

Table S1. Location of sampling and particle size distribution parameters.

Sample No.		coordinates	Sample	% sand	% silt	% clay	Mz* (µm)
1	S1	45°02'25.8"N 18°41'45.3"E	Sava-Županja	26.3	64.2	9.5	59.2
2	S2	45°03'36.6"N 18°30'16.9"E	Sava-Šamac	35.4	56.7	7.9	105.1
3	S3	45°08'23.1"N 18°04'26.2"E	Sava-Sl Brod	25.8	64.5	9.7	50.2
4	S4	45°24'04.3"N 16°32'22.9"E	Sava-Lukavec	76.9	20.3	2.8	214.4
5	S5	45°51'44.3"N 15°41'16.6"E	Sava-Drenje	85.1	13.2	1.7	334.5
6	S6	45°44'37.5"N 16°13'41.5"E	Sava-Rugvica	23.9	64.3	11.8	59.3
7	Bo	45°04'08.7"N 19°04'17.7"E	Bosut	18.9	69.1	12.0	52.5
8	Or	45°17'11.0"N 17°48'19.0"E	Orljava	54.6	41.8	3.6	171.9
9	U1	45°15'41.7"N 16°54'46.3"E	Una-Jasenovac	43.3	50.6	6.0	104.4
10	U2	45°13'19.5"N 16°32'59.1"E	Una-Kostajnica	86.2	11.8	2.0	407.4
11	Il	45°28'08.5"N 16°54'30.4"E	Ilova	29.7	62.8	7.5	85.2
12	Cs	45°37'35.5"N 16°33'29.7"E	Česma	78.9	18.9	2.2	290.7
13	K1	45°26'50.9"N 16°04'39.8"E	Kupa-Šišinec	29.6	62.4	8.0	57.4
14	K2	45°38'43.9"N 15°21'24.0"E	Kupa-Bubnjarci	71.0	26.5	2.5	221.8
15	K3	45°28'40.7"N 16°14'26.9"E	Kupa-M Gorica	39.5	53.9	6.6	113.1
16	Gl	45°20'10.4"N 16°04'59.1"E	Glina	39.7	54.8	5.5	81.4
17	Ko	45°23'31.3"N 15°35'45.7"E	Korana	41.8	50	8.2	106.3
18	Mr	45°27'57.3"N 15°33'35.4"E	Mrežnica	62.6	33.8	3.6	270.2
19	Do	45°33'25.1"N 15°31'04.7"E	Dobra	45.5	49.4	5.1	129.6
20	Kr	45°55'59.0"N 15°49'01.3"E	Krapina	67.0	30.4	2.6	401.1
21	Su	45°53'30.6"N 15°41'03.3"E	Sutla	41.8	51.4	6.7	126.2
22	Be	46°17'27.3"N 16°44'18.0"E	Bednja	83.5	14.7	1.8	349.9
23	Dr1	45°41'28.9"N 18°25'08.0"E	Drava-Belišće	68.0	28.7	3.3	168.0
24	Dr2	45°33'06.0"N 18°51'30.9"E	Drava-Dunav	90.1	8.7	1.2	254.8
25	Dr3	45°46'55.9"N 18°12'06.4"E	Drava-D Miholjac	44.4	50.8	4.8	79.7
26	Dr4	45°56'39.6"N 17°27'46.0"E	Drava-T Polje	64.6	32.3	3.1	150.4
27	Dr5	46°14'28.5"N 16°56'15.8"E	Drava-Botovo	58.2	38.4	3.3	127.5
28	Dr6	46°17'52.6"N 16°52'50.3"E	Drava-Legrad	85.4	12.2	2.3	262.0
29	Dr7	45°35'56.8"N 18°35'41.4"E	Drava-Josipovac	52.2	43.8	4.0	118.3
30	Du1	45°51'00.8"N 18°51'16.6"E	Dunav-Batina	38.0	55.4	6.6	105.8
31	Du2	45°13'49.8"N 19°22'45.7"E	Dunav-Ilok	31.1	62	6.8	65.3
32	Mu	46°25'11.5"N 16°41'35.0"E	Mura	62.6	33.9	3.5	136.2
33	Mi	45°21'28.0"N 13°44'13.8"E	Mirna	8.5	70.3	21.2	24.2
34	Ra	45°11'14.1"N 14°04'41.2"E	Raša	10.6	66.6	22.8	25.2
35	Ct	43°26'14.1"N 16°45'28.0"E	Cetina	56.8	38.9	4.2	248.9
36	Ne	43°03'14.7"N 17°39'06.7"E	Neretva	83.3	14.6	2.1	221.8
37	Zr	44°11'43.1"N 15°46'14.4"E	Zrmanja	27.3	64.7	8.0	61.5
38	KM	43°57'46.7"N 15°59'31.2"E	Krka-Manastir	45.6	49.3	5.1	104.1
39	Od	45°40'25.6"N 16°10'38.3"E	Odra	56.2	41.8	2.0	172.2
40	BJ	43°04'40.1"N 17°24'50.5"E	Bačinska Lakes	45.3	48.5	6.2	113.1
41	AP	45°25'39.7"N 16°54'10.2"E	Reservoir-Pakra	22.0	67.7	10.3	64.8
42	JP	44°51'42.0"N 15°36'01.6"E	Lake Prošće	12.4	76.4	11.2	31.0
43	JK	44°51'44.0"N 15°36'01.8"E	Lake Kozjak	13.7	72.3	14.0	40.2
44	VC	44°51'17.0"N 14°23'38.0"E	Lake Vransko-Cres	30.9	64.4	4.7	68.9
45	VP	43°55'42.3"N 15°30'42.9"E	Lake Vransko-Biog	37.3	59.2	3.5	85.9
46	KV	43°51'37.6"N 15°58'30.3"E	Krka- Lake Visovac	7.6	83.3	9.1	16.9
47	AB	45°23'29.7"N 18°11'15.1"E	Reservoir-Borovik	20.8	68.3	10.9	64.8

*Mz= average particle size