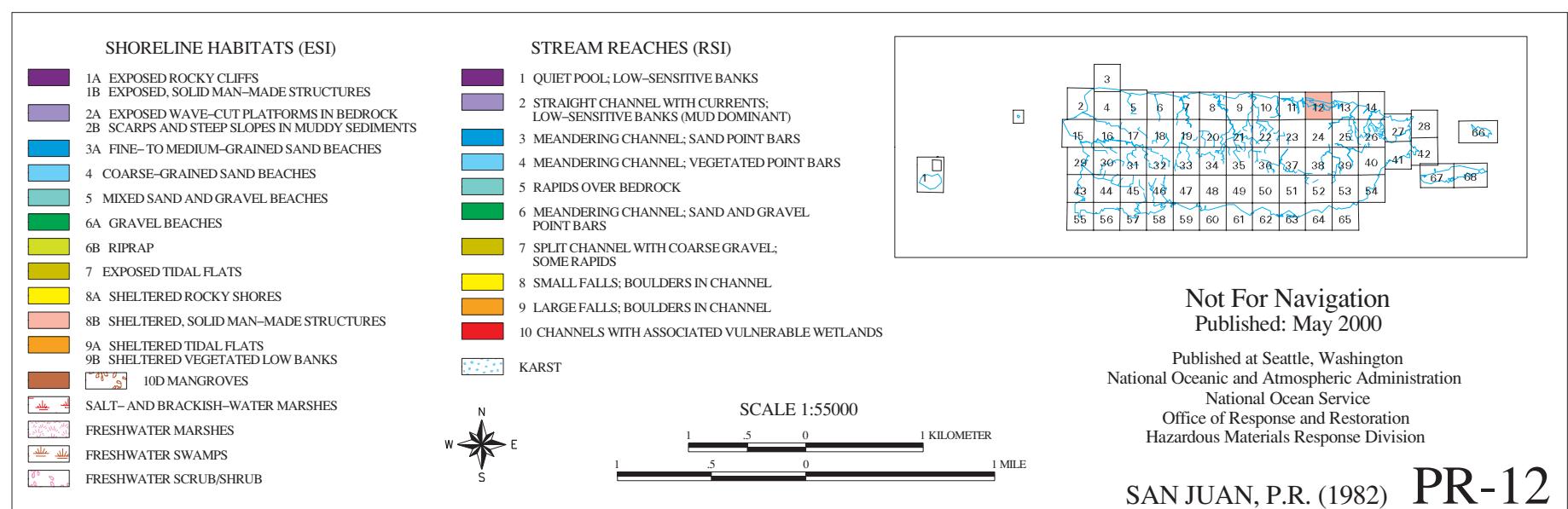
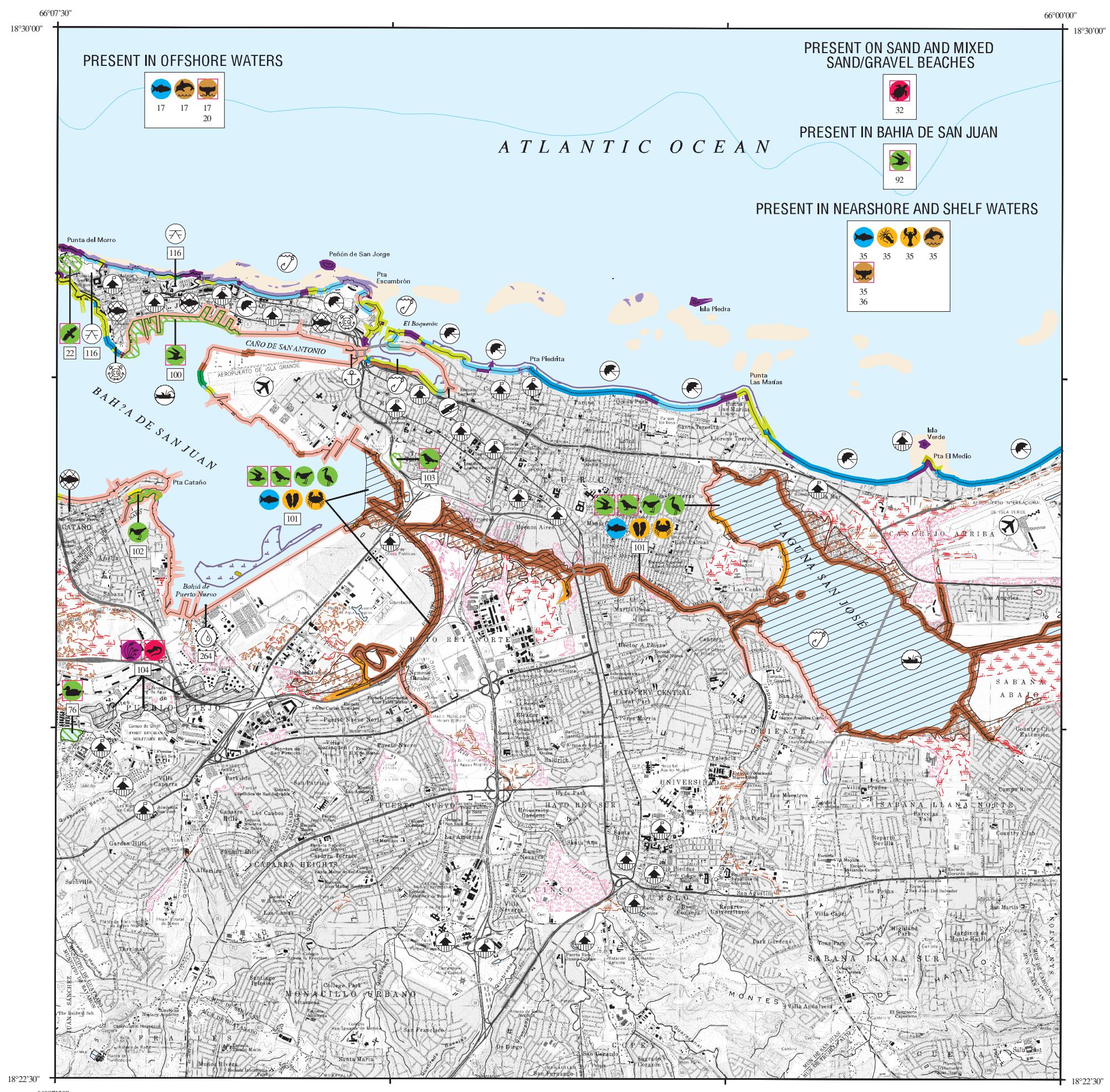


