

Importance levels

Irrelevant

Low

Medium

High

Determinant

		n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
j	COASTAL CONFIGURATION (geomorphological)	PROCESSES	GEOLOGIC							GEOCHEMICAL		CLIMATIC			HYDRODYNAMIC			EOLIC		BIOGENIC			
			Subsidence by sediment compaction	Vertical movements associated to diapirism	Earth movements by neotectonics	Physical weathering by structural controls	Littoral mass movements	Erosion in the drainage basin (sediment inputs)	Sediment sinking by geomorphologic configuration	Water table changes	Chemical formation of sediments	Chemical weathering	Eustatic sea level changes	Semi-periodic sea level changes	Extreme meteorological events	Drainage in the basin by weather events	Littoral erosion	Sediment transport	Littoral deposition	Wave generation by wind	Sediment transport and deposition by wind	Biogenic sediment production	Biogenic sediment fixation
1 - NBX - MBX	Muddy bottoms	Naked beach	77,50	74,38	68,63	16,38	51,00	78,63	70,13	59,38	74,33	55,17	66,83	65,17	74,00	90,83	80,83	89,17	80,50	88,00	58,33	68,00	59,00
2 - BBD - MBX		Beach & bare dunes	77,50	74,38	68,63	16,38	51,00	78,63	70,13	59,38	74,50	55,33	67,33	65,67	73,50	90,33	79,17	89,17	82,17	86,83	66,67	68,17	70,00
3 - BVD - MBX		Beach & vegetated dunes	77,50	74,38	68,63	16,38	51,00	78,63	70,13	63,13	74,00	54,83	66,67	65,00	73,83	90,67	78,83	89,17	82,50	87,00	66,67	67,67	70,00
4 - BCT - MBX		Beach & cliff/terrace	63,00	72,75	71,63	37,00	67,63	72,00	53,38	52,75	73,83	66,67	69,67	68,00	71,33	88,17	80,83	89,17	76,50	88,67	53,33	72,33	56,83
5 - BLS - MBX		Beach & lagoon/swamps	79,13	70,13	68,88	17,88	41,25	78,63	75,38	64,50	74,67	55,33	66,50	64,83	64,00	80,83	73,67	89,17	83,33	83,17	61,33	67,50	60,50
6 - BVL - MBX		Beach & vegetated lagoon/swamps	78,88	70,13	68,88	17,88	41,25	78,63	75,38	64,50	74,17	54,67	67,00	65,33	63,50	80,33	73,50	89,17	83,33	82,83	59,83	67,83	70,00
7 - BFP - MBX		Beach & floodplain	73,00	72,00	65,88	17,75	43,00	73,13	73,63	59,63	74,00	55,00	63,50	61,83	63,67	80,50	74,00	89,17	83,33	83,33	53,33	67,67	59,00
8 - BVF - MBX		Beach & vegetated floodplain	73,00	72,00	65,88	17,75	43,00	73,13	73,63	63,38	73,83	54,83	63,83	62,17	63,83	80,67	74,17	89,17	83,33	92,67	53,17	67,50	70,00
9 - CTR - MBX		Cliff/terrace of resistant rock	46,88	70,38	80,38	76,88	73,88	62,50	49,50	49,88	60,00	83,33	69,17	44,17	39,33	62,83	80,83	55,83	50,00	85,50	16,67	70,33	64,50
10 - CTN - MBX		Cliff/terrace of Non-resistant rock	49,38	70,38	80,38	76,88	73,88	62,50	49,50	49,88	59,17	83,33	69,50	44,50	39,00	62,50	80,83	55,83	50,00	90,67	16,67	69,50	65,33
