

Table 1. Budget of silicon in the world ocean (fluxes in teramoles of Si per year).

Flux source	Tmol Si year ⁻¹
<i>Inputs</i>	
River influx [$F_{R(\text{net})}$]	5.0 ± 1.1
Eolian (F_A)	0.5 ± 0.5
Seafloor weathering (F_W)	0.4 ± 0.3
Hydrothermal (F_H)	0.2 ± 0.1
Total inputs	6.1 ± 2.0
<i>Outputs (F_B)</i>	
Coastal	1.2 ± 0.7
Abysses	5.9 ± 1.1
Total outputs	7.1 ± 1.8
<i>Biological cycle</i>	
Production [$F_{P(\text{gross})}$]	240 ± 40
<i>Ratio</i>	
Internal cycling/inputs [$F_{P(\text{gross})}/F_B$]	23 to 53