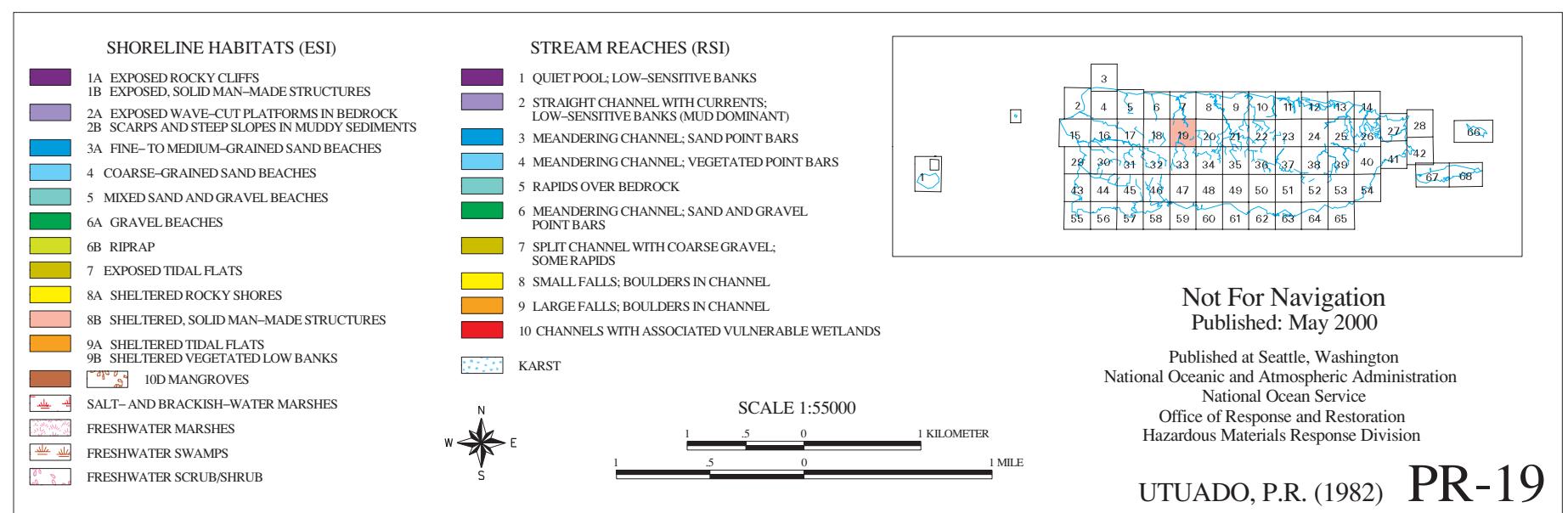
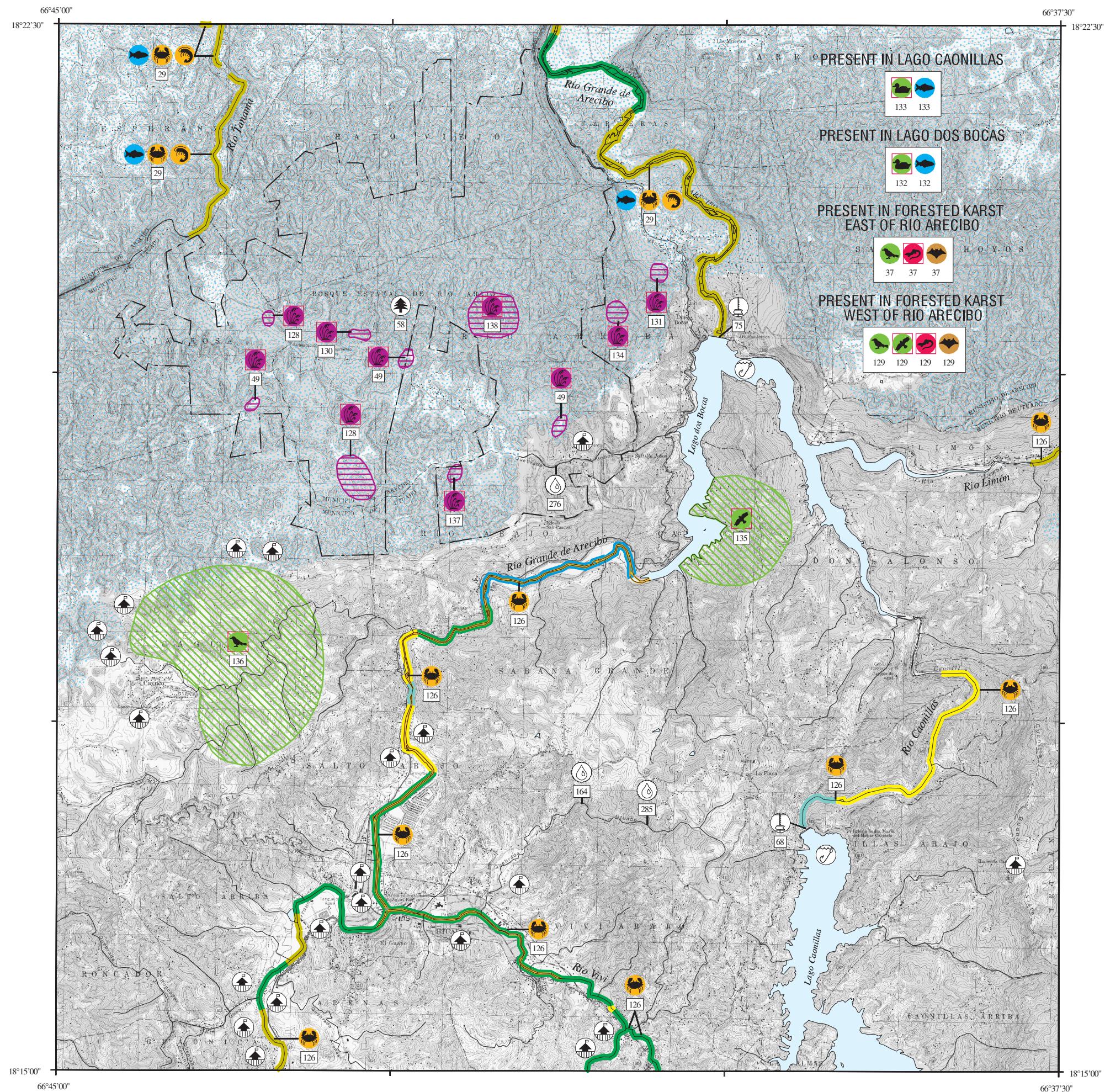