11 - RLM - MBX		River/lagoon mouth	74,88	72,38	68,00	16,38	52,13	78,25	75,75	55,13	70,50	51,33	69,33	67,67	60,67	90,67	72,50	89,17	75,00	94,17	53,00	64,17	59,00
12 - NBX - SBX	Sandy bottoms	Naked beach	75,75	73,88	69,50	19,75	59,50	77,63	69,63	62,75	68,33	55,17	66,83	65,17	82,17	92,50	82,83	89,67	76,50	91,67	58,33	34,33	25,67
13 - BBD - SBX		Beach & bare dunes	75,75	73,88	69,50	19,75	59,50	77,63	69,63	62,75	68,50	55,33	67,33	65,67	81,67	92,00	81,17	89,67	78,17	90,50	66,67	34,50	36,67
14 - BVD - SBX		Beach & vegetated dunes	75,75	73,88	69,50	19,75	59,50	77,63	69,63	66,50	68,00	54,83	66,67	65,00	82,00	92,33	80,83	89,67	78,50	90,67	66,67	47,33	53,33
15 - BCT - SBX		Beach & cliff/terrace	51,50	72,25	72,50	67,13	76,13	64,75	52,88	56,13	67,83	66,67	69,67	68,00	79,50	89,83	82,83	89,67	72,50	92,33	53,33	38,67	23,50
16 - BLS - SBX		Beach & lagoon/swamps	77,13	69,63	69,75	21,25	49,75	77,63	74,88	67,88	68,67	55,33	66,50	64,83	72,17	82,50	75,67	89,67	79,33	86,83	61,33	47,17	43,83
17 - BVL - SBX		Beach & vegetated lagoon/swamps	77,13	69,63	69,75	21,25	49,75	77,63	74,88	67,88	68,17	54,67	67,00	65,33	71,67	82,00	75,50	89,67	79,33	86,50	59,83	50,83	53,33
18 - BFP - SBX		Beach & floodplain	71,25	71,50	66,75	21,13	51,50	72,13	73,13	63,00	68,00	55,00	63,50	61,83	71,83	82,17	76,00	89,67	79,33	87,00	53,33	47,33	32,33
19 - BVF - SBX		Beach & vegetated floodplain	71,25	71,50	66,75	21,13	51,50	72,13	73,13	66,75	67,83	54,83	63,83	62,17	72,00	82,33	76,17	89,67	79,33	96,33	53,17	47,17	53,33
20 - CTR - SBX		Cliff/terrace of resistant rock	45,13	69,88	81,25	80,25	82,38	61,50	49,00	53,25	54,00	83,33	69,17	44,17	54,17	64,50	82,83	56,33	46,00	89,17	16,67	36,67	31,83
21 - CTN - SBX		Cliff/terrace of Non-resistant rock	53,88	69,88	81,25	80,25	87,38	61,50	49,00	53,25	53,17	83,33	69,50	44,50	53,83	64,17	82,83	56,33	46,00	94,33	16,67	35,83	32,00
22 - RLM - SBX		River/lagoon mouth	73,13	71,88	68,88	19,75	60,63	77,25	75,25	58,50	64,50	51,33	69,33	67,67	68,83	92,33	74,50	89,67	71,00	97,83	53,00	43,83	32,33

j	n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
23 - NBX - SBV	Sandy bottoms with biogenic coverage	Naked beach	75,50	73,88	78,25	19,75	60,75	90,13	72,13	69,00	66,67	55,17	66,83	65,17	79,83	83,83	81,33	89,33	75,33	89,83	58,33	66,67	75,67
24 - BBD - SBV		Beach & bare dunes	75,75	76,38	78,25	19,75	60,75	90,13	72,13	69,00	66,83	55,33	67,33	65,67	79,33	83,33	79,67	89,33	77,00	88,67	66,67	66,83	86,67
25 - BVD - SBV		Beach & vegetated dunes	75,75	76,38	78,25	19,75	60,75	90,13	72,13	69,00	66,33	54,83	66,67	65,00	79,67	83,67	79,33	89,33	77,33	88,83	66,67	66,33	86,67
26 - BCT - SBV		Beach & cliff/terrace	38,75	73,50	81,25	55,38	82,38	78,50	60,38	58,63	66,17	66,67	69,67	68,00	77,17	81,17	81,33	89,33	71,33	90,50	53,33	71,00	73,50
