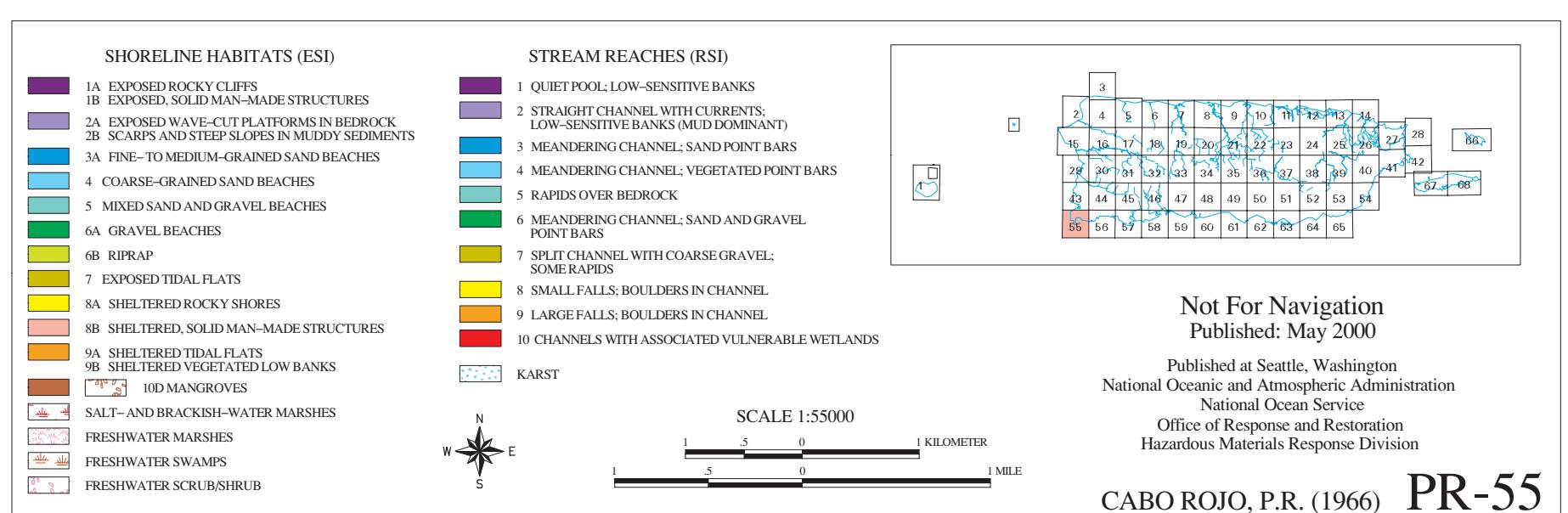
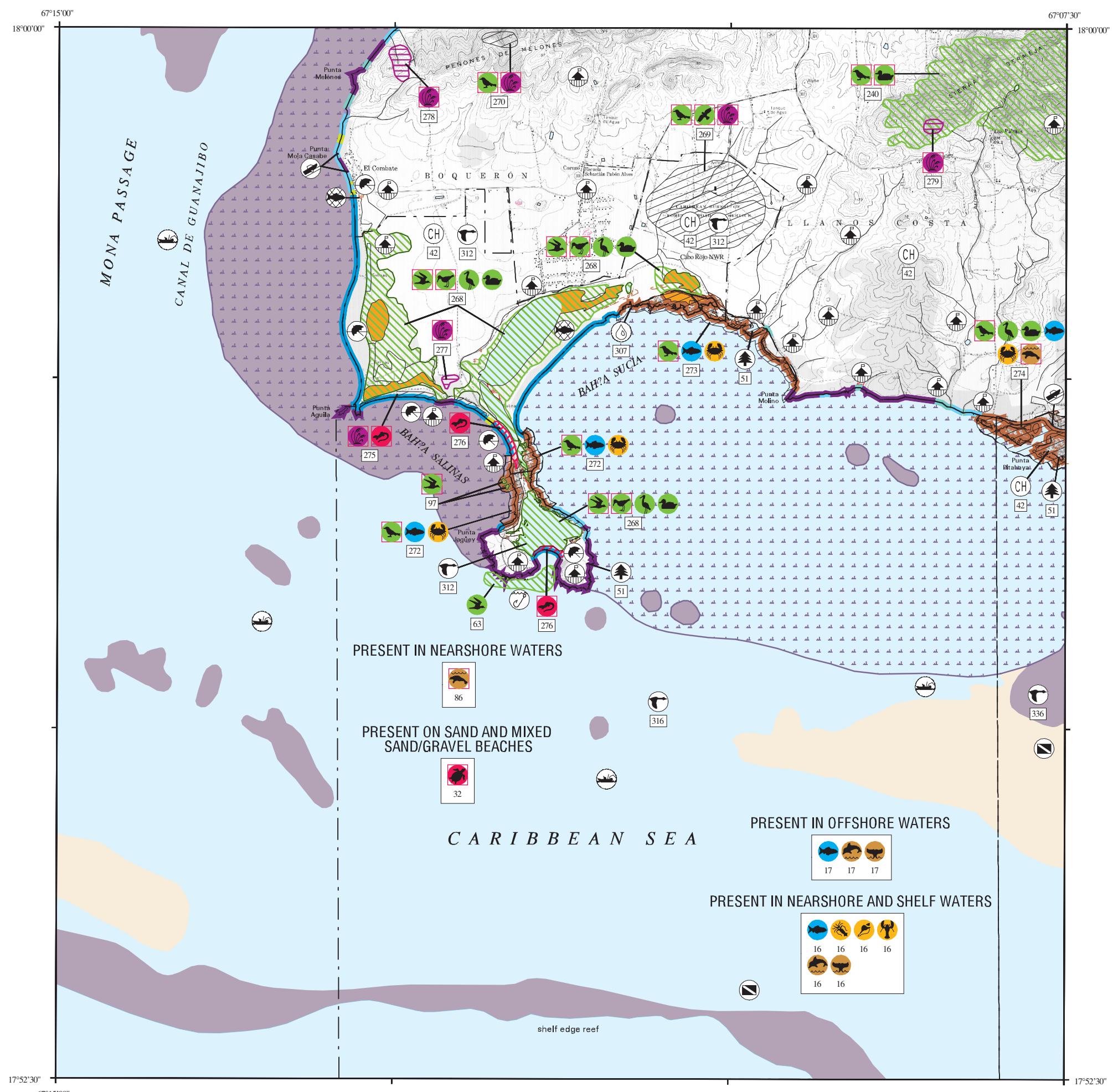


