

| Region | Average integrated Si biomass $\Sigma \rho_{\text{Si}}$ (mmol m ⁻²) | References |
|--|--|--------------------------|
| Coastal upwellings | | |
| BIOSOPE: Peru–Chile upwelling | 65.7 ± 53.8 | This study |
| Southern California Current coastal waters | 53.2 ± 39.3 | Krause et al. (2015) |
| Oceanic area | | |
| Southern California Current oceanic waters | 1.6 ± 0.3 | Krause et al. (2015) |
| BIOSOPE: southeastern Pacific (HNLC) | 11.9 ± 10.9 | This study |
| Oligotrophic area | | |
| Mediterranean Sea (BOUM) | 1.1–28.2 | Crombet et al. (2011) |
| Sargasso Sea (BATS) | 4.0 ± 6.8 | Nelson et al. (1995) |
| Sargasso Sea | 0.9–6.1 | Krause et al. (2017) |
| North Pacific subtropical gyre | 1.6–12.8 | Krause et al. (2013) |
| North Pacific subtropical gyre (ALOHA) | 3.0 ± 1.1 | Brzezinski et al. (2011) |
| Central North Pacific | 7.1 ± 3.0 | Brzezinski et al. (1998) |
| Eastern equatorial Pacific | 3.8–18.0 | Krause et al. (2011) |
| BIOSOPE: southeastern Pacific gyre | 1.1 ± 1.1 | This study |
| OUTPACE: southwestern Pacific gyre | 1.0 ± 0.2 | This study |
| OUTPACE: Melanesian Archipelago | 2.4 ± 1.0 | This study |