

Carbon monoxide cycling in the Ria Formosa Lagoon (southern Portugal) during summer 2021

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Dataset

	N-Light-A (nmol/L)	N-Light-B (nmol/L)	N-Dark-A (nmol/L)	N-Dark-B (nmol/L)
0h	0.75	0.75	0.75	0.75
24h	0.88	0.86	0.31	0.29
48h	0.93	0.93	0.21	0.22

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Station	COsurf	CO eq	Delta CO	Flux RC01
	nmol/L	nmol/L	nmol/L	μmol/m2/d
8	0.88	0.11	0.77	1.09
9	0.51	0.09	0.42	0.53
10	0.49	0.09	0.40	0.99
11	0.65	0.08	0.56	1.26
12	1.05	0.11	0.94	2.46
14	0.84	0.10	0.73	2.87

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Station 7 mic_consumption	
Time(h)	CO [nmol/L]
0	1.52
0.5	1.22
1	0.99
2.5	0.57
4	0.29

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CO cons [nmol/L] Fig. 2		
Station	Day-1	Day-2
1	0.17	3.13
2	1.78	1.14
3	0.72	0.51
4	0.34	0.88
5	0.28	0.54
6	0.47	0.44
7	0.77	0.41
8	0.61	1.20
9	0.58	0.44
10	0.57	0.40
11	0.58	0.71
12	1.04	1.05
13	0.45	0.24
14	1.01	0.68