ENVIRONMENTAL SENSITIVITY INDEX MAP



PUERTO RICO - ESIMAP 19

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F T/E Conc.	J F M A M J J A S O N D Nesting
37	Passerine birds	HIGH	X X X X X X X X X X X X X X -
	Scaly-naped pigeon	HIGH	X X X X X X X X X X X X MAR-JUN
	White-crowned pigeon	HIGH	X X X X X X X X X X X X MAR-SEP
129	Passerine birds	HIGH	X X X X X X X X X X X X -
	Puerto Rican broad-winged hawk	S/F E/E	X X X X X X X X X X X X JAN-JUN
	Scaly-naped pigeon	HIGH	X X X X X X X X X X X X MAR-JUN
	White-crowned pigeon	HIGH	X X X X X X X X X X X X MAR-SEP
132	Common moorhen	HIGH	X X X X X X X X X X X X -
	Pied-billed grebe	HIGH	X X X X X X X X X X X X -
	Ruddy duck	S T	LOW X X X X X X X X X X X X -
133	Common moorhen	HIGH	X X X X X X X X X X X X -
	Pied-billed grebe	HIGH	X X X X X X X X X X X X -
	Ruddy duck	S T	LOW X X X X X X X X X X X X -
135	Puerto Rican broad-winged hawk	S/F E/E	X X X X X X X X X X X X JAN-JUN
136	Puerto Rican plain pigeon	S/F E/E	X X X X X X X X X X X X FEB-JUN

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
29	Native stream fish		X X X X X X X X X X X X APR-MAY AUG-NOV	APR-MAY AUG-NOV	JAN-DEC	JAN-DEC
132	Channel catfish		X X X X X X X X X X X X FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC
	Largemouth bass		X X X X X X X X X X X X FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC
	Redear sunfish		X X X X X X X X X X X X FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC
	Tilapia		X X X X X X X X X X X X FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC
	White catfish		X X X X X X X X X X X X DEC-JUL	DEC-JUL	JAN-DEC	JAN-DEC
133	Channel catfish		X X X X X X X X X X X X FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC
	Largemouth bass		X X X X X X X X X X X X FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC
	Redear sunfish		X X X X X X X X X X X X FEB-AUG	FEB-AUG	JAN-DEC	JAN-DEC
	Tilapia		X X X X X X X X X X X X DEC-JUL	DEC-JUL	JAN-DEC	JAN-DEC

PLANT:

RAR#	Species	S/F T/E Conc.	J F M A M J J A S O N D
49	Calyptrotroma rivalis	S/F T/T	X X X X X X X X X X X X
128	Cornutia obovata	S/F E/E	X X X X X X X X X X X X
130	Cornutia obovata	S/F E/E	X X X X X X X X X X X X
131	Tectaria estremerana	S/F E/E	X X X X X X X X X X X X
134	Solanum drymophilum	S/F E/E	X X X X X X X X X X X X
137	Pleodendron macranthum	S/F E/E	X X X X X X X X X X X X
138	Cornutia obovata	S/F E/E	X X X X X X X X X X X X
	Pleodendron macranthum	S/F E/E	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
29	Freshwater crab		X X X X X X X X X X X X APR-MAY AUG-NOV	APR-MAY AUG-NOV	-	JAN-DEC
	Native stream shrimp		X X X X X X X X X X X X APR-MAY AUG-NOV	APR-MAY AUG-NOV	JAN-DEC	JAN-DEC
126	Freshwater crab		X X X X X X X X X X X X APR-MAY AUG-NOV	APR-MAY AUG-NOV	-	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
37	Puerto Rican boa	S/F E/E	HIGH X X X X X X X X X X X X	-	-	JAN-DEC	JAN-DEC
129	Puerto Rican boa	S/F E/E	HIGH X X X X X X X X X X X X	-	-	JAN-DEC	JAN-DEC

TERRESTRIAL MAMMAL:

RAR#	Species	S/F T/E Conc.	J F M A M J J A S O N D
37	Bats	HIGH	X X X X X X X X X X X X
129	Bats	HIGH	X X X X X X X X X X X X

HUMAN USE RESOURCES:

FOREST:

HUN#	Name	Owner/Manager	Contact	Phone
58	BOSQUE RIO ABAJO	DRNA	DIVISION DE MANEJO BOSQUES ESTATALES	787/721-5495

LOCK AND DAM:

HUN#	Name	Owner/Manager	Contact	Phone
68	CAONILLAS DAM	PREPA	JOSE DUPREY	787/788-4888
75	DOS BOCAS DAM	PREPA	JOSE DUPREY	787/788-4888

WATER INTAKE:

HUN#	Name	Owner/Manager	Location	Phone
164	CERCADILLO CHLORINATION PLANT	PRASA		
276	RIO ARRIBA PACKAGE PLANT	PRASA		
285	SABANA GRANDE CHLORINATION PLANT	PRASA		

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.