

Appendix I

Data available on request.

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Data sample:

	A	B	C	D	E	F	G	H	I
1	I.p.	MM	DD	YYYY	DATE	SSC [g dm ⁻³]	estimated SSC [g dm ⁻³]	SSL [t day ⁻¹]	
189	188	7	7	2007	07.07.2007	0,938113	0,938113333	660,40	
190	189	7	8	2007	08.07.2007	0,968553	0,968553333	743,74	
191	190	7	9	2007	09.07.2007	1,0504	1,0504	815,67	
192	191	7	10	2007	10.07.2007	1,02428	1,02428	762,44	
193	192	7	11	2007	11.07.2007	0,95488	0,95488	717,56	
194	193	7	12	2007	12.07.2007	0,720667	0,720666667	493,55	
195	194	7	13	2007	13.07.2007	0,610407	0,610406667	432,87	
196	195	7	14	2007	14.07.2007	0,781813	0,781813333	559,72	
197	196	7	15	2007	15.07.2007	0,564033	0,564033333	403,79	
198	197	7	16	2007	16.07.2007	0,524827	0,524826667	369,71	
199	198	7	17	2007	17.07.2007	0,540593	0,540593333	356,89	
200	199	7	18	2007	18.07.2007	0,37066	0,37066	223,35	
201	200	7	19	2007	19.07.2007	0,490493	0,490493333	311,52	
202	201	7	20	2007	20.07.2007	0,513873	0,513873333	325,25	
203	202	7	21	2007	21.07.2007	0,415713	0,415713333	240,17	
204	203	7	22	2007	22.07.2007	0,310706	0,310705537	154,49	
205	204	7	23	2007	23.07.2007	0,319726	0,319725537	149,44	
206	205	7	24	2007	24.07.2007	0,245306	0,245305537	118,47	
207	206	7	25	2007	25.07.2007		0,329336089	177,66	
208	207	7	26	2007	26.07.2007		0,347528435	195,62	
209	208	7	27	2007	27.07.2007		0,372744291	221,77	
210	209	7	28	2007	28.07.2007	0,444846	0,444845537	275,40	
211	210	7	29	2007	29.07.2007	0,733006	0,733005537	575,84	
212	211	7	30	2007	30.07.2007	0,507239	0,50723887	431,57	
213	212	7	31	2007	31.07.2007	1,895039	1,89503887	2585,21	
214	213	8	1	2007	01.08.2007	1,963572	1,963572203	3143,42	
215	214	8	2	2007	02.08.2007	2,477559	2,47755887	4535,96	
216	215	8	3	2007	03.08.2007	1,917566	1,917565537	3956,54	
217	216	8	4	2007	04.08.2007	1,272726	1,272725537	2328,49	

SSC – suspended sediment concentration

SSL – suspended sediment load

SSC estimated - missing data was completed based on linear log-log relationship between the SSC and discharges. The correlations between average daily suspended sediment concentration and discharge are reported using Pearson r ($r = 0.95$, $p < 0.001$). The determined suspended sediment rating curve was very robust with an $R^2 = 0.8851$ (Łepkowska, 2018).

Source: ŁEPKOWSKA E., STACHNIK Ł., 2018. Which drivers control the suspended sediment flux in a High Arctic glacierized basin (Werenskioldbreen, Spitsbergen)? *Water*, 10, 1408. doi: <https://doi.org/10.3390/w10101408>