Supporting Materials

Appendixes A

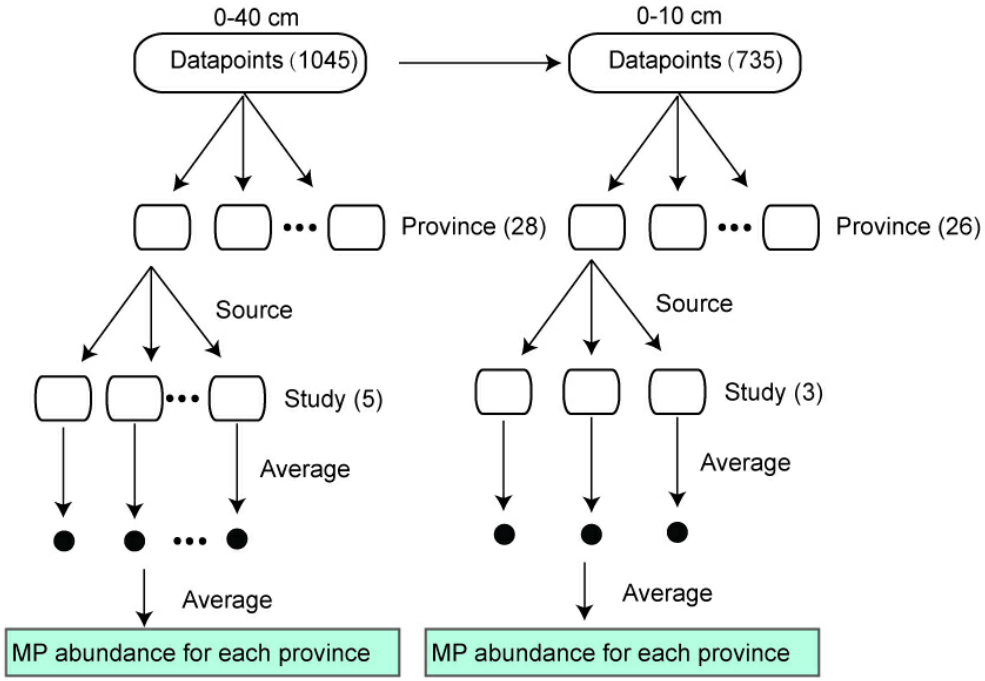

Fig. S1 Methods for calculating the average microplastic (MP) abundance in provinces.

6

7 **Table S1** 1157 datapoints on the abundance of MPs in the field from a total of 53 studies.

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
1	103.82	36.13	Loess plateau	/	0–10	40	Table 6	Zhang et al., 2018
2	103.82	36.13	Loess plateau	/	0–10	320	Table 6	Zhang et al., 2018
3	103.82	36.13	Loess plateau	/	0–10	100	Table 6	Zhang et al., 2018
4	103.82	36.13	Loess plateau	/	10–30	100	Table 6	Zhang et al., 2018
5	103.82	36.13	Loess plateau	/	10–30	120	Table 6	Zhang et al., 2018
6	103.82	36.13	Loess plateau	/	10–30	80	Table 6	Zhang et al., 2018
7	100.00	38.00	Tibetan Plateau	Qinghai	0–3	64.8554	Fig. S3 Getdata	Feng et al., 2020
8	99.00	38.50	Tibetan Plateau	Qinghai	0–3	60.341	Fig. S3 Getdata	Feng et al., 2020
9	99.00	37.50	Tibetan Plateau	Qinghai	0–3	37.0119	Fig. S3 Getdata	Feng et al., 2020
10	100.00	38.00	Tibetan Plateau	Qinghai	3–6	57.3724	Fig. S3 Getdata	Feng et al., 2020
11	99.00	38.50	Tibetan Plateau	Qinghai	3–6	51.5514	Fig. S3 Getdata	Feng et al., 2020
12	99.00	37.50	Tibetan Plateau	Qinghai	3–6	27.177	Fig. S3 Getdata	Feng et al., 2020
13	121.86	31.82	Shanghai	Shanghai	0–3	276.566	Fig. 2 Getdata	Liu et al., 2018
14	121.86	31.82	Shanghai	Shanghai	0–3	156.776	Fig. 2 Getdata	Liu et al., 2018
15	121.86	31.82	Shanghai	Shanghai	0–3	151.374	Fig. 2 Getdata	Liu et al., 2018
16	121.86	31.82	Shanghai	Shanghai	0–3	131.505	Fig. 2 Getdata	Liu et al., 2018
17	121.86	31.82	Shanghai	Shanghai	0–3	130.317	Fig. 2 Getdata	Liu et al., 2018
18	121.86	31.82	Shanghai	Shanghai	0–3	96.3847	Fig. 2 Getdata	Liu et al., 2018
19	121.86	31.82	Shanghai	Shanghai	0–3	91.8961	Fig. 2 Getdata	Liu et al., 2018
20	121.86	31.82	Shanghai	Shanghai	0–3	70.7545	Fig. 2 Getdata	Liu et al., 2018
21	121.86	31.82	Shanghai	Shanghai	0–3	65.3441	Fig. 2 Getdata	Liu et al., 2018
22	121.86	31.82	Shanghai	Shanghai	0–3	61.0369	Fig. 2 Getdata	Liu et al., 2018
23	121.86	31.82	Shanghai	Shanghai	0–3	55.6308	Fig. 2 Getdata	Liu et al., 2018

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
24	121.86	31.82	Shanghai	Shanghai	0–3	45.6939	Fig. 2 Getdata	Liu et al., 2018
25	121.86	31.82	Shanghai	Shanghai	0–3	46.7126	Fig. 2 Getdata	Liu et al., 2018
26	121.86	31.82	Shanghai	Shanghai	0–3	26.0056	Fig. 2 Getdata	Liu et al., 2018
27	121.86	31.82	Shanghai	Shanghai	0–3	50.2246	Fig. 2 Getdata	Liu et al., 2018
28	121.86	31.82	Shanghai	Shanghai	0–3	26.0984	Fig. 2 Getdata	Liu et al., 2018
29	121.86	31.82	Shanghai	Shanghai	0–3	61.3027	Fig. 2 Getdata	Liu et al., 2018
30	121.86	31.82	Shanghai	Shanghai	0–3	45.9596	Fig. 2 Getdata	Liu et al., 2018
31	121.86	31.82	Shanghai	Shanghai	0–3	60.2923	Fig. 2 Getdata	Liu et al., 2018
32	121.86	31.82	Shanghai	Shanghai	0–3	65.8757	Fig. 2 Getdata	Liu et al., 2018
33	121.86	31.82	Shanghai	Shanghai	3–6	252.024	Fig. 2 Getdata	Liu et al., 2018
34	121.86	31.82	Shanghai	Shanghai	3–6	202.571	Fig. 2 Getdata	Liu et al., 2018
35	121.86	31.82	Shanghai	Shanghai	3–6	116.853	Fig. 2 Getdata	Liu et al., 2018
36	121.86	31.82	Shanghai	Shanghai	3–6	90.39	Fig. 2 Getdata	Liu et al., 2018
37	121.86	31.82	Shanghai	Shanghai	3–6	91.5775	Fig. 2 Getdata	Liu et al., 2018
38	121.86	31.82	Shanghai	Shanghai	3–6	91.6661	Fig. 2 Getdata	Liu et al., 2018
39	121.86	31.82	Shanghai	Shanghai	3–6	60.7184	Fig. 2 Getdata	Liu et al., 2018
40	121.86	31.82	Shanghai	Shanghai	3–6	56.4112	Fig. 2 Getdata	Liu et al., 2018
41	121.86	31.82	Shanghai	Shanghai	3–6	60.8956	Fig. 2 Getdata	Liu et al., 2018
42	121.86	31.82	Shanghai	Shanghai	3–6	47.4003	Fig. 2 Getdata	Liu et al., 2018
43	121.86	31.82	Shanghai	Shanghai	3–6	26.5625	Fig. 2 Getdata	Liu et al., 2018
44	121.86	31.82	Shanghai	Shanghai	3–6	37.5941	Fig. 2 Getdata	Liu et al., 2018
45	121.86	31.82	Shanghai	Shanghai	3–6	22.2553	Fig. 2 Getdata	Liu et al., 2018
46	121.86	31.82	Shanghai	Shanghai	3–6	35.4848	Fig. 2 Getdata	Liu et al., 2018
47	121.86	31.82	Shanghai	Shanghai	3–6	8.05754	Fig. 2 Getdata	Liu et al., 2018
48	121.86	31.82	Shanghai	Shanghai	3–6	31.1776	Fig. 2 Getdata	Liu et al., 2018
49	121.86	31.82	Shanghai	Shanghai	3–6	16.9377	Fig. 2 Getdata	Liu et al., 2018

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
50	121.86	31.82	Shanghai	Shanghai	3–6	36.761	Fig. 2 Getdata	Liu et al., 2018
51	121.86	31.82	Shanghai	Shanghai	3–6	22.521	Fig. 2 Getdata	Liu et al., 2018
52	121.86	31.82	Shanghai	Shanghai	3–6	42.3443	Fig. 2 Getdata	Liu et al., 2018
53	114.26	30.84	Wuhan	Hubei	0–5	675.342	Fig. 4 Getdata	Chen et al., 2020
54	114.26	30.84	Wuhan	Hubei	0–5	1083.45	Fig. 4 Getdata	Chen et al., 2020
55	114.26	30.84	Wuhan	Hubei	0–5	3213.27	Fig. 4 Getdata	Chen et al., 2020
56	114.26	30.84	Wuhan	Hubei	0–5	4401.11	Fig. 4 Getdata	Chen et al., 2020
57	114.26	30.84	Wuhan	Hubei	0–5	1030.57	Fig. 4 Getdata	Chen et al., 2020
58	114.26	30.84	Wuhan	Hubei	0–5	719.087	Fig. 4 Getdata	Chen et al., 2020
59	114.26	30.84	Wuhan	Hubei	0–5	12560	Abstract	Chen et al., 2020
60	114.26	30.84	Wuhan	Hubei	0–5	1329.87	Fig. 4 Getdata	Chen et al., 2020
61	114.26	30.84	Wuhan	Hubei	0–5	1165.71	Fig. 4 Getdata	Chen et al., 2020
62	114.26	30.84	Wuhan	Hubei	0–5	1162.87	Fig. 4 Getdata	Chen et al., 2020
63	114.26	30.84	Wuhan	Hubei	0–5	953.783	Fig. 4 Getdata	Chen et al., 2020
64	114.26	30.84	Wuhan	Hubei	0–5	2097.68	Fig. 4 Getdata	Chen et al., 2020
65	114.26	30.84	Wuhan	Hubei	0–5	1829.5	Fig. 4 Getdata	Chen et al., 2020
66	114.26	30.84	Wuhan	Hubei	0–5	1048.33	Fig. 4 Getdata	Chen et al., 2020
67	114.26	30.84	Wuhan	Hubei	0–5	320	Abstract	Chen et al., 2020
68	114.26	30.84	Wuhan	Hubei	0–5	423.683	Fig. 4 Getdata	Chen et al., 2020
69	114.26	30.84	Wuhan	Hubei	0–5	4509.03	Fig. 4 Getdata	Chen et al., 2020
70	114.26	30.84	Wuhan	Hubei	0–5	520.755	Fig. 4 Getdata	Chen et al., 2020
71	114.26	30.84	Wuhan	Hubei	0–5	577.186	Fig. 4 Getdata	Chen et al., 2020
72	114.26	30.84	Wuhan	Hubei	0–5	676.606	Fig. 4 Getdata	Chen et al., 2020
73	118.80	32.06	Nanjing and Wuxi	Jiangsu	/	426.67	Table S2	Li et al., 2019
74	118.80	32.06	Nanjing and Wuxi	Jiangsu	/	200	Table S2	Li et al., 2019
75	118.80	32.06	Nanjing and Wuxi	Jiangsu	/	493.33	Table S2	Li et al., 2019

