Table 8. Annual Specific Suspended Sediment Yield (sSSY) from steep, volcanic islands in the tropical Pacific.

Location	Watershed drainage area (km2)	Mean annual precipitation (mm)	sSSY range tons/km2/yr	Reference
Faga'alu UPPER	0.88		40-143	This study
Faga'alu TOTAL	1.78	2.380-6,350 (varies with elevation)	104-355	This study
Kawela, Molokai	13.5	500-3,000 (varies with elevation)	394	(Stock and Tribble, 2010)
Hanalei, Kauai	60.04	500 – 9,500 (varies with elevation)	545 ± 128	(Ferrier et al., 2013)
Hanalei, Kauai	48.4	2,000-11,000 (varies with elevation)	525	(Stock and Tribble, 2010)
Hanalei, Kauai	54.4	2,000-11,000 (varies with elevation)	140±55	(Calhoun and Fletcher, 1999)
St. John, USVI[a]	3.5	1,300-1,400	18	(Ramos-Scharrón and Macdonald, 2007)
St. John, USVI	2.3	1,300-1,400	24	(Nemeth and Nowlis, 2001)
St. John, USVI	6	1,300-1,400	36	(Nemeth and Nowlis, 2001)
Oahu	10.4	1,000-3,800 (varies with elevation)	330±130; 200±100 (varies with method)	(Hill et al., 1997)
Barro Colorado, Panama	0.033	2,623±458	100-200	(Zimmermann et al., 2012)
Fly River, PNG[b]	76,000	up to 10,000	1,000-1,500	(Milliman, 1995)
Purari River, PNG	35,000		3,000	"

Milliman and Syvitski (1992) Model: **sSSY = cA**[f] *c,f = regression coeff. for region/max elevation*		**c**	f	**sSSY tons/km2/yr**	(Milliman and Syvitski, 1992)
Max elev >3,000m	Faga'alu UPPER = 0.88 TOTAL = 1.78	280	-0.54	UPPER = 296 TOTAL = 205	-
Max elev 1000-3000m (Oceania)		65	-0.46	UPPER = 68 TOTAL = 50	-
Max elev 500-1,000m		12	-0.59	UPPER = 13 TOTAL = 9	-