

Figure S1. Information of the selected 71 large cities in China.

City	ΔPU_{Z1}^1	ΔPU_{Z2}^2	IU_{Z1}^3	IU_{Z2}^4	Threshold ⁵		City	ΔPU_{Z1}	ΔPU_{Z2}	IU_{Z1}	IU_{Z2}	Threshold	
					1998	2012						1998	2012
Anqing	21	1	-0.015	0.000	50	55	Nanjing	33	24	-0.023	-0.017	50	55
Anshan	12	29	-0.008	-0.020	50	55	Nanning	62	12	-0.044	-0.008	50	55
Anyang	8	14	-0.006	-0.010	50	55	Nantong	49	38	-0.035	-0.027	50	55
Baoding	23	19	-0.016	-0.013	50	55	Nanyang	48	3	-0.033	-0.002	50	55
Beijing	10	61	-0.007	-0.043	50	55	Qingdao	22	22	-0.015	-0.016	50	55
Bengbu	43	2	-0.030	-0.001	50	55	Qinzhou	24	3	-0.017	-0.002	35	40
Benxi	42	5	-0.029	-0.004	50	55	Qiqihar	28	6	-0.020	-0.004	50	55
Changchun	20	54	-0.014	-0.038	50	55	Rizhao	77	21	-0.054	-0.015	50	55
Changde	70	2	-0.049	-0.001	35	40	Shanghai	32	51	-0.023	-0.036	50	55
Changzhou	43	78	-0.030	-0.055	50	55	Shantou	37	11	-0.026	-0.008	50	55
Chenzhou	21	2	-0.015	-0.002	35	40	Shaoyang	41	0	-0.029	0.000	35	40
Chifeng	51	18	-0.035	-0.012	50	55	Shenyang	9	59	-0.007	-0.041	50	55
Chongqing	24	3	-0.017	-0.002	50	55	Shenzhen	20	29	-0.014	-0.020	50	55
Dalian	34	36	-0.024	-0.026	50	55	Shijiazhuang	6	45	-0.004	-0.032	50	55
Dandong	40	8	-0.028	-0.006	50	55	Suining	74	5	-0.052	-0.004	35	40
Datong	67	26	-0.047	-0.018	50	55	Taiyuan	24	36	-0.016	-0.025	50	55
Fuxin	21	13	-0.015	-0.009	50	55	Tangshan	43	19	-0.030	-0.013	50	55
Fuzhou	49	13	-0.034	-0.009	50	55	Tianjin	17	55	-0.012	-0.038	50	55
Guangzhou	21	44	-0.015	-0.031	50	55	Urumqi	41	42	-0.029	-0.029	50	55
Guiyang	19	5	-0.013	-0.004	50	55	Weifang	39	29	-0.027	-0.020	50	55
Haikou	32	8	-0.023	-0.006	50	55	Wuhan	31	15	-0.022	-0.011	50	55
Hangzhou	36	56	-0.025	-0.039	50	55	Xiamen	41	48	-0.029	-0.034	50	55
Harbin	13	53	-0.009	-0.037	50	55	Xinxiang	53	11	-0.037	-0.007	50	55
Hefei	39	17	-0.027	-0.012	50	55	Xinyang	59	4	-0.041	-0.003	50	55
Hengyang	52	1	-0.036	-0.001	35	40	Xuzhou	56	16	-0.039	-0.011	50	55
Hohhot	35	40	-0.025	-0.028	50	55	Yangjiang	60	5	-0.042	-0.003	50	55
Huangshi	39	0	-0.027	0.000	50	55	Yibin	1	0	-0.001	0.000	35	40
Jiamusi	50	10	-0.035	-0.007	50	55	Yichang	48	13	-0.034	-0.009	35	40
Jinan	28	32	-0.020	-0.022	50	55	Yinchuan	68	47	-0.048	-0.033	50	55
Kaifeng	15	10	-0.010	-0.007	50	55	Yingkou	60	33	-0.042	-0.023	50	55
Kunming	23	31	-0.016	-0.021	50	55	Yueyang	50	12	-0.035	-0.008	35	40
Langfang	34	8	-0.024	-0.006	50	55	Yulin	36	7	-0.025	-0.005	35	40
Liuzhou	33	16	-0.023	-0.011	35	40	Zhanjiang	36	6	-0.025	-0.004	50	55
Mianyang	36	22	-0.025	-0.015	35	40	Zhengzhou	26	50	-0.018	-0.035	50	55
Nanchang	66	10	-0.046	-0.007	50	55	Zhuzhou	60	19	-0.042	-0.013	35	40
Nanchong	72	7	-0.051	-0.005	35	40							

¹ and ² mean the change of urban land proportion between 1998 and 2012 in Z1 and Z2 respectively, in %; ³ and ⁴ the impact of urbanization on G-NDVI change in Z1 and Z2 respectively, in per decade; ⁵ extraction threshold which was used to extract urban lands of selected large cities in China based on the NSL data of 1998 and 2012.