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
76	118.80	32.06	Nanjing and Wuxi	Jiangsu	/	306.66	Table S2	Li et al., 2019
77	118.80	32.06	Nanjing and Wuxi	Jiangsu	/	406.67	Table S2	Li et al., 2019
78	118.80	32.06	Nanjing and Wuxi	Jiangsu	/	740	Table S2	Li et al., 2019
79	114.62	37.97	Hebei	Hebei	0–20	3234.79	Fig. 2 Getdata	Wang et al., 2021b
80	114.65	37.94	Hebei	Hebei	0–20	3599.22	Fig. 2 Getdata	Wang et al., 2021b
81	114.71	37.94	Hebei	Hebei	0–20	2938.12	Fig. 2 Getdata	Wang et al., 2021b
82	114.69	37.96	Hebei	Hebei	0–20	6379.44	Fig. 2 Getdata	Wang et al., 2021b
83	114.67	37.92	Hebei	Hebei	0–20	4704.69	Fig. 2 Getdata	Wang et al., 2021b
84	126.40	43.87	Jilin	Jilin	0–20	5259.01	Fig. 2 Getdata	Wang et al., 2021b
85	126.32	43.84	Jilin	Jilin	0–20	5823.33	Fig. 2 Getdata	Wang et al., 2021b
86	126.29	43.83	Jilin	Jilin	0–20	4742.71	Fig. 2 Getdata	Wang et al., 2021b
87	126.30	43.81	Jilin	Jilin	0–20	4238.42	Fig. 2 Getdata	Wang et al., 2021b
88	126.34	43.78	Jilin	Jilin	0–20	6003.43	Fig. 2 Getdata	Wang et al., 2021b
89	126.36	43.77	Jilin	Jilin	0–20	5703.26	Fig. 2 Getdata	Wang et al., 2021b
90	117.37	36.19	Shandong	Shandong	0–20	2875.23	Fig. 2 Getdata	Wang et al., 2021b
91	117.32	36.25	Shandong	Shandong	0–20	2766.73	Fig. 2 Getdata	Wang et al., 2021b
92	117.28	36.33	Shandong	Shandong	0–20	3124.77	Fig. 2 Getdata	Wang et al., 2021b
93	117.51	36.28	Shandong	Shandong	0–20	4285.71	Fig. 2 Getdata	Wang et al., 2021b
94	117.51	36.28	Shandong	Shandong	0–20	4448.46	Fig. 2 Getdata	Wang et al., 2021b
95	112.56	29.62	Hubei	Hubei	0–20	4753.11	Fig. 2 Getdata	Wang et al., 2021b
96	112.36	29.66	Hubei	Hubei	0–20	5147.42	Fig. 2 Getdata	Wang et al., 2021b
97	112.19	29.70	Hubei	Hubei	0–20	3580.82	Fig. 2 Getdata	Wang et al., 2021b
98	112.42	29.83	Hubei	Hubei	0–20	3761.99	Fig. 2 Getdata	Wang et al., 2021b
99	112.52	29.60	Hubei	Hubei	0–20	5712.26	Fig. 2 Getdata	Wang et al., 2021b
100	112.35	29.63	Hubei	Hubei	0–20	4902.31	Fig. 2 Getdata	Wang et al., 2021b
101	109.28	34.75	Shaanxi	Shaanxi	0–20	3464.79	Fig. 2 Getdata	Wang et al., 2021b

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
102	109.31	34.77	Shaanxi	Shaanxi	0–20	3947.69	Fig. 2 Getdata	Wang et al., 2021b
103	109.36	34.77	Shaanxi	Shaanxi	0–20	2861.17	Fig. 2 Getdata	Wang et al., 2021b
104	109.38	34.74	Shaanxi	Shaanxi	0–20	4756.54	Fig. 2 Getdata	Wang et al., 2021b
105	109.35	34.75	Shaanxi	Shaanxi	0–20	5794.77	Fig. 2 Getdata	Wang et al., 2021b
106	109.67	38.32	Shaanxi	Shaanxi	0–10	4950.37	Fig. S1 Getdata	Ding et al., 2021
107	109.67	38.32	Shaanxi	Shaanxi	0–10	3722.08	Fig. S1 Getdata	Ding et al., 2021
108	109.67	38.32	Shaanxi	Shaanxi	0–10	3672.46	Fig. S1 Getdata	Ding et al., 2021
109	109.66	38.32	Shaanxi	Shaanxi	0–10	1997.52	Fig. S1 Getdata	Ding et al., 2021
110	109.65	38.33	Shaanxi	Shaanxi	0–10	2047.15	Fig. S1 Getdata	Ding et al., 2021
111	109.65	38.33	Shaanxi	Shaanxi	0–10	2208.44	Fig. S1 Getdata	Ding et al., 2021
112	109.65	38.33	Shaanxi	Shaanxi	0–10	2158.81	Fig. S1 Getdata	Ding et al., 2021
113	109.65	38.33	Shaanxi	Shaanxi	0–10	1364.76	Fig. S1 Getdata	Ding et al., 2021
114	109.65	38.33	Shaanxi	Shaanxi	0–10	1612.9	Fig. S1 Getdata	Ding et al., 2021
115	109.65	38.33	Shaanxi	Shaanxi	0–10	3076.92	Fig. S1 Getdata	Ding et al., 2021
116	109.65	38.33	Shaanxi	Shaanxi	0–10	4106.7	Fig. S1 Getdata	Ding et al., 2021
117	109.65	38.33	Shaanxi	Shaanxi	0–10	4081.89	Fig. S1 Getdata	Ding et al., 2021
118	109.71	38.33	Shaanxi	Shaanxi	0–10	2952.85	Fig. S1 Getdata	Ding et al., 2021
119	109.72	38.33	Shaanxi	Shaanxi	0–10	2518.61	Fig. S1 Getdata	Ding et al., 2021
120	109.72	38.33	Shaanxi	Shaanxi	0–10	3163.77	Fig. S1 Getdata	Ding et al., 2021
121	109.72	38.33	Shaanxi	Shaanxi	0–10	1724.57	Fig. S1 Getdata	Ding et al., 2021
122	109.71	38.33	Shaanxi	Shaanxi	0–10	2779.16	Fig. S1 Getdata	Ding et al., 2021
123	109.71	38.33	Shaanxi	Shaanxi	0–10	4131.51	Fig. S1 Getdata	Ding et al., 2021
124	109.71	38.33	Shaanxi	Shaanxi	0–10	2369.73	Fig. S1 Getdata	Ding et al., 2021
125	109.71	38.33	Shaanxi	Shaanxi	0–10	1848.64	Fig. S1 Getdata	Ding et al., 2021
126	109.71	38.33	Shaanxi	Shaanxi	0–10	3734.49	Fig. S1 Getdata	Ding et al., 2021
127	109.71	38.33	Shaanxi	Shaanxi	0–10	1848.64	Fig. S1 Getdata	Ding et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
128	109.71	38.33	Shaanxi	Shaanxi	0–10	2419.35	Fig. S1 Getdata	Ding et al., 2021
129	109.71	38.33	Shaanxi	Shaanxi	0–10	1674.94	Fig. S1 Getdata	Ding et al., 2021
130	109.70	38.33	Shaanxi	Shaanxi	0–10	2593.05	Fig. S1 Getdata	Ding et al., 2021
131	109.69	38.35	Shaanxi	Shaanxi	0–10	4888.34	Fig. S1 Getdata	Ding et al., 2021
132	86.00	44.18	Shihezi	Xinjiang	0–5	61.9	3.2. word	Huang et al., 2020
133	86.00	44.18	Shihezi	Xinjiang	0–5	203.306	Fig. 2 Getdata	Huang et al., 2020
134	86.00	44.18	Shihezi	Xinjiang	0–5	1057.85	Fig. 2 Getdata	Huang et al., 2020
135	86.00	44.18	Shihezi	Xinjiang	5—20	102.9	3.2. word	Huang et al., 2020
136	86.00	44.18	Shihezi	Xinjiang	5—20	459.504	Fig. 2 Getdata	Huang et al., 2020
137	86.00	44.18	Shihezi	Xinjiang	5—20	1396.69	Fig. 2. Getdata	Huang et al., 2020
138	86.00	44.18	Shihezi	Xinjiang	20–40	68	3.2. word	Huang et al., 2020
139	86.00	44.18	Shihezi	Xinjiang	20–40	223.14	Fig. 2 Getdata	Huang et al., 2020
140	86.00	44.18	Shihezi	Xinjiang	20–40	839.669	Fig. 2 Getdata	Huang et al., 2020
141	118.73	36.88	Shouguang	Shandong	0–5	1443	Table S1	Yu et al., 2021a
142	118.73	36.88	Shouguang	Shandong	0–5	1860	Table S1	Yu et al., 2021a
143	118.73	36.88	Shouguang	Shandong	5–10	1312	Table S1	Yu et al., 2021a
144	118.73	36.88	Shouguang	Shandong	5–10	1726	Table S1	Yu et al., 2021a
145	118.73	36.88	Shouguang	Shandong	10–25	1362	Table S1	Yu et al., 2021a
146	118.73	36.88	Shouguang	Shandong	10–25	1065	Table S1	Yu et al., 2021a
147	102.40	24.38	Shouguang	Yunnan	0–5	12760	Table 1 Sum	Zhang and Liu, 2018
148	102.40	24.39	DianLake	Yunnan	0–5	25050	Table 1 Sum	Zhang and Liu, 2018
149	102.41	24.42	DianLake	Yunnan	0–5	15390	Table 1 Sum	Zhang and Liu, 2018
150	102.41	24.42	DianLake	Yunnan	0–5	26170	Table 1 Sum	Zhang and Liu, 2018
151	102.10	24.42	DianLake	Yunnan	0–5	15880	Table 1 Sum	Zhang and Liu, 2018
152	102.40	24.38	DianLake	Yunnan	5–10	10770	Table 1 Sum	Zhang and Liu, 2018
153	102.40	24.39	DianLake	Yunnan	5–10	29840	Table 1 Sum	Zhang and Liu, 2018

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
154	102.41	24.42	DianLake	Yunnan	5–10	12920	Table 1 Sum	Zhang and Liu, 2018
155	102.41	24.42	DianLake	Yunnan	5–10	25980	Table 1 Sum	Zhang and Liu, 2018
156	102.10	24.42	DianLake	Yunnan	5–10	12820	Table 1 Sum	Zhang and Liu, 2018
157	122.86	32.82	Shanghai	Shanghai	0–10	1.73913	Fig. 5 Getdata	Lv et al., 2019
158	122.86	32.82	Shanghai	Shanghai	0–10	8.11594	Fig. 5 Getdata	Lv et al., 2019
159	122.86	32.82	Shanghai	Shanghai	0–10	3.47826	Fig. 5 Getdata	Lv et al., 2019
160	122.86	32.82	Shanghai	Shanghai	0–10	10.0483	Fig. 5 Getdata	Lv et al., 2019
161	122.86	32.82	Shanghai	Shanghai	0–10	7.343	Fig. 5 Getdata	Lv et al., 2019
162	122.86	32.82	Shanghai	Shanghai	0–10	18.3575	Fig. 5 Getdata	Lv et al., 2019
163	122.86	32.82	Shanghai	Shanghai	0–10	12.3671	Fig. 5 Getdata	Lv et al., 2019
164	122.86	32.82	Shanghai	Shanghai	0–10	18.3575	Fig. 5 Getdata	Lv et al., 2019
165	122.86	32.82	Shanghai	Shanghai	0–10	14.686	Fig. 5 Getdata	Lv et al., 2019
166	122.86	32.82	Shanghai	Shanghai	0–10	22.9952	Fig. 5 Getdata	Lv et al., 2019
167	122.86	32.82	Shanghai	Shanghai	0–10	35.5556	Fig. 5 Getdata	Lv et al., 2019
168	122.86	32.82	Shanghai	Shanghai	0–10	41.5459	Fig. 5 Getdata	Lv et al., 2019
169	122.86	32.82	Shanghai	Shanghai	0–10	4.28053	Fig. 5 Getdata	Lv et al., 2019
170	122.86	32.82	Shanghai	Shanghai	0–10	3.26481	Fig. 5 Getdata	Lv et al., 2019
171	122.86	32.82	Shanghai	Shanghai	0–10	2.66022	Fig. 5 Getdata	Lv et al., 2019
172	122.86	32.82	Shanghai	Shanghai	0–10	1.62031	Fig. 5 Getdata	Lv et al., 2019
173	122.86	32.82	Shanghai	Shanghai	0–10	3.91778	Fig. 5 Getdata	Lv et al., 2019
174	122.86	32.82	Shanghai	Shanghai	0–10	1.9347	Fig. 5 Getdata	Lv et al., 2019
175	122.86	32.82	Shanghai	Shanghai	0–10	4.95768	Fig. 5 Getdata	Lv et al., 2019
176	122.86	32.82	Shanghai	Shanghai	0–10	1.62031	Fig. 5 Getdata	Lv et al., 2019
177	122.86	32.82	Shanghai	Shanghai	0–10	13.3495	Fig. 5 Getdata	Lv et al., 2019
178	122.86	32.82	Shanghai	Shanghai	0–10	1.9347	Fig. 5 Getdata	Lv et al., 2019
179	122.86	32.82	Shanghai	Shanghai	0–10	11.971	Fig. 5 Getdata	Lv et al., 2019

