



Table S1. Land-use statistics of each watershed

Main Watershed	Land-Use Type (km ²)				
	Cropland	Forest	Urban	Grassland	Other (Bareland, Wetland, Water)
Tumen River	2,449	7,318	57	556	63
Yalu River	5,329	23,030	82	3,002	334
Northeastern Basin	2,164	16,173	143	2,541	99
Chongchon River	5,290	6,272	110	821	152
Taedong River	10,242	8,370	412	2,062	353
Eastern Basin	2,000	4,075	41	244	78
Ryesong River	3,560	1,931	30	1,306	124
Han River	8,166	23,530	951	1,049	645
Han River: east sea	333	2,760	85	165	13
Han River: west sea	1,025	381	215	175	47
Anseong River	1,066	366	138	46	45
Sapgyo River	993	471	48	121	33
Geum River	3,720	4,939	212	829	212
Geum River: west sea	1,721	769	83	207	126
Nakdong River	6,849	15,054	605	771	383
Nakdong River: east sea	425	2,235	87	74	14
Nakdong River: south sea	674	1,062	224	293	18
Mankyung–Dongjin Rivers	1,770	871	128	156	261
Hyungsan River	334	727	61	-	16
Sumjin River	1,770	2,793	41	376	95
Sumjin River: south sea	1,450	1,316	135	229	83
Taehwa River	161	417	72	-	5
Yeongsan River	1,783	1,157	153	286	91
Yeongsan River: west sea	1,194	514	69	123	161
Yeongsan River: south sea	855	436	62	13	95
Huiya–Sooyoung	169	457	198	4	8
Tamjin River	164	269	62	61	9
Jeju Island	1,267	177	78	294	1