ENVIRONMENTAL SENSITIVITY INDEX MAP



PUERTO RICO - ESIMAP 12

BIOLOGICAL RESOURCES:

BIRD:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D Nesting
22 Peregrine falcon	S E	X X X X X X X X X X X X X X X X
76 Ruddy duck	S T	X X X X X X X X X X X X X X X X
92 Brown pelican	S/F E/E	X X X X X X X X X X X X X X X X
Gulls		X X X X X X X X X X X X X X X X
Terns		X X X X X X X X X X X X X X X X
100 Brown pelican	S/F E/E HIGH	X X X X X X X X X X X X X X X X
Seabirds		X X X X X X X X X X X X X X X X
101 Brown pelican	S/F E/E HIGH	X X 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 X X
Roseate tern	S/F E/T	X X X X X X X X X X X X X X X X
Royal tern	HIGH	X X X X X X X X X X X X X X X X
Sandwich tern	HIGH	X X X X X X X X X X X X X X X X
Shorebirds	HIGH	X X X X X X X X X X X X X X X X
Wading birds	HIGH	X X 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 X X MAR-SEP
102 Shorebirds	HIGH	X X X X X X X X X X X X X X X X
103 Yellow-shouldered blackbird	S/F E/E	X X 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
17 Pelagic fish		X X X X X X X X X X X X X X X X JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
35 Pelagic fish		X X 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 X X JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
101 Nursery fish		X X 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 X X APR-FEB	APR-FEB	JAN-DEC	JAN-DEC
Tarpon		X X X X X X X X X X X X X X X X MAY-DEC	-	MAY-DEC	JAN-DEC

PLANT:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D
104 Ottoschulzia rhodoxylon	S/F E/E	X X 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
35 Caribbean spiny lobster		X X 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 X X DEC-MAR	DEC-APR	-	JAN-DEC
101 Blue crabs	HIGH	X X X X X X X X X X X X X X X X - - -	- - -	JAN-DEC	JAN-DEC
Blue land crab		X X X X X X X X X X X X X X X X JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC
Quahog (hard clam)		X X X X X X X X X X X X X X X X - - -	- - -	-	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
17 Dolphins		X X 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 X X - -	- -
20 Sperm whale	S/F E/E HIGH	X X X X X X X X X X X X X X X X - -	- -
35 Dolphins		X X 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 X X - -	- -
36 Humpback whale	S/F E/E VERY HIGH	X X X X X X X X X X X X X X X X X X	- - -

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 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 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 X X FEB-JUN	APR-SEP	-	APR-SEP	FEB-JUN
104 Puerto Rican boa	S/F E/E	X X X X X X X X X X X X X X X X - -	- -	- -	JAN-DEC	JAN-DEC

HUMAN USE RESOURCES:

NATIONAL PARK:

HUN# Name	Owner/Manager	Contact	Phone
116 SAN JUAN NATIONAL HISTORIC SITE	NPS	PARK MANAGER	787/729-6777

WATER INTAKE:

HUN# Name	Owner/Manager	Location	Phone
264 POWER PLANT	PREPA		

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.