

Region	Integrated Si production rate $\Sigma\rho\text{Si}$ (mmol m ⁻² d ⁻¹)	References
Coastal upwellings		
BIOSOPE: Peru–Chile upwelling	42–52 (UPW)	This study
Baja California	89	Nelson and Goering (1978)
Monterey Bay	70	Brzezinski et al. (1997)
Peru	27	Nelson et al. (1981)
Southern California Current coastal waters	1.7–5.6	Krause et al. (2015)
Oceanic area		
BIOSOPE: southeastern Pacific (HNLC)	0.8–5.6 (HNL–MAR)	This study
Gulf Stream warm rings	6.4	Brzezinski and Nelson (1989)
Central equatorial Pacific (HNLC)	3.9	Blain et al. (1997)
North Pacific (OSP)	5.1	Wong and Matear (1999)*
North Atlantic (POMME)	1.7	Leblanc et al. (2005b)
North Atlantic (Bengal)	0.9	Ragueneau et al. (2000)
Mediterranean Sea (SOFI)	0.8	Leblanc et al. (2003)
Oligotrophic area		
BIOSOPE: southeastern Pacific gyre	0.04 (GYR)–0.2 (EGY)	This study
Central equatorial Pacific	0.8–2.1	Blain et al. (1997)
Eastern equatorial Pacific	0.2–2.5	Leynaert et al. (2001); Adjou et al. (2011); Krause et al. (2011), Demarest et al. (2011)
Central North Pacific	0.5–2.9	Brzezinski et al. (1998)
North Pacific subtropical gyre	0.1–1.7	Krause et al. (2013)
North Pacific subtropical gyre (ALOHA)	0.1–0.5	Brzezinski et al. (2011)
Sargasso Sea	0.5	Brzezinski and Nelson (1995)
Sargasso Sea (BATS)	0.1–0.9	Brzezinski and Kosman (1996), Nelson and Brzezinski (1997)