27 - BLS - SBV		Beach & lagoon/swamps	77,13	72,13	78,50	21,25	51,00	90,13	77,38	70,38	67,00	55,33	66,50	64,83	69,83	73,83	74,17	89,33	78,17	85,00	61,33	66,17	77,17
28 - BVL - SBV		Beach & vegetated lagoon/swamps	77,13	72,13	78,50	21,25	51,00	90,13	77,38	70,38	66,50	54,67	67,00	65,33	69,33	73,33	74,00	89,33	78,17	84,67	59,83	66,50	86,67
29 - BFP - SBV		Beach & floodplain	71,25	74,00	75,50	21,13	52,75	84,63	75,63	69,25	66,33	55,00	63,50	61,83	69,50	73,50	74,50	89,33	78,17	85,17	53,33	66,33	75,67
30 - BVF - SBV		Beach & vegetated floodplain	71,25	74,00	75,50	21,13	52,75	84,63	75,63	69,25	66,17	54,83	63,83	62,17	69,67	73,67	74,67	89,33	78,17	94,50	53,17	66,17	86,67
31 - CTR - SBV		Cliff/terrace of resistant rock	32,63	71,13	85,00	80,25	86,13	75,25	56,50	55,75	52,33	83,33	69,17	44,17	51,83	55,83	81,33	56,00	44,83	87,33	16,67	69,00	81,17
32 - CTN - SBV		Cliff/terrace of Non-resistant rock	35,38	71,13	85,00	80,25	86,13	75,25	56,50	55,75	51,50	83,33	69,50	44,50	51,50	55,50	81,33	56,00	44,83	92,50	16,67	68,17	82,00
33 - RLM - SBV		River/lagoon mouth	73,13	74,38	77,63	19,75	61,88	84,75	77,75	61,00	62,83	51,33	69,33	67,67	66,50	83,67	73,00	89,33	69,83	96,00	53,00	62,83	75,67
34 - NBX - HBR	Hard bottoms of bare rock	Naked beach	52,13	71,50	79,63	30,25	58,88	60,25	30,25	53,25	38,67	71,33	66,83	65,17	69,50	77,00	90,00	78,33	63,83	75,83	58,33	36,50	25,67
35 - BBD - HBR		Beach & bare dunes	52,13	71,50	79,63	30,25	58,88	60,25	30,25	53,25	38,83	71,50	67,33	65,67	69,00	76,50	88,33	78,33	65,50	74,67	66,67	36,67	36,67
36 - BVD - HBR		Beach & vegetated dunes	52,13	71,50	79,63	30,25	56,38	60,25	30,25	57,00	38,33	71,00	66,67	65,00	69,33	76,83	88,00	78,33	65,83	74,83	66,67	39,50	53,33
37 - BCT - HBR		Beach & cliff/terrace	32,63	67,38	83,88	62,63	71,75	47,38	21,00	46,63	38,17	82,83	69,67	68,00	66,83	74,33	90,00	78,33	59,83	76,50	53,33	40,83	23,50
38 - BLS - HBR		Beach & lagoon/swamps	53,50	67,25	81,13	31,75	46,63	60,25	35,50	58,38	39,00	71,50	66,50	64,83	59,50	67,00	82,83	78,33	66,67	71,00	61,33	39,33	33,83
39 - BVL - HBR		Beach & vegetated lagoon/swamps	53,50	67,25	81,13	31,75	46,63	60,25	35,50	58,38	38,50	70,83	67,00	65,33	59,00	66,50	82,67	78,33	66,67	70,67	59,83	39,67	70,00
40 - BFP - HBR		Beach & floodplain	47,63	69,13	78,13	31,63	48,38	54,75	33,75	53,50	38,33	71,17	63,50	61,83	59,17	66,67	83,17	78,33	66,67	71,17	53,33	39,50	42,33
41 - BVF - HBR		Beach & vegetated floodplain	47,63	69,13	78,13	31,63	48,38	54,75	33,75	57,25	38,17	71,00	63,83	62,17	59,33	66,83	83,33	78,33	66,67	80,50	53,17	39,33	70,00
