

PHYSICAL-BIOTIC SUSCEPTIBILITY TO THE EFFECT OF
52 HUMAN INTERVENTIONS *
and
equivalent environmental licensing instrument

LITTORAL CONFIG. #	LOW Environmental viability	MEDIUM Simplified EIS	HIGH Robust EIS	VERY HIGH Alternative Analysis
02 - BBD - MBX	12EDF 13MIL 23NAV 26GTP 31MAN 36TPC 47CFP 52DSP	10AHP 11AHU 15MUP 17EDM 18PUC 22INA 29TYS 30TSF	32GST 33UAG 35GRA 38EEH 41CAP 42VFE 43CAP 44CAP	05MOC 09AHA 16AHM 19PUG 20SPS 34GMR 49CYP 50MUR
04 - BCT - MBX	12EDF 13MIL 23NAV 26GTP 31MAN 32GST 36TPC 47CFP	02UGM 03IDO 04LUC 07IFC 08AHB 10AHP 11AHU 15MUP	17EDM 18PUC 22INA 29TYS 30TSF 33UAG 34GMR 35GRA	38EEH 41CAP 42VFE 43CAP 44CAP 46BSP 49CYP 53SWD
06 - BVL - MBX	12EDF 13MIL 23NAV 26GTP 30TSF 32GST 33UAG 36TPC	02UGM 08AHB 12EDF 13MIL 23NAV 26GTP 30TSF 32GST	16AHM 20SPS 22INA 29TYS 34GMR 35GRA 38EEH	41CAP 46BSP 54SME
07 - BFP - MBX	02UGM 08AHB 12EDF 13MIL 23NAV 26GTP 29TYS 30TSF	32GST 33UAG 36TPC 42VFE 43CAP 47CFP 52DSP 55WTP	10AHP 11AHU 15MUP 16AHM 17EDM 18PUC 22INA 29TYS 30TSF	46BSP 54SME
08 - BVF - MBX	12EDF 13MIL 23NAV 26GTP 30TSF 32GST 33UAG 36TPC	02UGM 03IDO 04LUC 07IFC 08AHB 10AHP 11AHU 15MUP	16AHM 17EDM 18PUC 22INA 29TYS 30TSF 34GMR 35GRA	38EEH 41CAP 43CAP 44CAP 46BSP 54SME
11 - RLM - MBX	12EDF 13MIL 23NAV 26GTP 32GST 33UAG 36TPC 42VFE	02UGM 03IDO 04LUC 07IFC 08AHB 10AHP 11AHU 15MUP	16AHM 17EDM 18PUC 22INA 29TYS 30TSF 34GMR 35GRA	41CAP 43CAP 44CAP 46BSP 54SME
17 - BVL - SBX	12EDF 13MIL 23NAV 26GTP 32GST 33UAG 36TPC 42VFE	02UGM 03IDO 04LUC 07IFC 08AHB 10AHP 11AHU 15MUP	16AHM 17EDM 18PUC 22INA 29TYS 30TSF 34GMR 35GRA	41CAP 43CAP 44CAP 46BSP 54SME
21 - CTN - SBX	13MIL 23NAV 26GTP 32GST 33UAG 36TPC 42VFE 43CAP	02UGM 03IDO 04LUC 07IFC 08AHB 10AHP 11AHU 15MUP	15MUP 16AHM 17EDM 18PUC 22INA 29TYS 30TSF 34GMR 35GRA	34GMR 35GRA 41CAP 44CAP 46BSP 54SME

LITTORAL CONFIG. #	LOW Environmental viability	MEDIUM Simplified EIS	HIGH Robust EIS	VERY HIGH Alternative Analysis
70 - BCT - SOB	12EDF 13MIL 23NAV 26GTP 31MAN 32GST 36TPC 47CFP	02UGM 03IDO 04LUC 07IFC 08AHB 10AHP 11AHU 15MUP	29TYS 30TSF 33UAG 35GRA 41CAP 42VFE 43CAP 44CAP	46BSP 52DSP 54SME 55WTP
74 - BVF - SOB	12EDF 13MIL 23NAV 26GTP 36TPC 42VFE 47CFP 52DSP	02UGM 03IDO 04LUC 07IFC 08AHB 10AHP 11AHU 15MUP	17EDM 18PUC 22INA 29TYS 30TSF 32GST 33UAG 34GMR	35GRA 38EEH 41CAP 43CAP 44CAP 46BSP 54SME
77 - RLM - SOB	12EDF 13MIL 23NAV 26GTP 36TPC 42VFE	02UGM 03IDO 04LUC 08AHB 10AHP 11AHU 18PUC	22INA 29TYS 30TSF 32GST 33UAG 35GRA 43CAP	44CAP 46BSP 52DSP 54SME 55WTP

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

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

NOVEMBER 2018

MAP 9

SECTOR
PUNTA CANOAS

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

Scale 1:100.000

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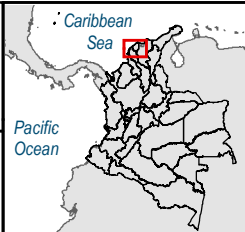
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Environmental Coastal Unit "Magdalena River - Canal del Dique
complex - Ciénaga Grande de Santa Marta lagoon system"
(ECU Mag-Dique)

DATUM: Magna Sirgas

Projected Magna Colombia Bogota

LEGEND

- Rivers
- Lagoons/Swamps
- Populated centers
- Administrative limits
- ~ -30 m

Littoral Configurations

- Emerged Subunit
- Submerged Subunit

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