# Journal of Integrated Coastal Zone Management Revista de Gestão Costeira Integrada

http://www.aprh.pt/rgci/pdf/rgci-649\_Fernandino.pdf

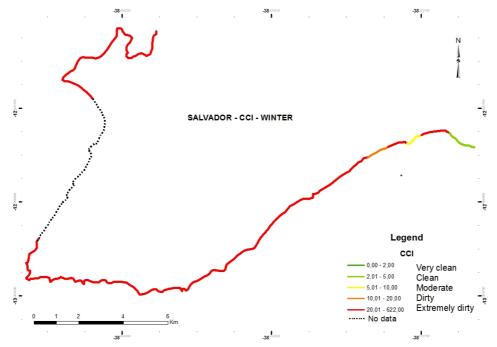
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Fernandino et al. (2016) - Plastic fragments as a major component of marine litter: a case study in Salvador, Bahia, Brazil. Journal of Integrated Coastal Zone Management / Revista de Gestão Costeira Integrada, 16(4):281-287. DOI: 10.5894/rgci649

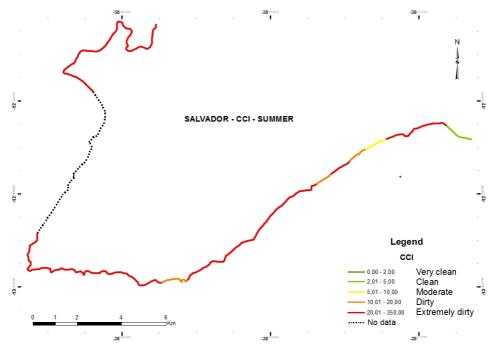
[Supporting Information]

## **Supporting Information I**

Clean-Coast Index (CCI) values for the beaches in Salvador during winter and summer



Clean-Coast Index (CCI) values for the beaches in Salvador during winter.



Clean-Coast Index (CCI) values for the beaches in Salvador during summer.











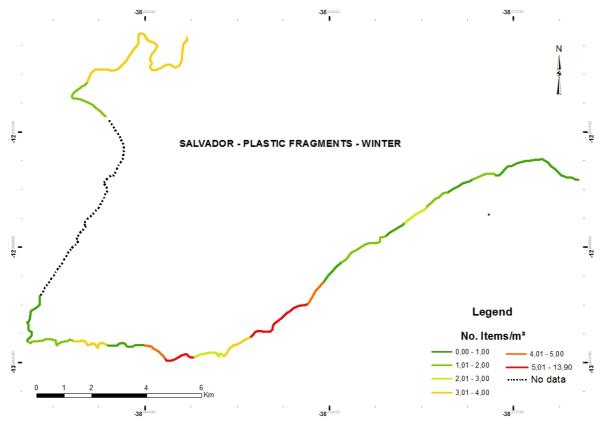
### **Supporting Information II**

Clean Coast Index (CCI) values and classifications and representativeness of plastic fragments in relation to all plastic items found in each sampling station during the winter and summer.

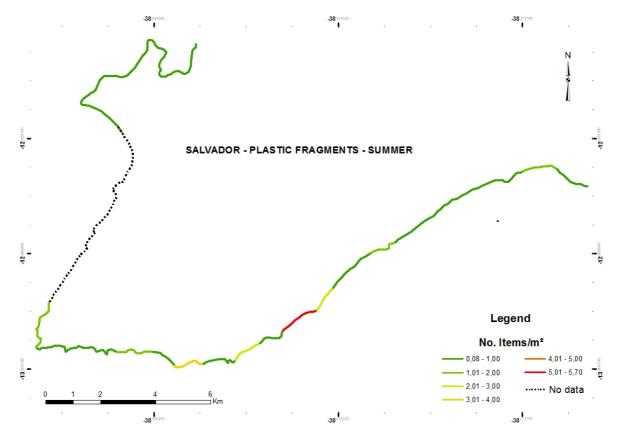
Sampling Station	Winter			Summer		
	2012  Beach Representativeness of			2013  Beach Representativeness of		
	CCI	Classification	plastic fragments (%)	CCI	Classification	plastic fragments (%)
P1	90.4	ED	81.0	21.3	ED	45.3
P2	61.0	ED	36.3	24.3	ED	36.3
P3	28.0	ED	20.4	49.6	ED	41.4
P4	122.0	ED	25.7	65.2	ED	19.4
P5	622.0	ED	12.8	26.0	ED	15.4
P6	26.2	ED	0.84	50.6	ED	40.7
P7	155.5	ED	52.3	26.4	ED	52.8
P8	45.6	ED	41.0	280.0	ED	26.4
P9	88.9	ED	49.1	14.8	D	48.2
P10	145.0	ED	43.8	113.6	ED	42.8
P11	569.1	ED	48.7	63.8	ED	23.5
P12	210.0	ED	62.3	350.0	ED	32.6
P13	272.0	ED	31.4	142.0	ED	29.6
P14	21.1	ED	50.9	21.1	ED	32.5
P15	33.3	ED	65.9	40.6	ED	40.2
P16	97.9	ED	73.0	52.4	ED	48.6
P17	28.2	ED	62.7	12.8	D	40.3
P18	20.6	ED	56.0	28.0	ED	49.0
P19	48.3	ED	72.8	11.1	D	57.9
P20	15.8	D	35.2	7.9	M	54.8
P21	54.5	ED	53.2	26.7	ED	46.3
P22	10.0	M	80.0	40.0	ED	20.0
P23	26.0	ED	46.2	90.0	ED	41.7
P24	2.2	С	39.3	4.6	С	34.3

#### **Supporting Information III**

Density of plastic fragments (No. items/m²) along the coastline of Salvador, Brazil, during winter and summer



Density of plastic fragments (No. items/m²) along the coastline of Salvador, Brazil, during winter.



Density of plastic fragments (No. items/m²) along the coastline of Salvador, Brazil, during summer.

### **Supporting Information IV**

Examples of marine litter covering the beaches of (A) – Pituba, (B and C) – Amaralina and (D) – Rio Vermelho.