42 - CTR - HBR		Cliff/terrace of resistant rock	10,25	65,00	86,38	82,00	74,25	40,38	17,13	43,75	24,33	99,50	69,17	44,17	41,50	49,00	90,00	45,00	16,67	73,33	16,67	38,83	31,17
43 - CTN - HBR		Cliff/terrace of Non-resistant rock	11,50	65,00	86,38	82,00	74,25	40,38	17,13	43,75	23,50	99,50	69,50	44,50	41,17	48,67	90,00	45,00	16,67	78,50	16,67	38,00	32,00
44 - RLM - HBR		River/lagoon mouth	49,50	69,50	80,25	30,25	57,50	59,88	35,88	47,75	34,83	67,50	69,33	67,67	56,17	76,83	81,67	78,33	58,33	82,00	53,00	36,00	32,33
45 - NBX - HAB	Hard bottoms with active biogenic cover	Naked beach	55,75	79,25	82,13	26,50	62,63	79,00	42,75	59,50	38,67	69,83	74,17	65,17	82,50	78,83	89,17	79,83	64,67	77,50	58,33	75,33	75,67
46 - BBD - HAB		Beach & bare dunes	55,75	79,25	82,13	26,50	62,63	79,00	42,75	59,50	38,83	70,00	74,67	65,67	82,00	78,33	87,50	79,83	66,33	76,33	66,67	75,50	86,67
47 - BVD - HAB		Beach & vegetated dunes	55,75	79,25	82,13	26,50	62,63	79,00	42,75	59,50	38,33	69,50	74,00	65,00	82,33	78,67	87,17	79,83	66,67	76,50	66,67	75,00	86,67
48 - BCT - HAB		Beach & cliff/terrace	36,25	75,13	85,13	69,13	71,75	66,13	33,50	49,13	38,17	81,33	77,00	68,00	79,83	76,17	89,17	79,83	60,67	78,17	53,33	79,67	73,50
49 - BLS - HAB		Beach & lagoon/swamps	57,13	75,00	82,38	28,00	52,88	79,00	48,00	60,88	39,00	70,00	73,83	64,83	72,50	68,83	82,00	79,83	67,50	72,67	61,33	74,83	77,17
50 - BVL - HAB		Beach & vegetated lagoon/swamps	56,88	75,00	82,38	28,00	52,88	79,00	48,00	60,88	38,50	69,33	74,33	65,33	72,00	68,33	81,83	79,83	67,50	72,33	59,83	75,17	86,67
51 - BFP - HAB		Beach & floodplain	51,25	76,88	78,13	27,88	54,63	73,50	46,25	59,75	38,33	69,67	70,83	61,83	72,17	68,50	82,33	79,83	67,50	72,83	53,33	75,00	75,67
52 - BVF - HAB		Beach & vegetated floodplain	51,25	76,88	78,13	27,88	54,63	73,50	46,25	59,75	38,17	69,50	71,17	62,17	72,33	68,67	82,50	79,83	67,50	82,17	53,17	74,83	86,67
53 - CTR - HAB		Cliff/terrace of resistant rock	12,88	72,75	87,63	84,50	84,25	62,88	29,63	46,25	24,33	98,00	76,50	44,17	54,50	50,83	89,17	29,83	17,50	75,00	16,67	77,67	81,17
54 - CTN - HAB		Cliff/terrace of Non-resistant rock	12,88	72,75	87,63	84,50	84,25	62,88	29,63	46,25	23,50	98,00	76,83	44,50	54,17	50,50	89,17	29,83	17,50	80,17	16,67	76,83	82,00
55 - RLM - HAB		River/lagoon mouth	53,13	77,25	80,25	36,50	63,75	78,63	48,38	51,50	34,83	66,00	76,67	67,67	69,17	78,67	80,83	79,83	59,17	83,67	53,00	71,50	75,67

<i>j</i>	<i>n</i>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
56 - NBX - HBO	Hard bottoms of biogenic origin	Naked beach	57,25	81,88	80,88	36,50	62,63	79,00	42,75	59,50	38,67	71,00	75,50	65,17	76,50	80,00	88,17	80,33	65,33	77,33	58,33	73,50	73,67
