

Supplementary Table S3. The table of land use gradient distribution in 1995

Land use type	Area/proportion	0°–5°	5°–8°	8°–15°	15°–25°	25°–35°	Above 35°	Total
Sloping farmland	km ²	0.86	1.24	5.08	3.23	0.71	0.01	11.14
	%	1.21	1.73	7.10	4.51	1.00	0.02	15.55
Terrace	km ²	2.39	4.84	23.74	7.87	0.19	0.00	39.04
	%	3.34	6.76	33.16	10.99	0.27	0.00	54.52
Forest	km ²	0.76	1.13	4.08	2.75	1.32	0.19	10.23
	%	1.06	1.58	5.69	3.84	1.85	0.27	14.29
Orchard	km ²	0.14	0.28	1.16	0.32	0.03	0.00	1.93
	%	0.20	0.39	1.62	0.44	0.04	0.00	2.69
Grassland	km ²	0.14	0.31	1.67	2.46	1.30	0.14	6.03
	%	0.20	0.44	2.33	3.44	1.81	0.20	8.42
Village	km ²	0.20	0.37	1.52	0.31	0.02	0.00	2.43
	%	0.28	0.51	2.13	0.43	0.03	0.00	3.39
Water	km ²	0.36	0.24	0.19	0.02	0.00	0.00	0.81
	%	0.50	0.34	0.27	0.03	0.00	0.00	1.13
Total	km ²	4.86	8.42	37.45	16.95	3.57	0.35	71.61
	%	6.79	11.75	52.30	23.68	4.99	0.49	100.00

Supplementary table to the article “Optimization of land use pattern reduces surface runoff and sediment loss in a Hilly-Gully watershed at the Loess Plateau, China”, by Yini Han, Jianzhi Niu, Zhongbao Xin, Wei Zhang, Xilin Wang and Yousong Zhang. *Forest Systems* Vol. 25 No. 1, April 2016 (<http://dx.doi.org/10.5424/fs/2016251-08016>)