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
180	122.86	32.82	Shanghai	Shanghai	0–10	1.9347	Fig. 5 Getdata	Lv et al., 2019
181	126.75	45.75	Harbin	Heilongjang	0–20	107	Table 4	Zhang et al., 2020b
182	126.75	45.75	Harbin	Heilongjang	0–20	100	Table 4	Zhang et al., 2020b
183	126.75	45.75	Harbin	Heilongjang	20–30	400	Table 4	Zhang et al., 2020b
184	126.89	45.75	Harbin	Heilongjang	0–20	100	Table 4	Zhang et al., 2020b
185	126.90	45.75	Harbin	Heilongjang	0–20	50	Table 4	Zhang et al., 2020b
186	116.20	23.19	Guiyutown	Guangdong	0–20	12300	3.2.1.word	Chai et al., 2020
187	116.20	23.19	Guiyutown	Guangdong	0–20	3570	3.2.1.word	Chai et al., 2020
188	116.20	23.19	Guiyutown	Guangdong	0–20	36.7	3.2.1.word	Chai et al., 2020
189	118.74	36.88	Shouguang, Shandong	Shandong	0–10	1114.86	Fig. 1 Getdata	Li et al., 2021
190	118.74	36.88	Shouguang	Shandong	0–10	630.631	Fig. 1 Getdata	Li et al., 2021
191	118.74	36.88	Shouguang	Shandong	0–10	405.405	Fig. 1 Getdata	Li et al., 2021
192	118.74	36.88	Shouguang	Shandong	0–10	450.45	Fig. 1 Getdata	Li et al., 2021
193	118.74	36.88	Shouguang	Shandong	0–10	394.144	Fig. 1 Getdata	Li et al., 2021
194	118.74	36.88	Shouguang	Shandong	0–10	3795.05	Fig. 1 Getdata	Li et al., 2021
195	118.74	36.88	Shouguang	Shandong	0–10	2240.99	Fig. 1 Getdata	Li et al., 2021
196	118.74	36.88	Shouguang	Shandong	0–10	3750	Fig. 1 Getdata	Li et al., 2021
197	118.74	36.88	Shouguang	Shandong	0–10	2545.05	Fig. 1 Getdata	Li et al., 2021
198	118.74	36.88	Shouguang	Shandong	0–10	1013.51	Fig. 1 Getdata	Li et al., 2021
199	118.74	36.88	Shouguang	Shandong	0–10	2815.32	Fig. 1 Getdata	Li et al., 2021
200	118.74	36.88	Shouguang	Shandong	0–10	2195.95	Fig. 1 Getdata	Li et al., 2021
201	118.74	36.88	Shouguang	Shandong	0–10	1114.86	Fig. 1 Getdata	Li et al., 2021
202	118.74	36.88	Shouguang	Shandong	0–10	3018.02	Fig. 1 Getdata	Li et al., 2021
203	118.74	36.88	Shouguang	Shandong	0–10	2150.9	Fig. 1 Getdata	Li et al., 2021
204	118.74	36.88	Shouguang	Shandong	0–10	2488.74	Fig. 1 Getdata	Li et al., 2021
205	118.74	36.88	Shouguang	Shandong	0–10	1058.56	Fig. 1 Getdata	Li et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
206	117.18	34.26	Xuzhou	Jiangsu	0–10	1002.25	Fig. 1 Getdata	Li et al., 2021
207	117.18	34.26	Xuzhou	Jiangsu	0–10	405.405	Fig. 1 Getdata	Li et al., 2021
208	117.18	34.26	Xuzhou	Jiangsu	0–10	647.523	Fig. 1 Getdata	Li et al., 2021
209	117.18	34.26	Xuzhou	Jiangsu	0–10	591.216	Fig. 1 Getdata	Li et al., 2021
210	117.18	34.26	Xuzhou	Jiangsu	0–10	686.937	Fig. 1 Getdata	Li et al., 2021
211	117.18	34.26	Xuzhou	Jiangsu	0–10	382.883	Fig. 1 Getdata	Li et al., 2021
212	117.18	34.26	Xuzhou	Jiangsu	0–10	439.189	Fig. 1 Getdata	Li et al., 2021
213	117.18	34.26	Xuzhou	Jiangsu	0–10	1531.53	Fig. 1 Getdata	Li et al., 2021
214	117.18	34.26	Xuzhou	Jiangsu	0–10	1452.7	Fig. 1 Getdata	Li et al., 2021
215	117.18	34.26	Xuzhou	Jiangsu	0–10	1846.85	Fig. 1 Getdata	Li et al., 2021
216	117.18	34.26	Xuzhou	Jiangsu	0–10	1250	Fig. 1 Getdata	Li et al., 2021
217	117.18	34.26	Xuzhou	Jiangsu	0–10	2240.99	Fig. 1 Getdata	Li et al., 2021
218	117.18	34.26	Xuzhou	Jiangsu	0–10	3406.53	Fig. 1 Getdata	Li et al., 2021
219	117.18	34.26	Xuzhou	Jiangsu	0–10	2449.32	Fig. 1 Getdata	Li et al., 2021
220	117.18	34.26	Xuzhou	Jiangsu	0–10	2488.74	Fig. 1 Getdata	Li et al., 2021
221	117.18	34.26	Xuzhou	Jiangsu	0–10	2207.21	Fig. 1 Getdata	Li et al., 2021
222	117.18	34.26	Xuzhou	Jiangsu	0–10	1340.09	Fig. 1 Getdata	Li et al., 2021
223	95.60	33.90	Qinghai	Qinghai	0–5	174.006	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
224	96.70	33.10	Qinghai	Qinghai	0–5	190.405	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
225	99.10	30.00	Sichuan	Sichuan	0–5	221.291	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
226	99.70	27.80	Yunnan	Yunnan	0–5	2387.9	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
227	100.30	26.80	Yunnan	Yunnan	0–5	2938.05	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
228	100.20	26.60	Yunnan	Yunnan	0–5	487.054	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
229	101.70	26.60	Sichuan	Sichuan	0–5	4125.6	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
230	102.60	26.50	Yunnan	Yunnan	0–5	2785.5	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
231	105.40	28.90	Sichuan	Sichuan	0–5	3696.57	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
232	106.10	29.20	Chongqing	Chongqing	0–5	2688.43	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
233	106.55	29.57	Chongqing	Chongqing	0–5	3007.92	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
234	107.80	30.70	Chongqing	Chongqing	0–5	2577.09	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
235	111.45	30.40	Hubei	Hubei	0–5	6114.46	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
236	112.90	29.80	Hubei	Hubei	0–5	2263.46	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
237	113.50	29.80	Hubei	Hubei	0–5	3737.53	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
238	113.90	29.97	Hubei	Hubei	0–5	6279.21	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
239	114.30	30.52	Hubei	Hubei	0–5	8258.28	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
240	114.87	30.44	Hubei	Hubei	0–5	4003.23	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
241	115.09	30.20	Hubei	Hubei	0–5	3976.17	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
242	115.22	29.83	Hubei	Hubei	0–5	3141.19	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
243	115.97	29.71	Jiangxi	Jiangxi	0–5	8194.12	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
244	116.56	29.90	Jiangxi	Jiangxi	0–5	5569.51	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
245	117.03	30.52	Anhui	Anhui	0–5	9179.08	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
246	117.82	30.93	Anhui	Anhui	0–5	5891.08	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
247	117.75	31.30	Anhui	Anhui	0–5	3035.88	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
248	118.38	31.33	Anhui	Anhui	0–5	2720.27	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
249	118.48	31.56	Anhui	Anhui	0–5	4915.85	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
250	118.78	32.04	Jiangsu	Jiangsu	0–5	3186.2	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
251	121.47	31.23	Shanghai	Shanghai	0–5	3736.52	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
252	95.60	33.90	Qinghai	Qinghai	10–15	243.539	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
253	96.70	33.10	Qinghai	Qinghai	10–15	256.767	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
254	99.10	30.00	Sichuan	Sichuan	10–15	255.789	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
255	99.70	27.80	Yunnan	Yunnan	10–15	828.838	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
256	100.30	26.80	Yunnan	Yunnan	10–15	2893.8	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
257	100.20	26.60	Yunnan	Yunnan	10–15	783.754	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
258	101.70	26.60	Sichuan	Sichuan	10–15	4871.67	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
259	102.60	26.50	Yunnan	Yunnan	10–15	3149.03	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
260	105.40	28.90	Sichuan	Sichuan	10–15	3578.55	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
261	106.10	29.20	Chongqing	Chongqing	10–15	3104.09	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
262	106.55	29.57	Chongqing	Chongqing	10–15	4293.81	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
263	107.80	30.70	Chongqing	Chongqing	10–15	2614.18	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
264	111.45	30.40	Hubei	Hubei	10–15	7017.82	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
265	112.90	29.80	Hubei	Hubei	10–15	2569.21	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
266	113.50	29.80	Hubei	Hubei	10–15	4332.99	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
267	113.90	29.97	Hubei	Hubei	10–15	4690.42	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
268	114.30	30.52	Hubei	Hubei	10–15	9381.17	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
269	114.87	30.44	Hubei	Hubei	10–15	4329.86	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
270	115.09	30.20	Hubei	Hubei	10–15	4257.15	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
271	115.22	29.83	Hubei	Hubei	10–15	2391	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
272	115.97	29.71	Jiangxi	Jiangxi	10–15	8114.59	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
273	116.56	29.90	Jiangxi	Jiangxi	10–15	5746.38	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
274	117.03	30.52	Anhui	Anhui	10–15	9762.56	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
275	117.82	30.93	Anhui	Anhui	10–15	4998.28	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
276	117.75	31.30	Anhui	Anhui	10–15	4308.58	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
277	118.38	31.33	Anhui	Anhui	10–15	2987.74	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
278	118.48	31.56	Anhui	Anhui	10–15	4780.08	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
279	118.78	32.04	Jiangsu	Jiangsu	10–15	5109.14	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
280	121.47	31.23	Shanghai	Shanghai	10–15	4275.89	Fig. 3and Fig. 4 Getdata	Zhou et al., 2021
281	116.20	39.56	Beijing	Beijing	0–2	2721.05	Fig.2 Getdata	Chen et al., 2021
282	116.20	39.56	Beijing	Beijing	0–2	3955.33	Fig.2 Getdata	Chen et al., 2021
283	116.20	39.56	Beijing	Beijing	0–2	1363.25	Fig.2 Getdata	Chen et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
284	116.20	39.56	Beijing	Beijing	0–2	584.621	Fig.2 Getdata	Chen et al., 2021
285	116.20	39.56	Beijing	Beijing	0–2	5173.91	Fig.2 Getdata	Chen et al., 2021
286	116.20	39.56	Beijing	Beijing	0–2	7351.22	Fig.2 Getdata	Chen et al., 2021
287	116.20	39.56	Beijing	Beijing	0–2	10344.7	Fig.2 Getdata	Chen et al., 2021
288	116.20	39.56	Beijing	Beijing	0–2	1133.38	Fig.2 Getdata	Chen et al., 2021
289	116.20	39.56	Beijing	Beijing	0–2	2404.02	Fig.2 Getdata	Chen et al., 2021
290	116.20	39.56	Beijing	Beijing	0–2	646.095	Fig.2 Getdata	Chen et al., 2021
291	116.20	39.56	Beijing	Beijing	0–2	3730.21	Fig.2 Getdata	Chen et al., 2021
292	116.20	39.56	Beijing	Beijing	0–2	1047.43	Fig.2 Getdata	Chen et al., 2021
293	116.20	39.56	Beijing	Beijing	0–2	5818.02	Fig.2 Getdata	Chen et al., 2021
294	116.20	39.56	Beijing	Beijing	0–2	1231.13	Fig.2 Getdata	Chen et al., 2021
295	116.20	39.56	Beijing	Beijing	0–2	6999.18	Fig.2 Getdata	Chen et al., 2021
296	116.20	39.56	Beijing	Beijing	0–2	6546.92	Fig.2 Getdata	Chen et al., 2021
297	116.20	39.56	Beijing	Beijing	0–2	13348.6	Fig.2 Getdata	Chen et al., 2021
298	116.20	39.56	Beijing	Beijing	0–2	437.921	Fig.2 Getdata	Chen et al., 2021
299	116.20	39.56	Beijing	Beijing	0–2	13895	Fig.2 Getdata	Chen et al., 2021
300	116.20	39.56	Beijing	Beijing	0–2	1419.52	Fig.2 Getdata	Chen et al., 2021
301	116.20	39.56	Beijing	Beijing	0–2	11413	Fig.2 Getdata	Chen et al., 2021
302	116.20	39.56	Beijing	Beijing	0–2	696.48	Fig.2 Getdata	Chen et al., 2021
303	116.20	39.56	Beijing	Beijing	0–2	1386.76	Fig.2 Getdata	Chen et al., 2021
304	116.20	39.56	Beijing	Beijing	0–2	11090	Fig.2 Getdata	Chen et al., 2021
305	116.20	39.56	Beijing	Beijing	0–2	4236.33	Fig.2 Getdata	Chen et al., 2021
306	116.20	39.56	Beijing	Beijing	0–2	1154.62	Fig.2 Getdata	Chen et al., 2021
307	116.20	39.56	Beijing	Beijing	0–2	1482.25	Fig.2 Getdata	Chen et al., 2021
308	116.20	39.56	Beijing	Beijing	0–2	3659.58	Fig.2 Getdata	Chen et al., 2021
309	116.20	39.56	Beijing	Beijing	0–2	1538.96	Fig.2 Getdata	Chen et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
310	116.20	39.56	Beijing	Beijing	0–2	4387.27	Fig.2 Getdata	Chen et al., 2021
311	116.20	39.56	Beijing	Beijing	0–2	4388.48	Fig.2 Getdata	Chen et al., 2021
312	94.36	29.65	Tibetan	Tibetan	0–6	48.2985	Fig. S1 Getdata	Feng et al., 2021a
313	99.71	27.82	Yunnan	Yunnan	0–6	60.9262	Fig. S1 Getdata	Feng et al., 2021a
314	100.00	30.00	Sichuan	Sichuan	0–6	54.8929	Fig. S1 Getdata	Feng et al., 2021a
315	96.60	33.20	Qinghai	Qinghai	0–6	23.7659	Fig. S1 Getdata	Feng et al., 2021a
316	103.43	27.32	Zhaoyang	Yunnan	0–30	14806.9	Fig. 1 Getdata	Huang et al., 2021
317	104.29	26.17	Xuanwei	Yunnan	0–30	5513.51	Fig. 1 Getdata	Huang et al., 2021
318	103.46	25.20	Qilin	Yunnan	0–30	5699.93	Fig. 1 Getdata	Huang et al., 2021
319	103.21	25.36	Xundian	Yunnan	0–30	11914.7	Fig. 1 Getdata	Huang et al., 2021
320	102.43	24.03	Tonghai	Yunnan	0–30	2425.62	Fig. 1 Getdata	Huang et al., 2021
321	104.18	23.43	Yanshan	Yunnan	0–30	4687.82	Fig. 1 Getdata	Huang et al., 2021
322	102.58	23.38	Jianshui	Yunnan	0–30	5764.32	Fig. 1 Getdata	Huang et al., 2021
323	100.43	25.35	Xiangyun	Yunnan	0–30	11879	Fig. 1 Getdata	Huang et al., 2021
324	98.34	24.42	Tengchong	Yunnan	0–30	6141	Fig. 1 Getdata	Huang et al., 2021
325	101.34	23.39	Mojiang	Yunnan	0–30	10675.5	Fig. 1 Getdata	Huang et al., 2021
326	114.40	30.50	Wuhan	Hubei	0–5	410000.00	Abstract	Zhou et al., 2019
327	114.40	30.50	Wuhan	Hubei	0–5	160000.00	Abstract	Zhou et al., 2019
328	114.40	30.50	Wuhan	Hubei	0–5	120000.00	Abstract	Zhou et al., 2019
329	121.88	29.90	Bei Lun	Zhejiang	0–10	605.773	Fig. S2 Getdata	Zhou et al., 2020a
330	121.62	30.01	Zhen Hai. Ningbo	Zhejiang	0–10	771.167	Fig. S2 Getdata	Zhou et al., 2020a
331	121.36	30.21	Ci Xi Qiaotou	Zhejiang	0–10	484.034	Fig. S2 Getdata	Zhou et al., 2020a
332	121.37	30.28	Ci Xi Batang Qiao	Zhejiang	0–10	807.022	Fig. S2 Getdata	Zhou et al., 2020a
333	121.18	30.31	Ci Xi Daqiao	Zhejiang	0–10	83.5392	Fig. S2 Getdata	Zhou et al., 2020a
334	121.12	30.24	Ci Xi Zhoutao	Zhejiang	0–10	1238.83	Fig. S2 Getdata	Zhou et al., 2020a
335	120.95	30.13	Yu Yao	Zhejiang	0–10	285.043	Fig. S2 Getdata	Zhou et al., 2020a