ENVIRONMENTAL SENSITIVITY INDEX MAP



PUERTO RICO - ESIMAP 55

BIOLOGICAL RESOURCES:

BIRD:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D Nesting
63 Seabirds		X X X X X X X X X X X X X X -
97 Brown pelican	S/F E/E	X X X X X X X X X X X X X X -
240 Puerto Rican nightjar	S/F E/E	X X X X X X X X X X X X X X FEB-JUL
West Indian whistling-duck	S T	POTENTIAL X X X X X X X X X X X X JAN-DEC
268 Black-necked stilt	HIGH	X X X X X X X X X X APR-OCT
Clapper rail	LOW	X X X X X X X X X X APR-MAY
Greater flamingo	POTENTIAL	X X X X X X X X X X X X X X -
Least tern	S T	X X X X X X X X X X X X X X APR-JUL
Piping plover	S/F T/T	X X X X X X X X X X X X X X -
Shorebirds	VERY HIGH	X X X X X X X X X X X X X X -
Snowy plover	S T	X X X X X X X X X X X X X X JAN-AUG
Wading birds	HIGH	X X X X X X X X X X X X X X -
Waterfowl	HIGH	X X X X X X X X X X X X X X -
269 Peregrine falcon	S E	X X X X X X X X X X X X X X -
Yellow-shouldered blackbird	S/F E/E	X X X X X X X X X X X X X X -
270 Puerto Rican nightjar	S/F E/E	X X X X X X X X X X X X X X FEB-JUL
272 Yellow-shouldered blackbird	S/F E/E	X X X X X X X X X X X X X X MAR-SEP
273 White-winged dove	HIGH	X X X X X X X X X X X X X X JAN-DEC
Yellow-shouldered blackbird	S/F E/E	X X X X X X X X X X X X X X MAR-SEP
274 Belted kingfisher	HIGH	X X X X X X X X X X X X X X -
Blue-winged teal	HIGH	X X X X X X X X X X X X X X -
Clapper rail	LOW	X X X X X X X X X X X X X X -
White-winged dove		X X X X X X X X X X X X X X JAN-DEC
Yellow-shouldered blackbird	S/F E/E	X X X X X X X X X X X X X X MAR-SEP

