Supplementary material

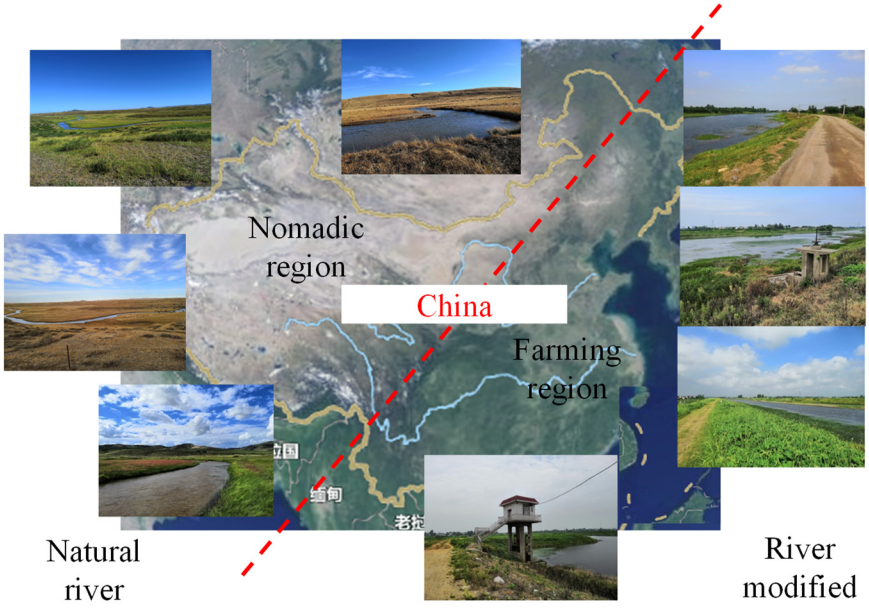


Figure S1, Modified and natural streams are mainly distributedin southeastern farming and northwestern nomadic regions of China, respectively. Water gate and flood leveeare prominent landscapes in artificially modifiedstreams, while neither water gate nor flood levee in natural streams. Red dotted line is an assumed population dividing linebetween the farming and nomadic regions (Hu 1935).

Table S1 Detailed coordinates and altitudes of the sampling sites.

	Coordinate	Altitude (m)
Desheng stream		
Site 1	N31°42'14.9", E118°4'3.2"	15
Site 2	N31°42'50.7", E118°5'49.7"	13
Site 3	N31°43'6.2", E118°7'57.2"	12
Site 4	N31°42'45.4", E118°10'37"	12
Site 5	N31°43'15", E118°12'6.1"	12
Site 6	N31°43'24", E118°14'45.2"	12
Site 7	N31°43'17.6", E118°16'0.1"	10
Site 8	N31°43'11.7", E118°17'39.9"	10
Site 9	N31°42'16.8", E118°20'20.7"	10
Site 10	N31°42'23.5", E118°21'29"	9
Site 11	N31°42'59.0", E118°22'20.1"	9
Site 12	N31°42'55.0", E118°24'13.5"	4
Site 13	N31°42'45.4", E118°24'49.4"	4
Shuangqiao-Shiba stream		
Site 1	N31°48'22.7", E118°19'19.5"	16
Site 2	N31°47'52.8", E118°19'14.2"	14
Site 3	N31°46'47.8", E118°19'33.3"	10
Site 4	N31°46'19.9", E118°20'15.1"	10
Site 5	N31°46'25.2", E118°21'37.9"	10
Site 6	N31°45'35.6", E118°23'28.9"	9
Site 7	N31°45'53.7", E118°23'46.0"	8
Site 8	N31°47'12.3", E118°25'50.1"	8
Site 9	N31°47'48.3", E118°27'25.6"	5