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
336	120.69	30.09	Shao Xing	Zhejiang	0–10	280.752	Fig. S2 Getdata	Zhou et al., 2020a
337	120.60	30.21	Xiao Shan	Zhejiang	0–10	147.169	Fig. S2 Getdata	Zhou et al., 2020a
338	120.74	30.39	Hai Ning	Zhejiang	0–10	191.359	Fig. S2 Getdata	Zhou et al., 2020a
339	120.90	30.42	Hai Yan Daheyan	Zhejiang	0–10	768.887	Fig. S2 Getdata	Zhou et al., 2020a
340	120.96	30.59	Hai Yan Funcun	Zhejiang	0–10	271.662	Fig. S2 Getdata	Zhou et al., 2020a
341	121.12	30.63	Ping Hu	Zhejiang	0–10	453.233	Fig. S2 Getdata	Zhou et al., 2020a
342	121.54	30.94	Fen Xian	Shanghai	0–10	2000	Fig. S2 Getdata	Zhou et al., 2020a
343	121.83	30.93	Nan Hui	Shanghai	0–10	359.799	Fig. S2 Getdata	Zhou et al., 2020a
344	121.88	29.90	Bei Lun	Zhejiang	0–10	104.83	Fig. S2 Getdata	Zhou et al., 2020a
345	121.62	30.01	Zhen Hai, Ningbo	Zhejiang	0–10	104.614	Fig. S2 Getdata	Zhou et al., 2020a
346	121.36	30.21	Ci Xi Qiaotou	Zhejiang	0–10	981.112	Fig. S2 Getdata	Zhou et al., 2020a
347	121.37	30.28	Ci Xi Batang Qiao	Zhejiang	0–10	1142.46	Fig. S2 Getdata	Zhou et al., 2020a
348	121.18	30.31	Ci Xi Daqiao	Zhejiang	0–10	378.594	Fig. S2 Getdata	Zhou et al., 2020a
349	121.12	30.24	Ci Xi Zhoutao	Zhejiang	0–10	143.963	Fig. S2 Getdata	Zhou et al., 2020a
350	120.95	30.13	Yu Yao	Zhejiang	0–10	216.47	Fig. S2 Getdata	Zhou et al., 2020a
351	120.69	30.09	Shao Xing	Zhejiang	0–10	0	Fig. S2 Getdata	Zhou et al., 2020a
352	120.60	30.21	Xiao Shan	Zhejiang	0–10	78.5694	Fig. S2 Getdata	Zhou et al., 2020a
353	120.74	30.39	Hai Ning	Zhejiang	0–10	1.57442	Fig. S2 Getdata	Zhou et al., 2020a
354	120.90	30.42	Hai Yan Daheyan	Zhejiang	0–10	474.034	Fig. S2 Getdata	Zhou et al., 2020a
355	120.96	30.59	Hai Yan Funcun	Zhejiang	0–10	0	Fig. S2 Getdata	Zhou et al., 2020a
356	121.12	30.63	Ping Hu	Zhejiang	0–10	41.2005	Fig. S2 Getdata	Zhou et al., 2020a
357	121.54	30.94	Fen Xian	Shanghai	0–10	20.7748	Fig. S2 Getdata	Zhou et al., 2020a
358	121.83	30.93	Nan Hui	Shanghai	0–10	262.932	Fig. S2 Getdata	Zhou et al., 2020a
359	107.98	21.46	Guangxi province	Guangxi	/	179	Fig. 1	Zhou et al., 2020c
360	108.20	21.51	Guangxi province	Guangxi	/	40.6	Fig. 1	Zhou et al., 2020c
361	108.52	21.63	Guangxi province	Guangxi	/	146.7	Fig. 1	Zhou et al., 2020c

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
362	108.99	21.56	Guangxi province	Guangxi	/	501.4	Fig. 1	Zhou et al., 2020c
363	109.15	21.33	Guangxi province	Guangxi	/	274.7	Fig. 1	Zhou et al., 2020c
364	109.66	21.51	Guangxi province	Guangxi	/	5738	Fig. 1	Zhou et al., 2020c
365	109.74	21.41	Guangxi province	Guangxi	/	87.8	Fig. 1	Zhou et al., 2020c
366	110.75	19.90	Guangxi province	Guangxi	/	33.9	Fig. 1	Zhou et al., 2020c
367	109.78	18.20	Hainan province	Hainan	/	167	Fig. 1	Zhou et al., 2020c
368	110.00	20.48	Hainan province	Hainan	/	125	Fig. 1	Zhou et al., 2020c
369	110.72	21.58	Guangdong province	Guangdong	/	84.2	Fig. 1	Zhou et al., 2020c
370	111.87	21.65	Guangdong province	Guangdong	/	122.2	Fig. 1	Zhou et al., 2020c
371	112.61	21.87	Guangdong province	Guangdong	/	142.9	Fig. 1	Zhou et al., 2020c
372	113.36	22.57	Guangdong province	Guangdong	/	141.2	Fig. 1	Zhou et al., 2020c
373	114.34	22.57	Guangdong province	Guangdong	/	157	Fig. 1	Zhou et al., 2020c
374	116.55	23.59	Fujian province	Fujian	/	8.3	Fig. 1	Zhou et al., 2020c
375	117.72	23.82	Fujian province	Fujian	/	208.2	Fig. 1	Zhou et al., 2020c
376	117.91	24.49	Fujian province	Fujian	/	178.7	Fig. 1	Zhou et al., 2020c
377	118.79	25.04	Fujian province	Fujian	/	208.3	Fig. 1	Zhou et al., 2020c
378	120.93	28.44	Zhejiang province	Zhejiang	/	116.7	Fig. 1	Zhou et al., 2020c
379	118.50	39.30	Tangshan	Hebei	0–2	634	2.1 word	Zhou et al., 2016
380	120.42	31.45	Jiangsu province	Jiangsu	0–20	40.2	Table 1	Yang et al., 2021
381	120.42	31.45	Jiangsu province	Jiangsu	0–20	149.2	Table 1	Yang et al., 2021
382	120.42	31.45	Jiangsu province	Jiangsu	0–20	68.6	Table 1	Yang et al., 2021
383	120.42	31.45	Jiangsu province	Jiangsu	0–20	73.1	Table 1	Yang et al., 2021
384	110.51	25.26	Guilin,Guangxi	Guangxi	0–30	545.9	Abstract	Zhang et al., 2020a
385	110.51	25.26	Guilin,Guangxi	Guangxi	0–30	87.6	Abstract	Zhang et al., 2020a
386	110.51	25.26	Guilin,Guangxi	Guangxi	0–30	5	Abstract	Zhang et al., 2020a
387	110.51	25.26	Guilin,Guangxi	Guangxi	0–5	176.773	Fig. 4 Getdata	Zhang et al., 2020a