57 - BBD - HBO		Beach & bare dunes	57,25	81,88	80,88	36,50	62,63	79,00	42,75	59,50	38,83	71,17	76,00	65,67	76,00	79,50	86,50	80,33	67,00	76,17	66,67	73,67	84,67
58 - BVD - HBO		Beach & vegetated dunes	57,25	81,88	80,88	36,50	62,63	79,00	42,75	59,50	38,33	70,67	75,33	65,00	76,33	79,83	86,17	80,33	67,33	76,33	66,67	73,17	84,67
59 - BCT - HBO		Beach & cliff/terrace	56,50	77,75	83,88	68,88	84,25	66,13	33,50	49,13	38,17	82,50	78,33	68,00	73,83	77,33	88,17	80,33	61,33	78,00	53,33	77,83	71,50
60 - BLS - HBO		Beach & lagoon/swamps	58,63	77,63	81,13	38,00	52,88	79,00	48,00	60,88	39,00	71,17	75,17	64,83	66,50	70,00	81,00	80,33	68,17	72,50	61,33	73,00	75,17
61 - BVL - HBO		Beach & vegetated lagoon/swamps	58,63	77,63	81,13	38,00	52,88	79,00	48,00	60,88	38,50	70,50	75,67	65,33	66,00	69,50	80,83	80,33	68,17	72,17	59,83	73,33	84,67
62 - BFP - HBO		Beach & floodplain	52,75	79,50	78,13	37,88	54,63	73,50	46,25	59,75	38,33	70,83	72,17	61,83	66,17	69,67	81,33	80,33	68,17	72,67	53,33	73,17	73,67
63 - BVF - HBO		Beach & vegetated floodplain	52,75	79,50	78,13	37,88	54,63	73,50	46,25	59,75	38,17	70,67	72,50	62,17	66,33	69,83	81,50	80,33	68,17	82,00	53,17	73,00	84,67
64 - CTR - HBO		Cliff/terrace of resistant rock	14,38	76,63	87,63	85,75	84,25	62,88	29,63	43,75	24,33	99,17	77,83	44,17	48,50	52,00	88,17	30,33	18,17	74,83	16,67	75,83	79,17
65 - CTN - HBO		Cliff/terrace of Non-resistant rock	15,38	76,63	87,63	85,75	84,25	62,88	29,63	43,75	23,50	99,17	78,17	44,50	48,17	51,67	88,17	30,33	18,17	80,00	16,67	75,00	80,00
66 - RLM - HBO	River/lagoon mouth	54,63	79,88	80,25	36,50	63,75	78,63	48,38	51,50	34,83	67,17	78,00	67,67	63,17	79,83	79,83	80,33	59,83	83,50	53,00	69,67	73,67	
67 - NBX - SOB	Sandy offshore bars (e.g. sandy lows)	Naked beach	68,25	81,25	69,50	19,75	59,50	77,63	69,63	62,75	70,00	55,17	66,83	65,17	84,00	93,17	84,00	92,67	80,00	89,67	58,33	34,33	32,83
68 - BBD - SOB		Beach & bare dunes	68,25	81,25	69,50	19,75	59,50	77,63	69,63	62,75	70,17	55,33	67,33	65,67	83,50	92,67	82,33	92,67	81,67	88,50	66,67	34,50	43,83
69 - BVD - SOB		Beach & vegetated dunes	68,25	81,25	69,50	19,75	59,50	77,63	69,63	66,50	69,67	54,83	66,67	65,00	83,83	93,00	82,00	92,67	82,00	88,67	66,67	37,33	77,17
70 - BCT - SOB		Beach & cliff/terrace	31,25	78,38	72,50	64,63	69,88	64,75	54,13	56,13	69,50	66,67	69,67	68,00	81,33	90,50	84,00	92,67	76,00	90,33	53,33	38,67	30,67
71 - BLS - SOB		Beach & lagoon/swamps	69,63	77,00	69,75	21,25	51,00	77,63	74,88	67,88	70,33	55,33	66,50	64,83	74,00	83,17	76,83	92,67	82,83	84,83	61,33	33,83	41,00
72 - BVL - SOB		Beach & vegetated lagoon/swamps	69,63	77,00	69,75	21,25	51,00	77,63	74,88	70,38	69,83	54,67	67,00	65,33	73,50	82,67	76,67	92,67	82,83	84,50	59,83	37,50	77,17
