

**Table 1.** Land cover changes between 2000 and 2015 in the Three Gorges Reservoir Region (in km<sup>2</sup>).

Division	Paddy fields	Dry cropland	Dense forest	Shrub	Sparse forest	Other woodland	Dense grassland	Moderate dense grassland	Sparse grassland	River	Lake	Reservoir	Mudflat	Urban fabric	Rural fabric	Construction /transportation
Fengjie	-5.2	-23	2.6	-77.1	-15.1	87.3	-6.2	-18.2	-1.5	34	-0.1	2.1	-0.2	6.1	4	9.2
Kai	-5.1	308.3	9.3	17.4	14.9	-10.5	15.5	-397	-1.1	14.3	0	12.7	-3.9	5.2	5.1	16.6
Wanzhou	-24.2	-43.6	27.5	21.2	-8.2	5.3	-24.3	-18.9	-0.1	36.5	0	4.5	-12.4	12.4	4.1	20
Wushan	-0.5	-19.7	-0.8	-9.1	7.5	7	14.7	-33.2	-9.9	20.1	-0.2	12.6	-0.1	2.6	4.9	5.4
Wuxi	-0.7	-31.3	12.7	-9.7	15.6	0.6	6	23.8	-29.5	0.8	0	2.4	0.1	3	1.3	6.6
Yunyang	19.6	-106.7	4.3	10.1	-8.6	-8.6	12.5	-20.3	1.7	73.1	0	3.7	-9.4	7	6.5	14.8
Zhong	-16.8	-18	4.7	0.8	2.2	11.8	-1.9	-9.5	-0.5	26.5	0.1	-0.2	-11.4	3.1	3.8	6
Shizhu	-28.5	-71.7	151.3	35.5	6.6	4.3	-16.5	-98.3	-14.8	4.5	0.1	5.2	-1.8	4	4.6	15.1
Fengdu	1.1	-48.8	175.1	84.5	-3.6	4.9	7.4	-246.8	-0.4	10.1	0	1.8	-2	1	1.8	14.3
Wulong	8.9	-28.5	2.8	148	35	0.5	39.1	-222.4	-8	0.3	0	8.1	0	0.6	3.6	11
Fuling	-10	-39.5	49.2	42.4	-24.5	14.5	16.8	-102.7	-0.1	16.4	-0.1	0.1	-11.1	7.7	4.5	36.7
City centre of Chongqing	-144.7	-139.3	2.7	3.1	-13.3	-3.3	2.4	0.3	-0.2	6.1	-0.1	-0.4	-2.6	90.6	25.2	173.7
Banan	-20.5	-28.6	-24.8	4.6	16.5	2.1	1.7	-1.6	-0.1	9.2	0	-0.3	-8.5	13.5	-0.1	36.9
Beibei	-27	-25.1	4.5	-6	-0.8	0.4	-0.2	-0.2	0.1	0.8	-0.1	0.1	0	3.9	7.3	43.2
Bishan	-20.5	-15.7	-0.1	0.5	0.9	0.1	0.4	-0.1	0.3	0	0	1.2	0	12.5	1.5	19
Changshou	-59.9	-13	-23.3	8.1	15.5	7.3	0.8	0	0	3	0.4	-0.6	-2.8	35.5	4.7	26.2
Jiangjin	-13	54	1.5	-7.4	-101.1	-6.6	1.2	0.1	-0.4	-0.6	0.1	0	-0.1	6.4	4.6	59.8
Yubei	-90.6	-105.3	8.8	-5.9	-4.3	0.5	0	-2.4	0.1	1.9	0	1.4	-1.8	68.6	-0.1	129.8
Zigui	-11.2	-19.6	-16.8	1.4	-11.7	2	-4.6	2.5	1.1	45.9	0	1.5	-0.9	6.2	0.9	3.4
Dianjun	-7.6	-6.2	-4.3	-5	9.8	0.7	-0.1	0	0	1.4	0	0	-0.4	1.6	0.6	9.9
Xingshan	-2.2	-60.6	-1.5	-5.1	49.8	7.6	1.3	0.6	0	5.3	0	0.2	-0.1	2.8	0.4	1.4
Yiling	-2.4	-19.4	-28.1	-21	10.3	18.3	5.5	0.3	0	12.6	-0.3	-0.6	-0.9	0.7	-0.5	25.3
Badong	-9.7	-5.8	-33.1	8.5	-18.5	2.7	15.8	-16	2.6	37.3	0	1.7	0.5	3.7	1.6	8.8