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
388	110.51	25.26	Guilin,Guangxi	Guangxi	0–5	26.9066	Fig. 4 Getdata	Zhang et al., 2020a
389	110.51	25.26	Guilin,Guangxi	Guangxi	0–5	4	Fig. 4 Getdata	Zhang et al., 2020a
390	110.51	25.26	Guilin,Guangxi	Guangxi	5–15	327.093	Fig. 4 Getdata	Zhang et al., 2020a
391	110.51	25.26	Guilin,Guangxi	Guangxi	5–15	44.904	Fig. 4 Getdata	Zhang et al., 2020a
392	110.51	25.26	Guilin,Guangxi	Guangxi	5–15	1	Fig. 4 Getdata	Zhang et al., 2020a
393	110.51	25.26	Guilin,Guangxi	Guangxi	15–25	32.2643	Fig. 4 Getdata	Zhang et al., 2020a
394	110.51	25.26	Guilin,Guangxi	Guangxi	15–25	13.5484	Fig. 4 Getdata	Zhang et al., 2020a
395	110.51	25.26	Guilin,Guangxi	Guangxi	15–25	0	Fig. 4 Getdata	Zhang et al., 2020a
396	107.05	40.40	Inner Mongolia	Inner Mongolia	0–10	895.495	Fig. 1 Getdata	Wang et al., 2020
397	107.07	40.44	Inner Mongolia	Inner Mongolia	0–10	896.598	Fig. 1 Getdata	Wang et al., 2020
398	107.04	40.39	Inner Mongolia	Inner Mongolia	0–10	1448.1	Fig. 1 Getdata	Wang et al., 2020
399	107.01	40.43	Inner Mongolia	Inner Mongolia	0–10	1614.97	Fig. 1 Getdata	Wang et al., 2020
400	107.03	40.47	Inner Mongolia	Inner Mongolia	0–10	2047.11	Fig. 1 Getdata	Wang et al., 2020
401	106.96	40.47	Inner Mongolia	Inner Mongolia	0–10	2194.11	Fig. 1 Getdata	Wang et al., 2020
402	107.05	40.40	Inner Mongolia	Inner Mongolia	10–20	802.951	Fig. 1 Getdata	Wang et al., 2020
403	107.07	40.44	Inner Mongolia	Inner Mongolia	10–20	850.473	Fig. 1 Getdata	Wang et al., 2020
404	107.04	40.39	Inner Mongolia	Inner Mongolia	10–20	1335.66	Fig. 1 Getdata	Wang et al., 2020
405	107.01	40.43	Inner Mongolia	Inner Mongolia	10–20	1575.51	Fig. 1 Getdata	Wang et al., 2020
406	107.03	40.47	Inner Mongolia	Inner Mongolia	10–20	1994.36	Fig. 1 Getdata	Wang et al., 2020
407	106.96	40.47	Inner Mongolia	Inner Mongolia	10–20	2108.19	Fig. 1 Getdata	Wang et al., 2020
408	107.05	40.40	Inner Mongolia	Inner Mongolia	20–30	756.811	Fig. 1 Getdata	Wang et al., 2020
409	107.07	40.44	Inner Mongolia	Inner Mongolia	20–30	830.873	Fig. 1 Getdata	Wang et al., 2020
410	107.04	40.39	Inner Mongolia	Inner Mongolia	20–30	1289.52	Fig. 1 Getdata	Wang et al., 2020
411	107.01	40.43	Inner Mongolia	Inner Mongolia	20–30	1429.9	Fig. 1 Getdata	Wang et al., 2020
412	107.03	40.47	Inner Mongolia	Inner Mongolia	20–30	1822.22	Fig. 1 Getdata	Wang et al., 2020
413	106.96	40.47	Inner Mongolia	Inner Mongolia	20–30	1962.58	Fig. 1 Getdata	Wang et al., 2020

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
414	122.48	41.55	Liao River Basin	Liaoning	0–5	106.996	Fig. 3 Getdata	Han et al., 2021
415	122.48	41.55	Liao River Basin	Liaoning	0–5	53.4979	Fig. 3 Getdata	Han et al., 2021
416	122.48	41.55	Liao River Basin	Liaoning	0–5	39.0947	Fig. 3 Getdata	Han et al., 2021
417	122.48	41.55	Liao River Basin	Liaoning	0–5	47.3251	Fig. 3 Getdata	Han et al., 2021
418	122.48	41.55	Liao River Basin	Liaoning	0–5	32.9218	Fig. 3 Getdata	Han et al., 2021
419	122.48	41.55	Liao River Basin	Liaoning	0–5	34.9794	Fig. 3 Getdata	Han et al., 2021
420	122.48	41.55	Liao River Basin	Liaoning	0–5	59.6708	Fig. 3 Getdata	Han et al., 2021
421	122.48	41.55	Liao River Basin	Liaoning	0–5	72.0165	Fig. 3 Getdata	Han et al., 2021
422	122.48	41.55	Liao River Basin	Liaoning	0–5	32.9218	Fig. 3 Getdata	Han et al., 2021
423	122.48	41.55	Liao River Basin	Liaoning	0–5	26.749	Fig. 3 Getdata	Han et al., 2021
424	122.48	41.55	Liao River Basin	Liaoning	0–5	88.4774	Fig. 3 Getdata	Han et al., 2021
425	122.48	41.55	Liao River Basin	Liaoning	0–5	14.4033	Fig. 3 Getdata	Han et al., 2021
426	122.48	41.55	Liao River Basin	Liaoning	0–5	32.9218	Fig. 3 Getdata	Han et al., 2021
427	122.48	41.55	Liao River Basin	Liaoning	0–5	139.918	Fig. 3 Getdata	Han et al., 2021
428	122.48	41.55	Liao River Basin	Liaoning	0–5	121.399	Fig. 3 Getdata	Han et al., 2021
429	122.48	41.55	Liao River Basin	Liaoning	0–5	100.823	Fig. 3 Getdata	Han et al., 2021
430	122.48	41.55	Liao River Basin	Liaoning	0–5	88.4774	Fig. 3 Getdata	Han et al., 2021
431	122.48	41.55	Liao River Basin	Liaoning	0–5	401.235	Fig. 3 Getdata	Han et al., 2021
432	122.48	41.55	Liao River Basin	Liaoning	0–5	154.321	Fig. 3 Getdata	Han et al., 2021
433	122.48	41.55	Liao River Basin	Liaoning	0–5	53.4979	Fig. 3 Getdata	Han et al., 2021
434	122.48	41.55	Liao River Basin	Liaoning	0–5	520.576	Fig. 3 Getdata	Han et al., 2021
435	122.48	41.55	Liao River Basin	Liaoning	0–5	432.099	Fig. 3 Getdata	Han et al., 2021
436	122.48	41.55	Liao River Basin	Liaoning	0–5	100.823	Fig. 3 Getdata	Han et al., 2021
437	122.48	41.55	Liao River Basin	Liaoning	0–5	246.914	Fig. 3 Getdata	Han et al., 2021
438	122.48	41.55	Liao River Basin	Liaoning	0–5	47.3251	Fig. 3 Getdata	Han et al., 2021
439	122.48	41.55	Liao River Basin	Liaoning	0–5	333.333	Fig. 3 Getdata	Han et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
440	122.48	41.55	Liao River Basin	Liaoning	0–5	884.774	Fig. 3 Getdata	Han et al., 2021
441	122.48	41.55	Liao River Basin	Liaoning	0–5	100.823	Fig. 3 Getdata	Han et al., 2021
442	122.48	41.55	Liao River Basin	Liaoning	0–5	80.2469	Fig. 3 Getdata	Han et al., 2021
443	122.48	41.55	Liao River Basin	Liaoning	0–5	106.996	Fig. 3 Getdata	Han et al., 2021
444	122.48	41.55	Liao River Basin	Liaoning	0–5	47.3251	Fig. 3 Getdata	Han et al., 2021
445	122.48	41.55	Liao River Basin	Liaoning	0–5	72.0165	Fig. 3 Getdata	Han et al., 2021
446	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	/	213.8	Abstract	Tian et al., 2019
447	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	212.25	Fig. 6 Getdata	Zhu et al., 2021
448	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	289.80	Fig. 6 Getdata	Zhu et al., 2021
449	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	200.00	Fig. 6 Getdata	Zhu et al., 2021
450	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	212.25	Fig. 6 Getdata	Zhu et al., 2021
451	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	142.86	Fig. 6 Getdata	Zhu et al., 2021
452	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	138.78	Fig. 6 Getdata	Zhu et al., 2021
453	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	265.31	Fig. 6 Getdata	Zhu et al., 2021
454	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	320.00	2.4.3 word	Zhu et al., 2021
455	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	400.00	2.4.3 word	Zhu et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
456	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	191.84	Fig. 6 Getdata	Zhu et al., 2021
457	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	191.84	Fig. 6 Getdata	Zhu et al., 2021
458	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	232.65	Fig. 6 Getdata	Zhu et al., 2021
459	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	171.43	Fig. 6 Getdata	Zhu et al., 2021
460	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	114.29	Fig. 6 Getdata	Zhu et al., 2021
461	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	410.00	2.4.3 word	Zhu et al., 2021
462	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	297.96	Fig. 6 Getdata	Zhu et al., 2021
463	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	940.00	2.4.3 word	Zhu et al., 2021
464	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	460.00	2.4.3 word	Zhu et al., 2021
465	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	122.45	Fig. 6 Getdata	Zhu et al., 2021
466	112.00	38.00	Middle and Upper Fen River Basin	Shanxi	0–20	408.16	Fig. 6 Getdata	Zhu et al., 2021
467	122.33	40.90	Liao River Basin	Liaoning	0–5	143.345	Fig. 8 Getdata	Han et al., 2020
468	122.33	40.90	Liao River Basin	Liaoning	0–5	979.522	Fig. 8 Getdata	Han et al., 2020
469	122.33	40.90	Liao River Basin	Liaoning	0–5	387.031	Fig. 8 Getdata	Han et al., 2020
470	122.33	40.90	Liao River Basin	Liaoning	0–5	109.898	Fig. 8 Getdata	Han et al., 2020

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
471	122.33	40.90	Liao River Basin	Liaoning	0–5	248.464	Fig. 8 Getdata	Han et al., 2020
472	122.33	40.90	Liao River Basin	Liaoning	0–5	62.116	Fig. 8 Getdata	Han et al., 2020
473	122.33	40.90	Liao River Basin	Liaoning	0–5	90.785	Fig. 8 Getdata	Han et al., 2020
474	122.33	40.90	Liao River Basin	Liaoning	0–5	181.57	Fig. 8 Getdata	Han et al., 2020
475	99.84	39.14	Gaotai County	Gansu	0–30	1271.19	Fig. 2 Getdata	Cheng et al., 2020
476	99.84	39.14	Gaotai County	Gansu	0–30	1059.32	Fig. 2 Getdata	Cheng et al., 2020
477	99.84	39.14	Gaotai County	Gansu	0–30	1112.29	Fig. 2 Getdata	Cheng et al., 2020
478	102.64	37.93	Liangzhou District	Gansu	0–30	2118.64	Fig. 2 Getdata	Cheng et al., 2020
479	102.64	37.93	Liangzhou District	Gansu	0–30	2489.41	Fig. 2 Getdata	Cheng et al., 2020
480	102.64	37.93	Liangzhou District	Gansu	0–30	4449.15	Fig. 2 Getdata	Cheng et al., 2020
481	103.22	35.62	Linxia County	Gansu	0–30	4290.25	Fig. 2 Getdata	Cheng et al., 2020
482	103.22	35.62	Linxia County	Gansu	0–30	6038.14	Fig. 2 Getdata	Cheng et al., 2020
483	103.22	35.62	Linxia County	Gansu	0–30	4449.15	Fig. 2 Getdata	Cheng et al., 2020
484	104.61	35.58	Anding District	Gansu	0–30	7997.88	Fig. 2 Getdata	Cheng et al., 2020
485	104.61	35.58	Anding District	Gansu	0–30	6779.66	Fig. 2 Getdata	Cheng et al., 2020
486	104.61	35.58	Anding District	Gansu	0–30	4502.12	Fig. 2 Getdata	Cheng et al., 2020
487	104.19	35.17	Weiyuan County	Gansu	0–30	8898.31	Fig. 2 Getdata	Cheng et al., 2020
488	104.19	35.17	Weiyuan County	Gansu	0–30	10858.1	Fig. 2 Getdata	Cheng et al., 2020
489	104.19	35.17	Weiyuan County	Gansu	0–30	6250	Fig. 2 Getdata	Cheng et al., 2020
490	107.22	35.70	Zhenyuan County	Gansu	0–30	11334.7	Fig. 2 Getdata	Cheng et al., 2020
491	107.22	35.70	Zhenyuan County	Gansu	0–30	6567.8	Fig. 2 Getdata	Cheng et al., 2020
492	107.22	35.70	Zhenyuan County	Gansu	0–30	6408.9	Fig. 2 Getdata	Cheng et al., 2020
493	107.38	35.31	Jingchuan County	Gansu	0–30	11334.7	Fig. 2 Getdata	Cheng et al., 2020
494	107.38	35.31	Jingchuan County	Gansu	0–30	15360.2	Fig. 2 Getdata	Cheng et al., 2020
495	107.38	35.31	Jingchuan County	Gansu	0–30	8527.54	Fig. 2 Getdata	Cheng et al., 2020
496	108.79	37.60	Jingbian County	Shaanxi	0–30	11864.4	Fig. 2 Getdata	Cheng et al., 2020

