Table S1. Rates of change of the 50 wetlands listed in the International Wetland Convention from 2012 to 2017

Number	Wetland Name	North Latitude	East Longitude	Change rate in the last 5 years
1	Zhalong National Nature Reserve, Heilongjiang	47.218066	124.277489	3.77%
2	Xianghai National Nature Reserve, Jilin	45.071951	122.303556	-6.70%
3	Qinghai Lake National Nature Reserve,Qinghai	36.934370	100.191075	0.20%
4	Poyang Lake National Nature Reserve, Jiangxi	29.060968	116.080402	-10.56%
5	East Dongting Lake National Nature Reserve,Hunan	29.521771	112.831333	1.20%
6	Dongzhaigang National Nature Reserve, Hainan	19.952653	110.578459	-1.61%
7	Mai Po Nature Reserve, Hongkong	22.495734	114.046533	-11.30%
8	Sanjiang National Nature Reserve, Heilongjiang	47.533303	134.556335	2.67%
9	Xingkai Lake National Nature Reserve, Heilongjiang	45.338345	132.551306	-7%
10	Honghe Lake National Nature Reserve, Heilongjiang	47.711666	133.570580	-25.30%
11	Dalai Lake National Nature Reserve, Inner Mongolia	49.324164	117.655352	-9.81%
12	Erdos Larus relictus National Nature Reserve, Inner Mongolia	39.789983	109.325910	-36.20%
13	Spotted Seal National Nature Reserve, Dalian	39.615906	121.435036	-16.41%
14	Jiangsu Yancheng Wetland National Nature Reserve-Rare Birds	33.616285	120.492438	-10%
15	Dafeng Elk National Nature Reserve, Jiangsu	32.984770	120.807025	4.20%
16	Chongmingdongtan National Nature Reserve, Shanghai	31.512542	121.956144	3.35%
17	South Dongting Lake Wetland National Nature Reserve,Hunan	28.813164	112.407370	3.21%
18	West Dongting Lake Wetland National Nature Reserve,Hunan	28.825673	112.202619	-4.70%
19	National Huidong Nature Sea Turtle Reserve, Guangdong	22.560376	114.899440	-17.40%
20	Shankou Mangrove National Nature Reserve, Guangxi	21.499578	109.761545	13%
21	Zhanjiang Mangrove National Nature Reserve, Guangdong	21.151377	110.438047	11.55%

22	Shuangtai Estuary Wetland, Liaoning	40.937781	121.905974	-6.60%
23	Dashanbao National Natural Reserve, Yunnan	27.442177	103.328580	2.70%
24	Bitahai Wetland, Yunnan	27.826145	99.989359	-3.90%
25	Napahai Wetland, Yunnan	27.858129	99.648081	-4.60%
26	Lashihai Wetland, Yunnan	26.878802	100.138086	-7.60%
27	Eling Lake Wetland, Qinghai	34.933333	97.716667	1.05%
28	Zhaling Lake Wetland, Qinghai	34.916667	97.266667	-2.10%
29	Medika Wetland, Tibet	31.133333	93.000000	3.51%
30	Manasarovar Wetland, Tibet	30.733333	81.316667	-7.30%
31	Zhangjiangkou Mangrove National Nature Reserve, Fujian	23.925237	117.413074	1.70%
32	Beilun Estuary National Nature Reserve, Guangxi	21.542450	108.055050	-4.67%
33	Haifeng Wetland, Guangdong	23.080664	115.416026	2.40%
34	Honghu Wetland National Nature Reserve, Hubei	29.830005	113.337930	-3.90%
35	Yangtze Estuarine Nature Reserve, Shanghai	31.449998	121.825696	-7.90%
36	Ruoergai Wetland National Nature Reserve,Sichuan	33.662128	102.955854	1%
37	Xixi National Wetland Park, Zhejiang	30.270357	120.061484	1%
38	Qixinghe National Nature Reserve, Heilongjiang	46.712815	132.134382	2.40%
39	Nanwenghe National Nature Reserve, Heilongjiang	51.081046	125.298482	15%
40	Chen-pao Island Wetland National Nature Reserve, Heilongjiang	46.220893	133.764918	5.35%
41	Gahai-zecha National Nature Reserve, Gansu	34.207240	102.354623	-4.30%
42	Yellow River Delta National Nature Reserve, Shandong	37.759854	118.983672	-2.66%
43	Dongfanghong Wetland National Nature Reserve, Heilongjiang	46.375266	133.561598	-7.80%
44	Momoge National Nature Reserve, Jilin	45.943576	123.541008	-6%
45	Shennongjia Dajiu Lake, Hubei	31.474355	110.026123	1.70%
46	Chenhu Lake Nature Reserve, Hubei	30.548331	114.063344	3.80%

47	Shengjin Lake National Nature Reserve, Anhui	30.386950	117.056941	3.40%
48	Nanpeng Islands National Nature Reserve, Guangdong	23.259226	117.283356	0.20%
49	Zhangye Heihe Wetland National Nature Reserve, Gansu	38.971463	100.440918	-19.80%
50	Wanghu Wetland Provincial Nature Reserve, Hubei	29.861838	115.330452	3.78%