FISH:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D Spawning Eggs	Larvae	Juveniles	Adults
16 Pelagic fish		X X X X X X X X X X X X X X JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
Reef fish		X X X X X X X X X X X X X X JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
17 Pelagic fish		X X X X X X X X X X X X X X JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
272 Nursery fish		X X X X X X X X X X X X X X JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
Snook		X X X X X X X X X X X X X X -	-	-	JAN-DEC
Tarpon		X X X X X X X X X X X X X X -	-	MAY-DEC	JAN-DEC
273 Nursery fish		X X X X X X X X X X X X X X -	-	-	JAN-DEC
Snook		X X X X X X X X X X X X X X -	-	-	JAN-DEC
Tarpon		X X X X X X X X X X X X X X -	-	MAY-DEC	JAN-DEC
274 Nursery fish		X X X X X X X X X X X X X X -	-	-	JAN-DEC
Snook		X X X X X X X X X X X X X X -	-	JAN-DEC	JAN-DEC
Tarpon		X X X X X X X X X X X X X X -	-	MAY-DEC	JAN-DEC

PLANT:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D
269 Aristida chaseae	S/F E/E	X X X X X X X X X X X X X X
Eugenia woodburyana	S/F E/E	X X X X X X X X X X X X X X
270 Eugenia woodburyana	S/F E/E	X X X X X X X X X X X X X X
275 Eugenia woodburyana	S/F E/E	X X X X X X X X X X X X X X
277 Aristida chaseae	S/F E/E	X X X X X X X X X X X X X X
278 Aristida chaseae	S/F E/E	X X X X X X X X X X X X X X
Aristida portoricensis	S/F E/E	X X X X X X X X X X X X X X
279 Eugenia woodburyana	S/F E/E	X X X X X X X X X X X X X X
Ottoschulzia rhodoxylon	S/F E/E	X X X X X X X X X X X X X X
Stahlia monosperma	S/F T/T	X X X X X X X X X X X X X X

INVERTEBRATE:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D Spawning Eggs	Larvae	Juveniles	Adults
16 Caribbean spiny lobster		X X X X X X X X X X X X X X JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
Octopus		X X X X X X X X X X X X X X DEC-MAR	DEC-APR	-	JAN-DEC
Queen conch		X X X X X X X X X X X X X X APR-OCT	APR-OCT	APR-OCT	JAN-DEC
272 Blue land crab		X X X X X X X X X X X X X X JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC
273 Blue land crab		X X X X X X X X X X X X X X JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC
274 Blue land crab		X X X X X X X X X X X X X X JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC

MARINE MAMMAL:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D Mating	Calving
16 Dolphins		X X X X X X X X X X X X X X -	-
Whales		X X X X X X X X X X X X X X -	-
17 Dolphins		X X X X X X X X X X X X X X -	-
Whales		X X X X X X X X X X X X X X -	-
86 West Indian manatee	S/F E/E	X X X X X X X X X X X X X X JAN-DEC	JAN-DEC
274 West Indian manatee	S/F E/E	X X X X X X X X X X X X X X JAN-DEC	JAN-DEC

REPTILE:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D Nesting	Hatching	Internesting	Juveniles	Adults
32 Green sea turtle	S/F E/T	X X X X X X X X X X X X X X JAN-DEC	JAN-DEC	-	JAN-DEC	JAN-DEC
Hawksbill sea turtle	S/F E/E	X X X X X X X X X X X X X X JAN-DEC	JAN-DEC	-	JAN-DEC	JAN-DEC
Leatherback sea turtle	S/F E/E	X X X X X X X X X X X X X X FEB-JUN	APR-SEP	-	APR-SEP	FEB-JUN
275 Cook's anole	S T	X X X X X X X X X X X X X X -	-	-	JAN-DEC	JAN-DEC
276 Cook's anole	S T	X X X X X X X X X X X X X X -	-	-	JAN-DEC	JAN-DEC

HUMAN USE RESOURCES:

HUN# Name	Owner/Manager	Contact	Phone
42 YELLOW-SHOULDERED BLACKBIRD DCH	USFWS	CARIBBEAN FIELD OFFICE	787/851-7297

CRITICAL HABITAT:

51 BOSQUE DE BOQUERON	DRNA	DIVISION DE MANEJO BOSQUES ESTATALES	787/721-5495
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FOREST:

336 RESERVA NATURAL LA PARGUERA	DRNA	DIVISION DE RESERVAS NATURALES Y REFUGIOS DE VIDA SILVESTRE	787/724-2816
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WILDLIFE REFUGE:

312 CABO ROJO NATIONAL WILDLIFE REFUGE	USFWS	REFUGE MANAGER	787/851-7258
316 REFUGIO DE BOQUERON	DRNA	DIVISION DE RESERVAS NATURALES Y REFUGIOS DE VIDA SILVESTRE	787/724-2816
336 RESERVA NATURAL LA PARGUERA	DRNA	DIVISION DE RESERVAS NATURALES Y REFUGIOS DE VIDA SILVESTRE	787/724-2816

WATER INTAKE:

HUN# Name	Owner/Manager	Location	Phone
307 WATER INTAKE			

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.