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
497	108.79	37.60	Jingbian County	Shaanxi	0–30	2118.64	Fig. 2 Getdata	Cheng et al., 2020
498	108.79	37.60	Jingbian County	Shaanxi	0–30	2330.51	Fig. 2 Getdata	Cheng et al., 2020
499	109.73	38.28	Yuyang District	Shaanxi	0–30	2118.64	Fig. 2 Getdata	Cheng et al., 2020
500	109.73	38.28	Yuyang District	Shaanxi	0–30	2913.14	Fig. 2 Getdata	Cheng et al., 2020
501	109.73	38.28	Yuyang District	Shaanxi	0–30	582.627	Fig. 2 Getdata	Cheng et al., 2020
502	121.00	30.00	The Hangzhou Bay	Zhejiang	0–10	17.30	Fig. 1 Getdata	Fei et al., 2021
503	121.00	30.00	The Hangzhou Bay	Zhejiang	0–10	860.90	Fig. 1 Getdata	Fei et al., 2021
504	121.00	30.00	The Hangzhou Bay	Zhejiang	0–10	582.35	Fig. 1 Getdata	Fei et al., 2021
505	121.00	30.00	The Hangzhou Bay	Zhejiang	0–10	208.30	Fig. 1 Getdata	Fei et al., 2021
506	118.90	37.92	Yellow River Delta Wetland	Shandong	0–2	60	Table 3	Yue et al., 2021
507	118.90	37.92	Yellow River Delta Wetland	Shandong	0–2	1423	Table 3	Yue et al., 2021
508	118.90	37.92	Yellow River Delta Wetland	Shandong	0–2	584	Table 3	Yue et al., 2021
509	119.50	31.00	Jiangsu	Jiangsu	0–20	62.7119	Fig. 2 Getdata	Cao et al., 2021
510	119.50	31.00	Jiangsu	Jiangsu	0–20	17.1429	Fig. 2 Getdata	Cao et al., 2021
511	119.50	31.00	Jiangsu	Jiangsu	0–20	16.9492	Fig. 2 Getdata	Cao et al., 2021
512	119.50	31.00	Jiangsu	Jiangsu	0–20	40.9091	Fig. 2 Getdata	Cao et al., 2021
513	119.50	31.00	Jiangsu	Jiangsu	0–20	17.0455	Fig. 2 Getdata	Cao et al., 2021
514	119.50	31.00	Jiangsu	Jiangsu	0–20	20.4545	Fig. 2 Getdata	Cao et al., 2021
515	119.50	31.00	Jiangsu	Jiangsu	0–20	54.5455	Fig. 2 Getdata	Cao et al., 2021
516	119.50	31.00	Jiangsu	Jiangsu	0–20	8.52273	Fig. 2 Getdata	Cao et al., 2021
517	119.50	31.00	Jiangsu	Jiangsu	0–20	252.7	3.1 word	Cao et al., 2021
518	119.50	31.00	Jiangsu	Jiangsu	0–20	34.0909	Fig. 2 Getdata	Cao et al., 2021
519	119.50	31.00	Jiangsu	Jiangsu	0–20	22.0339	Fig. 2 Getdata	Cao et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
520	119.50	31.00	Jiangsu	Jiangsu	0–20	47.4535	Fig. 2 Getdata	Cao et al., 2021
521	119.50	31.00	Jiangsu	Jiangsu	0–20	47.4576	Fig. 2 Getdata	Cao et al., 2021
522	119.50	31.00	Jiangsu	Jiangsu	0–20	78.4091	Fig. 2 Getdata	Cao et al., 2021
523	119.50	31.00	Jiangsu	Jiangsu	0–20	44.3182	Fig. 2 Getdata	Cao et al., 2021
524	119.50	31.00	Jiangsu	Jiangsu	0–20	39.6571	Fig. 2 Getdata	Cao et al., 2021
525	119.50	31.00	Jiangsu	Jiangsu	0–20	21.9397	Fig. 2 Getdata	Cao et al., 2021
526	119.50	31.00	Jiangsu	Jiangsu	0–20	13.5598	Fig. 2 Getdata	Cao et al., 2021
527	119.50	31.00	Jiangsu	Jiangsu	0–20	50.4313	Fig. 2 Getdata	Cao et al., 2021
528	119.50	31.00	Jiangsu	Jiangsu	0–20	5.17989	Fig. 2 Getdata	Cao et al., 2021
529	119.50	31.00	Jiangsu	Jiangsu	0–20	88.9788	Fig. 2 Getdata	Cao et al., 2021
530	119.50	31.00	Jiangsu	Jiangsu	0–20	8.5318	Fig. 2 Getdata	Cao et al., 2021
531	119.50	31.00	Jiangsu	Jiangsu	0–20	35.3475	Fig. 2 Getdata	Cao et al., 2021
532	119.50	31.00	Jiangsu	Jiangsu	0–20	13.5598	Fig. 2 Getdata	Cao et al., 2021
533	119.50	31.00	Jiangsu	Jiangsu	0–20	60.4872	Fig. 2 Getdata	Cao et al., 2021
534	119.50	31.00	Jiangsu	Jiangsu	0–20	25.2916	Fig. 2 Getdata	Cao et al., 2021
535	119.50	31.00	Jiangsu	Jiangsu	0–20	28.6436	Fig. 2 Getdata	Cao et al., 2021
536	119.50	31.00	Jiangsu	Jiangsu	0–20	37.0235	Fig. 2 Getdata	Cao et al., 2021
537	119.50	31.00	Jiangsu	Jiangsu	0–20	15.2358	Fig. 2 Getdata	Cao et al., 2021
538	119.50	31.00	Jiangsu	Jiangsu	0–20	207.973	Fig. 2 Getdata	Cao et al., 2021
539	119.50	31.00	Jiangsu	Jiangsu	0–20	23.6156	Fig. 2 Getdata	Cao et al., 2021
540	119.50	31.00	Jiangsu	Jiangsu	0–20	50.4313	Fig. 2 Getdata	Cao et al., 2021
541	119.50	31.00	Jiangsu	Jiangsu	0–20	13.5598	Fig. 2 Getdata	Cao et al., 2021
542	119.50	31.00	Jiangsu	Jiangsu	0–20	30.3196	Fig. 2 Getdata	Cao et al., 2021
543	119.50	31.00	Jiangsu	Jiangsu	0–20	13.5598	Fig. 2 Getdata	Cao et al., 2021
544	119.50	31.00	Jiangsu	Jiangsu	0–20	20.2637	Fig. 2 Getdata	Cao et al., 2021
545	119.50	31.00	Jiangsu	Jiangsu	0–20	87.3028	Fig. 2 Getdata	Cao et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
546	119.50	31.00	Jiangsu	Jiangsu	0–20	31.9955	Fig. 2 Getdata	Cao et al., 2021
547	119.50	31.00	Jiangsu	Jiangsu	0–20	13.5598	Fig. 2 Getdata	Cao et al., 2021
548	119.50	31.00	Jiangsu	Jiangsu	0–20	13.5598	Fig. 2 Getdata	Cao et al., 2021
549	119.50	31.00	Jiangsu	Jiangsu	0–20	10.2078	Fig. 2 Getdata	Cao et al., 2021
550	119.50	31.00	Jiangsu	Jiangsu	0–20	28.6436	Fig. 2 Getdata	Cao et al., 2021
551	119.50	31.00	Jiangsu	Jiangsu	0–20	13.5598	Fig. 2 Getdata	Cao et al., 2021
552	119.50	31.00	Jiangsu	Jiangsu	0–20	10.2078	Fig. 2 Getdata	Cao et al., 2021
553	119.50	31.00	Jiangsu	Jiangsu	0–20	174.454	Fig. 2 Getdata	Cao et al., 2021
554	119.50	31.00	Jiangsu	Jiangsu	0–20	37.0235	Fig. 2 Getdata	Cao et al., 2021
555	119.50	31.00	Jiangsu	Jiangsu	0–20	23.6156	Fig. 2 Getdata	Cao et al., 2021
556	119.50	31.00	Jiangsu	Jiangsu	0–20	20.2637	Fig. 2 Getdata	Cao et al., 2021
557	119.50	31.00	Jiangsu	Jiangsu	0–20	21.9397	Fig. 2 Getdata	Cao et al., 2021
558	119.50	31.00	Jiangsu	Jiangsu	0–20	20.2637	Fig. 2 Getdata	Cao et al., 2021
559	119.50	31.00	Jiangsu	Jiangsu	0–20	30.3196	Fig. 2 Getdata	Cao et al., 2021
560	119.50	31.00	Jiangsu	Jiangsu	0–20	5.17989	Fig. 2 Getdata	Cao et al., 2021
561	119.50	31.00	Jiangsu	Jiangsu	0–20	23.6156	Fig. 2 Getdata	Cao et al., 2021
562	119.50	31.00	Jiangsu	Jiangsu	0–20	16.9117	Fig. 2 Getdata	Cao et al., 2021
563	119.50	31.00	Jiangsu	Jiangsu	0–20	15.2358	Fig. 2 Getdata	Cao et al., 2021
564	119.50	31.00	Jiangsu	Jiangsu	0–20	6.8559	Fig. 2 Getdata	Cao et al., 2021
565	119.50	31.00	Jiangsu	Jiangsu	0–20	83.9508	Fig. 2 Getdata	Cao et al., 2021
566	119.50	31.00	Jiangsu	Jiangsu	0–20	23.6156	Fig. 2 Getdata	Cao et al., 2021
567	119.50	31.00	Jiangsu	Jiangsu	0–20	58.8112	Fig. 2 Getdata	Cao et al., 2021
568	119.50	31.00	Jiangsu	Jiangsu	0–20	26.9676	Fig. 2 Getdata	Cao et al., 2021
569	119.50	31.00	Jiangsu	Jiangsu	0–20	25.2916	Fig. 2 Getdata	Cao et al., 2021
570	119.50	31.00	Jiangsu	Jiangsu	0–20	48.7553	Fig. 2 Getdata	Cao et al., 2021
571	119.50	31.00	Jiangsu	Jiangsu	0–20	20.2637	Fig. 2 Getdata	Cao et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
572	119.50	31.00	Jiangsu	Jiangsu	0–20	20.2637	Fig. 2 Getdata	Cao et al., 2021
573	119.50	31.00	Jiangsu	Jiangsu	0–20	26.9676	Fig. 2 Getdata	Cao et al., 2021
574	119.50	31.00	Shanghai	Shanghai	0–20	88.9788	Fig. 2 Getdata	Cao et al., 2021
575	121.86	31.82	Shanghai	Shanghai	0–20	21.9397	Fig. 2 Getdata	Cao et al., 2021
576	121.86	31.82	Shanghai	Shanghai	0–20	83.9508	Fig. 2 Getdata	Cao et al., 2021
577	121.86	31.82	Shanghai	Shanghai	0–20	13.5598	Fig. 2 Getdata	Cao et al., 2021
578	121.86	31.82	Shanghai	Shanghai	0–20	16.9117	Fig. 2 Getdata	Cao et al., 2021
579	121.86	31.82	Shanghai	Shanghai	0–20	42.0514	Fig. 2 Getdata	Cao et al., 2021
580	121.86	31.82	Shanghai	Shanghai	0–20	10.2078	Fig. 2 Getdata	Cao et al., 2021
581	119.50	31.00	Jiangsu	Jiangsu	0–20	48.7553	Fig. 2 Getdata	Cao et al., 2021
582	121.86	31.82	Shanghai	Shanghai	0–20	20.2637	Fig. 2 Getdata	Cao et al., 2021
583	119.50	31.00	Jiangsu	Jiangsu	0–20	20.2637	Fig. 2 Getdata	Cao et al., 2021
584	121.86	31.82	Shanghai	Shanghai	0–20	21.9397	Fig. 2 Getdata	Cao et al., 2021
585	119.50	31.00	Jiangsu	Jiangsu	0–20	20.2637	Fig. 2 Getdata	Cao et al., 2021
586	121.86	31.82	Shanghai	Shanghai	0–20	37.0235	Fig. 2 Getdata	Cao et al., 2021
587	121.86	31.82	Shanghai	Shanghai	0–20	102.387	Fig. 2 Getdata	Cao et al., 2021
588	107.00	34.00	Baoji Prefecture	Shaanxi	0–10	3860.24	Fig. 1 Getdata	Song et al., 2021
589	107.00	34.00	Baoji Prefecture	Shaanxi	0–10	2660.24	Fig. 1 Getdata	Song et al., 2021
590	107.00	34.00	Baoji Prefecture	Shaanxi	0–10	4293.98	Fig. 1 Getdata	Song et al., 2021
591	107.00	34.00	Baoji Prefecture	Shaanxi	10–20	4337.35	Fig. 1 Getdata	Song et al., 2021
592	107.00	34.00	Baoji Prefecture	Shaanxi	10–20	1893.98	Fig. 1 Getdata	Song et al., 2021
593	107.00	34.00	Baoji Prefecture	Shaanxi	10–20	3498.8	Fig. 1 Getdata	Song et al., 2021
594	107.00	34.00	Baoji Prefecture	Shaanxi	20–30	2804.82	Fig. 1 Getdata	Song et al., 2021
595	107.00	34.00	Baoji Prefecture	Shaanxi	20–30	1416.87	Fig. 1 Getdata	Song et al., 2021
596	107.00	34.00	Baoji Prefecture	Shaanxi	20–30	2168.67	Fig. 1 Getdata	Song et al., 2021
597	106.55	29.57	Chongqing	Chongqing	/	83.33	Abstract	Zhao et al., 2019b

