

Characteristic	Coral reef N = 6 ¹	Mangroves N = 6 ¹	Seagrass N = 6 ¹	p-value ²
pH	8.05 (8.04, 8.06)	7.99 (7.83, 8.03)	8.02 (8.01, 8.04)	0.010
TA	2,335 (2,268, 2,360)	2,350 (2,309, 2,455)	2,371 (2,238, 2,432)	0.8
DIC	2,000 (1,946, 2,029)	2,035 (1,991, 2,380)	2,065 (1,880, 2,109)	0.5
pCO ₂	413 (394, 421)	501 (439, 894)	478 (400, 480)	0.034
Aragonite	3.54 (3.49, 3.85)	3.30 (2.87, 3.48)	3.52 (3.33, 3.67)	0.13

¹ Median (Q1, Q3)

² Kruskal-Wallis rank sum test

TAFIRI, *Apri*, 2022