

Region	Sediment trap (m)	Average Si export fluxes ( $\mu\text{mol m}^{-2} \text{d}^{-1}$ )	References
Coastal upwellings			
Southern California Current coastal waters	100	$8000 \pm 5760$	Krause et al. (2015)
Oceanic area			
North Atlantic (NABE)	400	10–145	Honjo and Manganini (1993)
North Atlantic (POMME)	400	2–316	Mosseri et al. (2005); Leblanc et al. (2005b)
North Pacific subtropical gyre (ALOHA)	150	14–300	Brzezinski et al. (2011)
Oligotrophic area			
Sargasso Sea (BATS)	150	17–700	Nelson et al. (1995)
Sargasso Sea (BATS)	150	130	Brzezinski and Nelson (1995)
	200	113	
	300	85	
	400	85	
OUTPACE: southwestern Pacific gyre	153	1.8	This study
	328	0.5	
OUTPACE: Melanesian Archipelago	153	1.6	This study
	328	1.6	
	519	2.5	