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
598	106.55	29.57	Chongqing	Chongqing	/	543.33	Abstract	Zhao et al., 2019b
599	117.61	24.12	Fujian Province	Fujian	0–5	101.6	Abstract	Deng et al., 2019
600	117.61	24.12	Fujian Province	Fujian	0–5	172	Abstract	Deng et al., 2019
601	123.66	41.69	Liaoning Province	Liaoning	0–30	52400	Table 2	Hua et al., 2021
602	123.67	41.68	Liaoning Province	Liaoning	0–30	35400	Table 2	Hua et al., 2021
603	123.66	41.68	Liaoning Province	Liaoning	0–30	52200	Table 2	Hua et al., 2021
604	115.36	30.76	Hubei. Huanggan	Hubei	0–5	1697	2.4 Word	Dong et al., 2020
605	115.45	30.38	Hubei. Wuhan	Hubei	0–5	1612	2.4 Word	Dong et al., 2020
606	115.02	30.20	Hubei. Wuhan	Hubei	0–5	1766	2.4 Word	Dong et al., 2020
607	114.40	30.74	Hubei. Wuhan	Hubei	0–10	6072.99	Fig. 2 Getdata	Liu et al., 2022b
608	114.41	30.77	Hubei. Wuhan	Hubei	0–10	1927.01	Fig. 2 Getdata	Liu et al., 2022b
609	114.42	30.78	Wuhan	Hubei	0–10	2744.53	Fig. 2 Getdata	Liu et al., 2022b
610	114.43	30.77	Wuhan	Hubei	0–10	1927.01	Fig. 2 Getdata	Liu et al., 2022b
611	114.40	30.78	Wuhan	Hubei	0–10	2394.16	Fig. 2 Getdata	Liu et al., 2022b
612	114.42	30.83	Wuhan	Hubei	0–10	1197.08	Fig. 2 Getdata	Liu et al., 2022b
613	114.41	30.87	Wuhan	Hubei	0–10	1226.28	Fig. 2 Getdata	Liu et al., 2022b
614	114.36	30.96	Wuhan	Hubei	0–10	919.708	Fig. 2 Getdata	Liu et al., 2022b
615	114.35	30.99	Wuhan	Hubei	0–10	1927.01	Fig. 2 Getdata	Liu et al., 2022b
616	114.35	31.01	Wuhan	Hubei	0–10	2321.17	Fig. 2 Getdata	Liu et al., 2022b
617	114.36	31.01	Wuhan	Hubei	0–10	3211.68	Fig. 2 Getdata	Liu et al., 2022b
618	114.35	31.06	Wuhan	Hubei	0–10	4715.33	Fig. 2 Getdata	Liu et al., 2022b
619	114.33	31.07	Wuhan	Hubei	0–10	2467.15	Fig. 2 Getdata	Liu et al., 2022b
620	114.31	31.07	Wuhan	Hubei	0–10	2394.16	Fig. 2 Getdata	Liu et al., 2022b
621	114.32	31.09	Wuhan	Hubei	0–10	3854.01	Fig. 2 Getdata	Liu et al., 2022b
622	114.36	31.14	Wuhan	Hubei	0–10	5576.64	Fig. 2 Getdata	Liu et al., 2022b
623	114.36	30.93	Wuhan	Hubei	0–10	1722.63	Fig. 2 Getdata	Liu et al., 2022b

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
624	114.36	30.93	Wuhan	Hubei	0–10	1839.42	Fig. 2 Getdata	Liu et al., 2022b
625	114.40	30.74	Wuhan	Hubei	10–20	4204.38	Fig. 2 Getdata	Liu et al., 2022b
626	114.41	30.77	Wuhan	Hubei	10–20	3270.07	Fig. 2 Getdata	Liu et al., 2022b
627	114.42	30.78	Wuhan	Hubei	10–20	2102.19	Fig. 2 Getdata	Liu et al., 2022b
628	114.43	30.77	Wuhan	Hubei	10–20	2072.99	Fig. 2 Getdata	Liu et al., 2022b
629	114.40	30.78	Wuhan	Hubei	10–20	2379.56	Fig. 2 Getdata	Liu et al., 2022b
630	114.42	30.83	Wuhan	Hubei	10–20	1518.25	Fig. 2 Getdata	Liu et al., 2022b
631	114.41	30.87	Wuhan	Hubei	10–20	1328.47	Fig. 2 Getdata	Liu et al., 2022b
632	114.36	30.96	Wuhan	Hubei	10–20	1124.09	Fig. 2 Getdata	Liu et al., 2022b
633	114.35	30.99	Wuhan	Hubei	10–20	4043.8	Fig. 2 Getdata	Liu et al., 2022b
634	114.35	31.01	Wuhan	Hubei	10–20	1416.06	Fig. 2 Getdata	Liu et al., 2022b
635	114.36	31.01	Wuhan	Hubei	10–20	875.912	Fig. 2 Getdata	Liu et al., 2022b
636	114.35	31.06	Wuhan	Hubei	10–20	4145.99	Fig. 2 Getdata	Liu et al., 2022b
637	114.33	31.07	Wuhan	Hubei	10–20	3167.88	Fig. 2 Getdata	Liu et al., 2022b
638	114.31	31.07	Wuhan	Hubei	10–20	2919.71	Fig. 2 Getdata	Liu et al., 2022b
639	114.32	31.09	Wuhan	Hubei	10–20	1751.82	Fig. 2 Getdata	Liu et al., 2022b
640	114.36	31.14	Wuhan	Hubei	10–20	2656.93	Fig. 2 Getdata	Liu et al., 2022b
641	114.36	30.93	Wuhan	Hubei	10–20	1518.25	Fig. 2 Getdata	Liu et al., 2022b
642	114.36	30.93	Wuhan	Hubei	10–20	1795.62	Fig. 2 Getdata	Liu et al., 2022b
643	97.32	37.35	Delingha	Qinghai	0–10	2156.25	Fig. S2 Getdata	Zhang et al., 2021
644	97.44	37.22	Delingha	Qinghai	0–10	1283.65	Fig. S2 Getdata	Zhang et al., 2021
645	97.44	37.23	Delingha	Qinghai	0–10	2283.65	Fig. S2 Getdata	Zhang et al., 2021
646	97.32	37.36	Delingha	Qinghai	0–10	2829.33	Fig. S2 Getdata	Zhang et al., 2021
647	97.18	37.31	Delingha	Qinghai	0–10	2865.38	Fig. S2 Getdata	Zhang et al., 2021
648	97.23	37.32	Delingha	Qinghai	0–10	502.404	Fig. S2 Getdata	Zhang et al., 2021
649	96.75	37.32	Delingha	Qinghai	0–10	1014.42	Fig. S2 Getdata	Zhang et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
650	97.44	37.22	Delingha	Qinghai	0–10	887.019	Fig. S2 Getdata	Zhang et al., 2021
651	97.47	37.23	Delingha	Qinghai	0–10	995.192	Fig. S2 Getdata	Zhang et al., 2021
652	96.70	37.34	Delingha	Qinghai	0–10	1355.77	Fig. S2 Getdata	Zhang et al., 2021
653	97.33	37.36	Delingha	Qinghai	0–10	161.058	Fig. S2 Getdata	Zhang et al., 2021
654	97.19	37.31	Delingha	Qinghai	0–10	88.9423	Fig. S2 Getdata	Zhang et al., 2021
655	96.73	37.33	Delingha	Qinghai	0–10	137.019	Fig. S2 Getdata	Zhang et al., 2021
656	96.75	37.31	Delingha	Qinghai	0–10	93.75	Fig. S2 Getdata	Zhang et al., 2021
657	97.44	37.22	Delingha	Qinghai	0–10	117.788	Fig. S2 Getdata	Zhang et al., 2021
658	97.05	37.26	Delingha	Qinghai	0–10	983.173	Fig. S2 Getdata	Zhang et al., 2021
659	96.85	37.33	Delingha	Qinghai	0–10	514.423	Fig. S2 Getdata	Zhang et al., 2021
660	96.74	37.34	Delingha	Qinghai	0–10	533.654	Fig. S2 Getdata	Zhang et al., 2021
661	97.47	37.22	Delingha	Qinghai	0–10	586.538	Fig. S2 Getdata	Zhang et al., 2021
662	96.73	37.31	Delingha	Qinghai	0–10	1007.21	Fig. S2 Getdata	Zhang et al., 2021
663	97.81	36.02	Dulan	Qinghai	0–10	2721.15	Fig. S2 Getdata	Zhang et al., 2021
664	98.12	36.31	Dulan	Qinghai	0–10	3778.85	Fig. S2 Getdata	Zhang et al., 2021
665	97.89	36.01	Dulan	Qinghai	0–10	2769.23	Fig. S2 Getdata	Zhang et al., 2021
666	98.11	36.28	Dulan	Qinghai	0–10	2810.1	Fig. S2 Getdata	Zhang et al., 2021
667	98.06	36.28	Dulan	Qinghai	0–10	1939.9	Fig. S2 Getdata	Zhang et al., 2021
668	96.33	36.44	Dulan	Qinghai	0–10	1819.71	Fig. S2 Getdata	Zhang et al., 2021
669	97.85	35.99	Dulan	Qinghai	0–10	1939.9	Fig. S2 Getdata	Zhang et al., 2021
670	98.09	36.39	Dulan	Qinghai	0–10	1560.1	Fig. S2 Getdata	Zhang et al., 2021
671	96.48	36.44	Dulan	Qinghai	0–10	1932.69	Fig. S2 Getdata	Zhang et al., 2021
672	97.80	36.06	Dulan	Qinghai	0–10	1872.6	Fig. S2 Getdata	Zhang et al., 2021
673	96.48	36.44	Dulan	Qinghai	0–10	802.885	Fig. S2 Getdata	Zhang et al., 2021
674	97.81	36.02	Dulan	Qinghai	0–10	346.154	Fig. S2 Getdata	Zhang et al., 2021
675	98.06	36.28	Dulan	Qinghai	0–10	581.731	Fig. S2 Getdata	Zhang et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
676	96.33	36.44	Dulan	Qinghai	0–10	610.577	Fig. S2 Getdata	Zhang et al., 2021
677	97.89	36.01	Dulan	Qinghai	0–10	478.365	Fig. S2 Getdata	Zhang et al., 2021
678	96.33	36.45	Dulan	Qinghai	0–10	209.135	Fig. S2 Getdata	Zhang et al., 2021
679	97.93	36.01	Dulan	Qinghai	0–10	629.808	Fig. S2 Getdata	Zhang et al., 2021
680	98.09	36.38	Dulan	Qinghai	0–10	502.404	Fig. S2 Getdata	Zhang et al., 2021
681	96.48	36.45	Dulan	Qinghai	0–10	269.231	Fig. S2 Getdata	Zhang et al., 2021
682	98.09	36.39	Dulan	Qinghai	0–10	310.096	Fig. S2 Getdata	Zhang et al., 2021
683	94.95	36.40	Geermu	Qinghai	0–10	1206.73	Fig. S2 Getdata	Zhang et al., 2021
684	94.81	36.44	Geermu	Qinghai	0–10	1122.6	Fig. S2 Getdata	Zhang et al., 2021
685	94.96	36.40	Geermu	Qinghai	0–10	1031.25	Fig. S2 Getdata	Zhang et al., 2021
686	94.64	36.40	Geermu	Qinghai	0–10	1350.96	Fig. S2 Getdata	Zhang et al., 2021
687	95.77	36.45	Geermu	Qinghai	0–10	1403.85	Fig. S2 Getdata	Zhang et al., 2021
688	94.63	36.40	Geermu	Qinghai	0–10	538.462	Fig. S2 Getdata	Zhang et al., 2021
689	95.05	36.41	Geermu	Qinghai	0–10	1487.98	Fig. S2 Getdata	Zhang et al., 2021
690	95.75	36.45	Geermu	Qinghai	0–10	1050.48	Fig. S2 Getdata	Zhang et al., 2021
691	94.80	36.43	Geermu	Qinghai	0–10	1302.88	Fig. S2 Getdata	Zhang et al., 2021
692	95.12	36.43	Geermu	Qinghai	0–10	1572.12	Fig. S2 Getdata	Zhang et al., 2021
693	95.75	36.45	Geermu	Qinghai	0–10	586.538	Fig. S2 Getdata	Zhang et al., 2021
694	95.77	36.45	Geermu	Qinghai	0–10	389.423	Fig. S2 Getdata	Zhang et al., 2021
695	95.12	36.43	Geermu	Qinghai	0–10	305.288	Fig. S2 Getdata	Zhang et al., 2021
696	95.72	36.44	Geermu	Qinghai	0–10	485.577	Fig. S2 Getdata	Zhang et al., 2021
697	95.00	36.40	Geermu	Qinghai	0–10	574.519	Fig. S2 Getdata	Zhang et al., 2021
698	94.82	36.45	Geermu	Qinghai	0–10	947.115	Fig. S2 Getdata	Zhang et al., 2021
699	95.04	36.41	Geermu	Qinghai	0–10	766.827	Fig. S2 Getdata	Zhang et al., 2021
700	95.11	36.43	Geermu	Qinghai	0–10	846.154	Fig. S2 Getdata	Zhang et al., 2021
701	94.69	36.44	Geermu	Qinghai	0–10	509.615	Fig. S2 Getdata	Zhang et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
702	95.04	36.42	Geermu	Qinghai	0–10	466.346	Fig. S2 Getdata	Zhang et al., 2021
703	101.21	36.65	Huangyuan	Qinghai	0–10	996.452	Fig. S3 Getdata	Zhang et al., 2021
704	101.13	36.52	Huangyuan	Qinghai	0–10	921.963	Fig. S3 Getdata	Zhang et al., 2021
705	101.22	36.72	Huangyuan	Qinghai	0–10	1028.07	Fig. S3 Getdata	Zhang et al., 2021
706	101.15	36.47	Huangyuan	Qinghai	0–10	810.379	Fig. S3 Getdata	Zhang et al., 2021
707	101.18	36.70	Huangyuan	Qinghai	0–10	735.997	Fig. S3 Getdata	Zhang et al., 2021
708	101.23	36.66	Huangyuan	Qinghai	0–10	2283.57	Fig. S3 Getdata	Zhang et al., 2021
709	101.21	36.67	Huangyuan	Qinghai	0–10	1888.53	Fig. S3 Getdata	Zhang et al., 2021
710	101.22	36.71	Huangyuan	Qinghai	0–10	2386.92	Fig. S3 Getdata	Zhang et al., 2021
711	101.20	36.73	Huangyuan	Qinghai	0–10	1982.49	Fig. S3 Getdata	Zhang et al., 2021
712	101.22	36.71	Huangyuan	Qinghai	0–10	2866.92	Fig. S3 Getdata	Zhang et al., 2021
713	101.21	36.67	Huangyuan	Qinghai	0–10	1662.32	Fig. S3 Getdata	Zhang et al., 2021
714	101.14	36.53	Huangyuan	Qinghai	0–10	2450.31	Fig. S3 Getdata	Zhang et al., 2021
715	101.18	36.71	Huangyuan	Qinghai	0–10	1974.26	Fig. S3 Getdata	Zhang et al., 2021
716	101.20	36.66	Huangyuan	Qinghai	0–10	2463.27	Fig. S3 Getdata	Zhang et al., 2021
717	101.13	36.50	Huangyuan	Qinghai	0–10	2482.26	Fig. S3 Getdata	Zhang et al., 2021
718	102.01	36.92	Huzhu	Qinghai	0–10	1019.16	Fig. S3 Getdata	Zhang et al., 2021
719	101.98	36.87	Huzhu	Qinghai	0–10	916.762	Fig. S3 Getdata	Zhang et al., 2021
720	102.13	36.67	Huzhu	Qinghai	0–10	1010.5	Fig. S3 Getdata	Zhang et al., 2021
721	101.91	36.98	Huzhu	Qinghai	0–10	761.697	Fig. S3 Getdata	Zhang et al., 2021
722	102.16	36.76	Huzhu	Qinghai	0–10	721.516	Fig. S3 Getdata	Zhang et al., 2021
723	101.99	36.92	Huzhu	Qinghai	0–10	1830.09	Fig. S3 Getdata	Zhang et al., 2021
724	101.96	36.87	Huzhu	Qinghai	0–10	3502.28	Fig. S3 Getdata	Zhang et al., 2021
725	102.13	36.68	Huzhu	Qinghai	0–10	3044.91	Fig. S3 Getdata	Zhang et al., 2021
726	101.90	36.71	Huzhu	Qinghai	0–10	3867.11	Fig. S3 Getdata	Zhang et al., 2021
727	101.93	36.99	Huzhu	Qinghai	0–10	4810.76	Fig. S3 Getdata	Zhang et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
728	102.01	36.99	Huzhu	Qinghai	0–10	1822.2	Fig. S3 Getdata	Zhang et al., 2021
729	101.96	36.86	Huzhu	Qinghai	0–10	1293.21	Fig. S3 Getdata	Zhang et al., 2021
730	102.13	36.68	Huzhu	Qinghai	0–10	1885.07	Fig. S3 Getdata	Zhang et al., 2021
731	101.93	36.77	Huzhu	Qinghai	0–10	1552.27	Fig. S3 Getdata	Zhang et al., 2021
732	102.13	36.75	Huzhu	Qinghai	0–10	2259.23	Fig. S3 Getdata	Zhang et al., 2021
733	102.72	36.25	Minhe	Qinghai	0–10	1035.92	Fig. S3 Getdata	Zhang et al., 2021
734	102.90	36.17	Minhe	Qinghai	0–10	1036.14	Fig. S3 Getdata	Zhang et al., 2021
735	102.84	35.99	Minhe	Qinghai	0–10	1129.86	Fig. S3 Getdata	Zhang et al., 2021
736	102.66	36.23	Minhe	Qinghai	0–10	818.883	Fig. S3 Getdata	Zhang et al., 2021
737	102.76	36.08	Minhe	Qinghai	0–10	806.661	Fig. S3 Getdata	Zhang et al., 2021
738	102.88	36.32	Minhe	Qinghai	0–10	2488.17	Fig. S3 Getdata	Zhang et al., 2021
739	102.85	36.15	Minhe	Qinghai	0–10	3724.42	Fig. S3 Getdata	Zhang et al., 2021
740	102.91	35.88	Minhe	Qinghai	0–10	2862.37	Fig. S3 Getdata	Zhang et al., 2021
741	102.86	36.31	Minhe	Qinghai	0–10	2541.9	Fig. S3 Getdata	Zhang et al., 2021
742	102.85	36.15	Minhe	Qinghai	0–10	1959.97	Fig. S3 Getdata	Zhang et al., 2021
743	102.66	36.24	Minhe	Qinghai	0–10	1670.75	Fig. S3 Getdata	Zhang et al., 2021
744	102.76	36.09	Minhe	Qinghai	0–10	1929.36	Fig. S3 Getdata	Zhang et al., 2021
745	102.84	36.00	Minhe	Qinghai	0–10	1755.3	Fig. S3 Getdata	Zhang et al., 2021
746	102.75	36.29	Minhe	Qinghai	0–10	1515.99	Fig. S3 Getdata	Zhang et al., 2021
747	102.90	35.90	Minhe	Qinghai	0–10	1276.41	Fig. S3 Getdata	Zhang et al., 2021
748	102.49	39.61	Inner Mongolia	Inner Mongolia	0–2	4.71698	Fig. 2 Getdata	Wang et al., 2021a
749	102.49	39.61	Inner Mongolia	Inner Mongolia	0–2	46.4151	Fig. 2 Getdata	Wang et al., 2021a
750	102.49	39.61	Inner Mongolia	Inner Mongolia	0–2	9.43396	Fig. 2 Getdata	Wang et al., 2021a
751	102.49	39.61	Inner Mongolia	Inner Mongolia	0–2	11.9811	Fig. 2 Getdata	Wang et al., 2021a
752	102.49	39.61	Inner Mongolia	Inner Mongolia	0–2	3.30189	Fig. 2 Getdata	Wang et al., 2021a
753	102.49	39.61	Inner Mongolia	Inner Mongolia	0–2	3.30189	Fig. 2 Getdata	Wang et al., 2021a