73 - BFP - SOB		Beach & floodplain	63,75	78,88	66,75	21,13	52,75	72,13	73,13	63,00	69,67	55,00	63,50	61,83	73,67	82,83	77,17	92,67	82,83	85,00	53,33	37,33	39,50
74 - BVF - SOB		Beach & vegetated floodplain	63,75	78,88	66,75	21,13	52,75	72,13	73,13	69,25	69,50	54,83	63,83	62,17	73,83	83,00	77,33	92,67	82,83	94,33	53,17	37,17	77,17
75 - CTR - SOB		Cliff/terrace of resistant rock	23,88	77,25	83,75	77,75	82,38	61,50	50,25	53,25	55,67	66,67	69,17	44,17	56,00	65,17	84,00	59,33	66,17	87,17	16,67	36,67	38,33
76 - CTN - SOB		Cliff/terrace of Non-resistant rock	23,88	77,25	83,75	77,75	82,38	61,50	50,25	53,25	54,83	66,67	69,50	44,50	55,67	64,83	84,00	59,33	66,17	92,33	16,67	35,83	39,17
77 - RLM - SOB	River/lagoon mouth	65,63	79,25	68,88	19,75	61,88	77,25	75,25	54,75	66,17	51,33	69,33	67,67	70,67	93,00	75,67	92,67	74,50	95,83	53,00	33,83	32,83	
78 - NBX - ROB	Rocky offshore bars (e.g. stacks)	Naked beach	49,50	75,38	77,13	24,00	56,38	60,25	60,00	55,75	38,67	71,83	66,83	65,17	69,50	77,00	89,33	89,17	73,67	76,83	58,33	36,50	28,17
79 - BBD - ROB		Beach & bare dunes	49,50	75,38	77,13	36,50	56,38	60,25	60,00	55,75	38,83	72,00	67,33	65,67	69,00	76,50	87,67	89,17	75,33	75,67	66,67	36,67	39,17
80 - BVD - ROB		Beach & vegetated dunes	49,50	75,38	77,13	36,50	56,38	60,25	60,00	59,50	38,33	71,50	66,67	65,00	69,33	76,83	87,33	89,17	75,67	75,83	66,67	39,50	72,50
81 - BCT - ROB		Beach & cliff/terrace	25,00	72,50	83,88	68,88	68,00	43,63	19,50	49,13	38,17	83,33	69,67	68,00	66,83	74,33	89,33	89,17	69,67	77,50	53,33	40,83	26,00
82 - BLS - ROB		Beach & lagoon/swamps	50,88	71,13	77,38	38,00	46,63	60,25	40,25	60,88	39,00	72,00	66,50	64,83	59,50	67,00	82,17	89,17	76,50	72,00	61,33	39,33	29,67
83 - BVL - ROB		Beach & vegetated lagoon/swamps	50,88	71,13	77,38	38,00	46,63	60,25	40,25	60,88	38,50	71,33	67,00	65,33	59,00	66,50	82,00	89,17	76,50	71,67	59,83	39,67	72,50
84 - BFP - ROB		Beach & floodplain	45,00	73,00	74,38	37,88	48,38	54,75	38,50	56,00	38,33	71,67	63,50	61,83	59,17	66,67	82,50	89,17	76,50	72,17	53,33	39,50	34,83
85 - BVF - ROB		Beach & vegetated floodplain	45,00	73,00	74,38	37,88	48,38	54,75	38,50	59,75	38,17	71,50	63,83	62,17	59,33	66,83	82,67	89,17	76,50	81,50	53,17	39,33	72,50
86 - CTR - ROB		Cliff/terrace of resistant rock	12,88	70,13	86,38	85,75	74,25	40,38	15,63	46,25	24,33	100,00	69,17	44,17	41,50	49,00	89,33	39,17	26,50	74,33	16,67	38,83	33,67
87 - CTN - ROB		Cliff/terrace of Non-resistant rock	12,88	70,13	86,38	85,75	74,25	40,38	15,63	46,25	23,50	100,00	69,50	44,50	41,17	48,67	89,33	39,17	26,50	79,50	16,67	38,00	34,50