

Table S1 Descriptive statistics of regression coefficients of independent variables for arable land

Variables	Average in 1995-2000	Average in 2000-2020	Average in 1995-2020	Percentage of significant counties
Intercept	1.58	1.85	1.78	85.33%
Precipitation	-0.57	-0.61	-0.60	94.00%
Slope	0.03	-0.20	-0.15	84.67%
GDP	-0.59	-0.57	-0.58	60.00%
Population	2.36	2.25	2.28	92.67%
Urbanization	-0.03	-0.06	-0.05	69.33%

Table S2 Descriptive statistics of regression coefficients of independent variables for woodland

Variables	Average in 1995-2000	Average in 2000-2020	Average in 1995-2020	Percentage of significant counties
Intercept	-4.66	-2.72	-3.12	78.00%
Precipitation	0.18	0.53	0.46	75.33%
Slope	3.45	2.20	2.45	82.67%
GDP	-1.38	-0.80	-0.93	64.00%
Population	3.69	2.05	2.39	80.00%
Urbanization	3.22	2.22	2.43	88.67%

Table S3 Descriptive statistics of regression coefficients of independent variables for grassland

Variables	Average in 1995-2000	Average in 2000-2020	Average in 1995-2020	Percentage of significant counties
Intercept	2.24	2.68	2.56	96.00%
Precipitation	-0.20	-0.24	-0.23	42.67%
Slope	-0.77	-1.19	-1.09	81.33%
GDP	-0.61	-0.51	-0.53	60.00%
Population	1.65	1.48	1.53	79.33%
Urbanization	1.02	0.92	0.96	88.00%

Table S4 Descriptive statistics of regression coefficients of independent variables for
construction land

Variables	Average in 1995-2000	Average in 2000-2020	Average in 1995-2020	Percentage of significant counties
Intercept	-4.06	-3.40	-3.48	100.00%
Precipitation	0.21	1.15	0.98	100.00%
Slope	-0.48	-1.93	-1.69	100.00%
GDP	-0.24	0.44	0.34	100.00%
Population	2.30	2.51	2.44	100.00%
Urbanization	1.85	1.26	1.33	100.00%