

Importance of habitat diversity to changes in benthic metabolism over land-use gradients: evidence from three subtropical estuaries

Jian-Jhih Chen*, Naomi S. Wells, Dirk V. Erler, Bradley D. Eyre

*Corresponding author: k.chen.15@student.scu.edu.au

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Table S1. Sensitivity analysis for Noosa, Maroochy and Brisbane River Estuary carbon budgets.

Noosa	Net Ocean exchange (t yr ⁻¹)	
	Error adjusted up	Error adjusted down
DIC		
River DIC	-949	-1033
Rainfall	-974	-1008
Air-water	113	-2095
Pelagic GPP/R	-3151	1169
Benthic GPP/R	-1225	-757
TOC		
River in DOC	1507	1387
Rainfall	1603	1291
Pelagic GPP/R	3607	-713
Benthic GPP/R	1681	1213
Burial	656	2206
Maroochy		
	Net Ocean exchange (t yr ⁻¹)	
	Error adjusted up	Error adjusted down
DIC		
River DIC	8606	6998
Rainfall	7803	7801

Air-water	7190	8412
Pelagic GPP/R	6890	8714
Benthic GPP/R	7886	7718
Wastewater	14558	1046
TOC		
River in DOC	7962	5442
Rainfall	6720	6684
Pelagic GPP/R	7614	5790
Benthic GPP/R	6618	6786
Wastewater	12175	2525
Burial	6768	7074

Brisbane

Net Ocean exchange (t yr⁻¹)

	Error adjusted up	Error adjusted down
River DIC	24371	22211
Rainfall	23296	23287
Air-water	21960	24624
Pelagic GPP/R	22968	23616
Benthic GPP/R	23791	22792
Wastewater	40500	6083
TOC		
River in DOC	14473	12553
Rainfall	13546	13480
Benthic GPP/R	13014	14013
Pelagic GPP/R	13837	13189
Wastewater	25044	446
Burial	12609	14569