



PHYSICAL-BIOTIC SUSCEPTIBILITY TO THE EFFECT OF 52 HUMAN INTERVENTIONS * and equivalent environmental licensing instrument									
LITTORAL CONFIG. #	LOW		MEDIUM			HIGH		VERY HIGH	
	Environmental viability		Simplified EIS			Robust EIS		Alternative Analysis	
02 - BBD - MBX	12EDF		10AHP	32GST	46BSP	05MOC	53SWD	14EMP	
	13MIL		11AHU	33UAG	54SME	09AHA		24MMN	
	23NAV		15MUP	35GRA	55WTP	16AHM		37DM	
	26GTP		17EDM	38EEH		19PUG		39MDS	
	31MAN		18PUC	41CAP		20SPS		40RDS	
	36TPC		22INA	42VFE		34GMR		48ROP	
	47CFP		29TYS	43CAP		49CYP		51BNS	
52DSP		30TSF	44CAP		50MUR				
05 - BLS - MBX	12EDF	42VFE	02UGM	16AHM	38EEH	05MOC	53SWD	14EMP	
	13MIL	47CFP	03IDO	17EDM	41CAP	09AHA		37DM	
	23NAV	52DSP	04LUC	18PUC	43CAP	19PUG		39MDS	
	26GTP	55WTP	07IFC	20SPS	44CAP	24MMN		40RDS	
	30TSF		08AHB	22INA	46BSP	48ROP			
	32GST		10AHP	29TYS	54SME	49CYP			
	33UAG		11AHU	34GMR		50MUR			
36TPC		15MUP	35GRA		51BNS				
06 - BVL - MBX	12EDF	42VFE	02UGM	16AHM	41CAP	05MOC	51BNS	14EMP	
	13MIL	47CFP	03IDO	17EDM	43CAP	09AHA	53SWD	37DM	
	23NAV	52DSP	04LUC	18PUC	44CAP	19PUG		39MDS	
	26GTP	55WTP	07IFC	22INA	46BSP	20SPS		40RDS	
	30TSF		08AHB	29TYS	54SME	24MMN			
	32GST		10AHP	34GMR		48ROP			
	33UAG		11AHU	35GRA		49CYP			
36TPC		15MUP	38EEH		50MUR				
07 - BFP - MBX	02UGM	32GST	03IDO	18PUC	46BSP	05MOC	53SWD	14EMP	
	08AHB	33UAG	04LUC	20SPS	54SME	09AHA		37DM	
	12EDF	36TPC	07IFC	22INA		19PUG		39MDS	
	13MIL	42VFE	10AHP	34GMR		24MMN		40RDS	
	23NAV	43CAP	11AHU	35GRA		48ROP			
	26GTP	47CFP	15MUP	38EEH		49CYP			
	29TYS	52DSP	16AHM	41CAP		50MUR			
30TSF	55WTP	17EDM	44CAP		51BNS				
08 - BVF - MBX	12EDF	42VFE	02UGM	16AHM	38EEH	05MOC		14EMP	
	13MIL	47CFP	03IDO	17EDM	41CAP	09AHA		37DM	
	23NAV	52DSP	04LUC	18PUC	43CAP	19PUG		39MDS	
	26GTP	55WTP	07IFC	20SPS	44CAP	24MMN		40RDS	
	30TSF		08AHB	22INA	46BSP	48ROP		51BNS	
	32GST		10AHP	29TYS	54SME	49CYP			
	33UAG		11AHU	34GMR		50MUR			
36TPC		15MUP	35GRA		53SWD				
09 - CTR - MBX	12EDF	43CAP	02UGM	16AHM	41CAP	05MOC	51BNS	37DM	
	13MIL	44CAP	03IDO	17EDM	46BSP	09AHA	53SWD	39MDS	
	23NAV	52DSP	04LUC	18PUC		14EMP		40RDS	
	30TSF	54SME	07IFC	20SPS		19PUG			
	33UAG	55WTP	08AHB	22INA		24MMN			
	35GRA		10AHP	29TYS		48ROP			
	36TPC		11AHU	34GMR		49CYP			
42VFE		15MUP	38EEH		50MUR				
11 - RLM - MBX	12EDF	47CFP	02UGM	16AHM	38EEH	05MOC	51BNS	14EMP	
	13MIL	52DSP	03IDO	17EDM	41CAP	09AHA	53SWD	37DM	
	23NAV	55WTP	04LUC	18PUC	43CAP	19PUG		39MDS	
	26GTP		07IFC	22INA	44CAP	20SPS		40RDS	
	32GST		08AHB	29TYS	46BSP	24MMN			
	33UAG		10AHP	30TSF	54SME	48ROP			
	36TPC		11AHU	34GMR		49CYP			
42VFE		15MUP	35GRA		50MUR				

* For the code meaning of human interventions, see the appendix V-C
For the code meaning of littoral configurations, see Map 01

Sources

- National Basic Cartography Scale 1: 100.000, 2012. IGAC
- Diagnosis of erosion in the coastal zone of the Colombian Caribbean, Geomorphology and sedimentary facies Scale 1:100.000, 2007. INVEMAR
- Continental, coastal and marine ecosystems of Colombia. DEAM, IGAC, IAvH, INVEMAR, SINCHI. 2007
- Guidelines of the management plan for the environmental coastal unit Mag-Dique Scale 1:25.000, 2013. Agreement 221 CARDIQUE-INVEMAR
- Geomorphologic atlas of the Colombian Caribbean littoral Scale 1:50.000, 2010. DIMAR
- Geomorphologic map ANDEN CARIBE. Project GEO09-02 Scale 1:25.000, 2010. INGEOMINAS
- Nautical Chart COL 407 Scale 1:100.000, 1999. CIOH
- Nautical Charts COL 408 Scale 1:100.000, 1999. CIOH

Note: Any inconsistency in the cartographic overlay corresponds to scale differences of the sources

NATURAL SUSCEPTIBILITY TO THE EFFECT OF COASTAL INTERVENTIONS FOR THE ENVIRONMENTAL LICENSING PROCEDURE

NOVEMBER 2018

MAP 5

SECTOR BOCAS DE CENIZA

0 0,75 1,5 3 4,5 6 Km

Scale 1:100.000

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Vigilada Mineducación

Caribbean Sea

Pacific Ocean

ATLANTICO

BOLIVAR

SUCRE

MAGDALENA

Environmental Coastal Unit "Magdalena River - Canal del Dique complex - Ciénaga Grande de Santa Marta lagoon system" (ECU Mag-Dique)

DATUM: Magna Sirgas Projected Magna Colombia Bogota

Rivers

Lagoons/Swamps

Populated centers

Administrative limits

~ -30 m

Littoral Configurations

Emerged Subunit

Submerged Subunit