

Table S1. Characteristics of glacierized areas in the individual river basins (Severskiy et al., 2016). Locations of the river basins are shown in Fig. 1.

Basin	2000		2011		Change in number of glaciers	Reduction in glacierized area	
	No	Area (km ²)	No	Area (km ²)		km ²	%
Aksu	97	44.2	109	38.1	+12	6.1	13.9
Sarkand	67	35.6	74	30.6	+7	4.9	13.9
Lepsy	59	52.0	65	48.3	+6	3.8	7.2
Bien	34	18.8	35	16.7	+1	2.1	11.2
Baskan	82	50.1	87	47.8	+5	2.3	4.6
Koktal	33	7.8	24	5.9	-9	1.9	24.1
Chija	12	4.6	10	3.9	-2	0.7	14.9
Usek	253	63.1	272	56.2	+19	6.9	10.9
Koksu	245	69.7	173	57.8	-72	11.9	17.1
Kora	80	49.9	64	45.6	-16	4.3	8.5
Kokmoin	0	0	0	0	0	0	0
Tastau	24	10.2	26	8.2	+2	2.0	19.6
Tentek	69	45.9	79	39.8	+10	6.1	13.3
Vtoroi Tentek	34	3.6	33	2.5	-1	1.1	30.3
Khorgos	209	70.7	228	63.9	+19	6.8	9.7
Total / average	1298	526.2	1279	465.3	-19	60.9	14.2