Table 2 - Coastal Protection Factors
Source: developed by the Institute of Marine Affairs (IMA)

		Level	Level Of Coastal Prot	I Protection	
Factor	Very High 4	High 3	Medium 2	Low 1	None 0
Coastal Geomorphology	Rocky, Cliffed Coastline	Soft (Limestone) Cliffs or Low Bluffs	Mangroves	Beaches	N/A
Coastal Geology	Igneous and/or Volcanic	Metamorphic	Sedimentary	Unconsolidated Sediments	N/A
Coastal Protection Structures	Protected by 2 prominent headlands and breakwater	Protected by 2 prominent headlands	Seawalls, Riprap or Breakwaters	Protected by one or two small headlands	No protection by headlands
Wave Energy (~ Max. Wave Height [cm])	< 20	20 – 40	40 – 60	>60	N/A
Coral Reef Index (sum of 3 factors / 10 *4) Reef Type Reef Distribution Reef Distance (m)	Barrier Not applicable (N/A) < 250	Patch N/A 250 - 500	Fringe Continuous 500 - 1000	Apron Discontinuous > 1000	No reef present No reef present No reef present
Storm/Hurricane Events	Affected by 1-5 Tropical Storms every 10 years	Affected by at least 5 Trop. Storms every 10 years	Affected by at least a Category 1 every 25 years	Affected by at least a Category 3 every 25 years	N/A
Coastal Elevation (m)	> 12	5 – 12	1-5	0-1	< 0 (N/A) **
Coastal Slope (%)	6.2 – 9.7	2.6-6.2	1.1 – 2.6	0.4 – 1.1	N/A
Coastal Vegetation Index (average of 2 factors) Type Distribution	Mangroves > 75 % length of coastline	Coastal Woodlands 50% - 75 % of length	Thicket 25% - 50 % of length	Runners < 25% length of coastline	None No Vegetation
Coastal Anthropogenic Activities	No sand mining, coastal development, etc.	Misc. Other Activities	Either sand mining or coastal development	Sand mining and coastal development	N/A

Total	Urban	Cropland	lce/rock	Tundra	Desert	Lakes/rivers	Swamps/ floodplains	Tidal marsh/ mangroves	Wetlands	Grass/rangelands	Temperate/boreal	Tropical	Forest	Terrestrial	Shelf	Coral reefs	Seagrass/ algae beds	Estuaries	Coastal	Open ocean	Marine		Biome	
51,625	332	1,400	1,640	743	1,925	200	165	165	330	3,898	2,955	1,900	4,855	15,323	2,660	62	200	180	3,102	33,200	36,302		Area (ha × 10°)	
1,341							265		133	7										38		regulation	Gas	
684										0	88	223	<b>4</b>									regulation	2 Climate	
1,779							7,240	1,839	4,539			σı	2			2,750		567	88			regulation	3 Disturbance	
1,115						5,446	30		5	3	0	6	2									regulation	4 Water	
1,692						2,117	7,600		3,800			00	ω										5 Water	
576										29		245	96									:	6 Erosion	
53										_	10	10	10									formation	Soil	
17,075												922	361		ī. <b>4</b> 31		19,002	21,100	3,677	118			8 Nutrient	
2,277						665	1,659	6,696	4,177	87	87	87	87			58						_	9 Waste	1000
117		14								25													10 Pollination	recolumn consecutive and the first
417		24								23	4		2		39	Ö		78	88	σı		control	11 Biological	
124							439	169	304							7		131	<b>o</b> o				12 Habitat/	
1,386		54				<u>+</u>	47	466	256	67	50	32	<b>\$</b>		68	220		521	93	<b>5</b>			Food	
721							49	162	106		25	315	138		2	27	2	25	4	0		3	14 Raw	
79										0		4	16									resources	15 Genetic	
815	30000					230	491	658	574	2	36	112	66			3,008		381	82				16 Recreation	
3,015							1,761		881		2	2	N		70	_		29	62	76			16 17 Recreation Cultural	
		92				8,498	19,580	066'6	14,785	232	302	2,007	969	804	1,610	6,075	19,004	22,832	4,052	252	577	200	Total value	
33,268		128				1,700	3,231	1,648	4,879	906	894	3,813	4,706	12,319		375	3,801	4,110	12,568	8,381	20,949	_	Total global	