

Table S1. Ecosystem service physical quantity of each district in Jiaxing city in 2020

District	WC	FM	CS	SR	NP	PP	CR	AP		
								SO2	NOX	DUST
Nanhu	16114.79	12498.19	14172.94	38.56	1096.30	739.73	59.62	1306.46	827.40	2805.98
Xiuzhou	21470.83	14508.20	45185.25	48.20	1669.55	795.45	93.91	1834.47	1018.34	3776.21
Jiashan	18531.20	11718.24	43519.16	42.79	1899.90	776.80	84.72	1627.84	883.68	3327.91
Haiyan	19346.72	12842.20	504075.73	58.20	1698.70	1133.05	437.40	5679.16	1102.62	9357.96
Haining	25707.49	12991.81	136857.29	93.52	1936.59	2113.05	180.21	3031.81	1340.27	5848.63
Pinghu	19365.68	15054.31	185850.59	51.49	1716.61	968.73	203.69	3121.31	1117.02	5724.00
Tongxiang	25318.90	13324.95	24195.35	59.87	1565.02	1269.04	99.91	2185.01	1382.60	4687.97
Total	145855.60	92937.88	953856.30	392.62	11582.66	7795.86	1159.47	18786.07	7671.94	35528.65

Tips: the unit of WC and FM are ‘ten thousand tons’; the unit of CS, NP, PP and AP are ‘tons’; the unit of SR is ‘ten thousand cubic meters’; the unit of CR is ‘one hundred million KWh’.

Table S2. Ecosystem service value of each district in Jiaxing city in 2020 (million CNY)

District	WC	FM	CS	SR	NP	PP	CR	AP
Nanhu	4172.12	3235.78	0.34	10.13	10.49	7.40	3219.53	5.54
Xiuzhou	5558.80	3756.17	1.07	12.66	15.98	7.95	5071.34	7.37
Jiashan	4797.73	3033.85	1.03	11.24	18.19	7.77	4574.81	6.48
Haiyan	5008.87	3324.84	11.96	15.29	16.26	11.33	23619.74	16.94
Haining	6655.67	3363.58	3.25	24.57	18.54	21.13	9731.30	11.19
Pinghu	5013.77	3897.56	4.41	13.53	16.43	9.69	10999.31	10.77
Tongxiang	6555.06	3449.83	0.57	15.73	14.98	12.69	5395.16	9.26

Total	37762.02	24061.62	22.63	103.14	110.88	77.96	62611.20	67.55
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Table S3. Ecosystem service physical quantity of each district in Jiaxing city under inertial development strategy

District	WC	FM	CS	SR	NP	PP	CR	AP		
								SO2	NOX	DUST
Nanhu	13350.50	10609.28	13366.51	38.97	1107.68	747.44	50.11	1083.82	677.18	2318.44
Xiuzhou	18600.29	12802.49	44216.66	48.62	1683.83	802.36	83.73	1597.19	858.90	3257.06
Jiashan	15896.95	10207.24	42263.80	43.20	1918.26	784.58	75.05	1405.71	736.28	2844.79
Haiyan	16741.83	11333.92	503414.22	58.64	1711.58	1142.53	427.68	5451.27	948.25	8857.67
Haining	20948.60	11017.48	135492.89	94.52	1956.09	2136.73	163.67	2645.52	1079.48	5002.20
Pinghu	16739.73	13260.12	184989.90	51.86	1728.75	975.78	193.37	2879.67	953.95	5194.96
Tongxiang	20697.13	11221.74	22607.16	60.48	1581.21	1282.23	82.88	1788.26	1115.85	3819.30
Total	122975.03	80452.28	946351.14	396.29	11687.40	7871.64	1076.48	16851.43	6369.89	31294.41

Tips: the unit of WC and FM are ‘ten thousand tons’; the unit of CS, NP, PP and AP are ‘tons’; the unit of SR is ‘ten thousand cubic meters’; the unit of CR is ‘one hundred million KWh’.

Table S4. Ecosystem service value of each district in Jiaxing city under inertial development strategy (million CNY)

District	WC	FM	CS	SR	NP	PP	CR	AP
Nanhu	3456.45	2746.74	0.32	10.24	10.60	7.47	2705.80	4.57
Xiuzhou	4815.61	3314.57	1.05	12.77	16.12	8.02	4521.27	6.33
Jiashan	4115.72	2642.65	1.00	11.35	18.36	7.85	4052.49	5.52
Haiyan	4334.46	2934.35	11.94	15.40	16.38	11.43	23094.83	15.95

Haining	5423.59	2852.43	3.21	24.83	18.73	21.37	8837.95	9.51
Pinghu	4333.92	3433.04	4.39	13.62	16.55	9.76	10441.76	9.72
Tongxiang	5358.49	2905.31	0.54	15.89	15.14	12.82	4475.74	7.53
Total	31838.24	20829.09	22.45	104.11	111.88	78.72	58129.84	59.13

Table S5. Ecosystem service physical quantity of each district in Jiaxing city under cropland protection strategy

District	WC	FM	CS	SR	NP	PP	CR	AP		
								SO2	NOX	DUST
Nanhu	16046.17	12447.18	13435.86	38.53	1095.20	739.26	59.04	1299.72	826.88	2795.79
Xiuzhou	21333.90	14418.39	42331.77	48.14	1667.38	794.81	92.10	1818.59	1023.44	3759.52
Jiashan	18326.33	11599.29	38323.46	42.66	1894.03	774.86	81.46	1599.66	893.46	3299.46
Haiyan	19279.54	12802.15	502781.40	58.17	1697.71	1132.58	436.55	5672.21	1104.89	9350.04
Haining	25603.93	12945.35	134530.08	93.41	1935.18	2111.57	178.62	3017.17	1342.90	5830.88
Pinghu	19272.45	14988.59	184527.33	51.45	1714.91	968.02	202.79	3112.47	1118.32	5712.84
Tongxiang	25161.44	13239.50	22151.17	59.86	1564.99	1268.99	98.43	2169.44	1383.31	4666.36
Total	145023.75	92440.45	938081.08	392.22	11569.41	7790.08	1148.99	18689.25	7693.20	35414.89

Tips: the unit of WC and FM are ‘ten thousand tons’; the unit of CS, NP, PP and AP are ‘tons’; the unit of SR is ‘ten thousand cubic meters’; the unit of CR is ‘one hundred million KWh’.

Table S6. Ecosystem service value of each district in Jiaxing city under cropland protection strategy (million CNY)

District	WC	FM	CS	SR	NP	PP	CR	AP
Nanhu	4154.35	3222.58	0.32	10.12	10.48	7.39	3188.38	5.52
Xiuzhou	5523.35	3732.92	1.00	12.65	15.96	7.95	4973.59	7.34

Jiashan	4744.69	3003.06	0.91	11.21	18.13	7.75	4398.87	6.44
Haiyan	4991.47	3314.48	11.93	15.28	16.25	11.33	23573.70	16.93
Haining	6628.86	3351.55	3.19	24.54	18.53	21.12	9645.33	11.17
Pinghu	4989.64	3880.54	4.38	13.52	16.42	9.68	10950.50	10.76
Tongxiang	6514.30	3427.71	0.53	15.73	14.98	12.69	5315.19	9.22
Total	37546.65	23932.83	22.25	103.04	110.75	77.90	62045.58	67.38

Table S7. Ecosystem service physical quantity of each district in Jiaxing city under ecological development strategy

District	WC	FM	CS	SR	NP	PP	CR	AP		
								SO2	NOX	DUST
Nanhu	16238.24	12587.09	14167.78	38.56	1096.46	739.81	59.19	1295.69	815.94	2800.48
Xiuzhou	21637.66	14617.88	45184.24	48.14	1668.63	794.56	93.95	1835.12	1016.30	3788.64
Jiashan	18637.54	11770.85	43521.23	42.76	1898.66	776.33	84.52	1622.74	877.34	3329.33
Haiyan	20094.87	13248.60	513459.50	58.27	1700.41	1135.47	442.53	5723.89	1117.18	9457.26
Haining	25985.26	13127.83	139813.34	93.53	1936.51	2113.15	181.77	3045.24	1342.81	5884.15
Pinghu	19605.54	15217.79	186528.79	51.46	1715.84	968.25	204.01	3123.15	1114.35	5740.41
Tongxiang	25313.31	13324.81	24145.82	59.87	1565.13	1269.20	99.78	2182.68	1380.60	4684.49
Total	147512.42	93894.86	966820.69	392.60	11581.65	7796.77	1165.75	18828.51	7664.52	35684.76

Tips: the unit of WC and FM are ‘ten thousand tons’; the unit of CS, NP, PP and AP are ‘tons’; the unit of SR is ‘ten thousand cubic meters’; the unit of CR is ‘one hundred million KWh’.

Table S8. Ecosystem service value of each district in Jiaxing city under ecological development strategy (million CNY)

District	WC	FM	CS	SR	NP	PP	CR	AP
Nanhu	4204.08	3258.80	0.34	10.13	10.50	7.40	3196.22	5.49
Xiuzhou	5601.99	3784.57	1.07	12.65	15.97	7.95	5073.09	7.37
Jiashan	4825.26	3047.47	1.03	11.23	18.18	7.76	4564.06	6.45
Haiyan	5202.56	3430.06	12.18	15.31	16.28	11.35	23896.69	17.10
Haining	6727.58	3398.80	3.32	24.57	18.54	21.13	9815.43	11.24
Pinghu	5075.87	3939.89	4.42	13.52	16.43	9.68	11016.71	10.77
Tongxiang	6553.62	3449.79	0.57	15.73	14.98	12.69	5388.36	9.25
Total	38190.97	24309.38	22.93	103.14	110.87	77.97	62950.56	67.66