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
754	102.47	39.66	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a
755	102.47	39.66	Inner Mongolia	Inner Mongolia	0–2	8.96226	Fig. 2 Getdata	Wang et al., 2021a
756	102.47	39.66	Inner Mongolia	Inner Mongolia	0–2	4.43396	Fig. 2 Getdata	Wang et al., 2021a
757	102.45	39.70	Inner Mongolia	Inner Mongolia	0–2	4.71698	Fig. 2 Getdata	Wang et al., 2021a
758	102.45	39.70	Inner Mongolia	Inner Mongolia	0–2	8.96226	Fig. 2 Getdata	Wang et al., 2021a
759	102.45	39.70	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a
760	102.46	39.76	Inner Mongolia	Inner Mongolia	0–2	4.43396	Fig. 2 Getdata	Wang et al., 2021a
761	102.46	39.76	Inner Mongolia	Inner Mongolia	0–2	0.188679	Fig. 2 Getdata	Wang et al., 2021a
762	102.46	39.76	Inner Mongolia	Inner Mongolia	0–2	17.6415	Fig. 2 Getdata	Wang et al., 2021a
763	102.49	39.84	Inner Mongolia	Inner Mongolia	0–2	4.43396	Fig. 2 Getdata	Wang et al., 2021a
764	102.49	39.84	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a
765	102.49	39.84	Inner Mongolia	Inner Mongolia	0–2	0.188679	Fig. 2 Getdata	Wang et al., 2021a
766	102.44	39.82	Inner Mongolia	Inner Mongolia	0–2	4.43396	Fig. 2 Getdata	Wang et al., 2021a
767	102.44	39.82	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a
768	102.44	39.82	Inner Mongolia	Inner Mongolia	0–2	0.188679	Fig. 2 Getdata	Wang et al., 2021a
769	102.40	39.84	Inner Mongolia	Inner Mongolia	0–2	22.1698	Fig. 2 Getdata	Wang et al., 2021a
770	102.40	39.84	Inner Mongolia	Inner Mongolia	0–2	0.188679	Fig. 2 Getdata	Wang et al., 2021a
771	102.40	39.84	Inner Mongolia	Inner Mongolia	0–2	17.6415	Fig. 2 Getdata	Wang et al., 2021a
772	102.30	39.87	Inner Mongolia	Inner Mongolia	0–2	8.96226	Fig. 2 Getdata	Wang et al., 2021a
773	102.30	39.87	Inner Mongolia	Inner Mongolia	0–2	4.43396	Fig. 2 Getdata	Wang et al., 2021a
774	102.30	39.87	Inner Mongolia	Inner Mongolia	0–2	8.96226	Fig. 2 Getdata	Wang et al., 2021a
775	102.25	39.93	Inner Mongolia	Inner Mongolia	0–2	0.188679	Fig. 2 Getdata	Wang et al., 2021a
776	102.25	39.93	Inner Mongolia	Inner Mongolia	0–2	4.43396	Fig. 2 Getdata	Wang et al., 2021a
777	102.25	39.93	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a
778	102.17	39.99	Inner Mongolia	Inner Mongolia	0–2	0.188679	Fig. 2 Getdata	Wang et al., 2021a
779	102.17	39.99	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
780	102.17	39.99	Inner Mongolia	Inner Mongolia	0–2	4.43396	Fig. 2 Getdata	Wang et al., 2021a
781	102.07	40.04	Inner Mongolia	Inner Mongolia	0–2	4.43396	Fig. 2 Getdata	Wang et al., 2021a
782	102.07	40.04	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a
783	102.07	40.06	Inner Mongolia	Inner Mongolia	0–2	5.37736	Fig. 2 Getdata	Wang et al., 2021a
784	102.07	40.06	Inner Mongolia	Inner Mongolia	0–2	0.188679	Fig. 2 Getdata	Wang et al., 2021a
785	102.07	40.06	Inner Mongolia	Inner Mongolia	0–2	0.188679	Fig. 2 Getdata	Wang et al., 2021a
786	102.07	40.04	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a
787	102.07	40.06	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a
788	102.07	40.06	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a
789	102.07	40.06	Inner Mongolia	Inner Mongolia	0–2	0	Fig. 2 Getdata	Wang et al., 2021a
790	117.14	23.44	Guangdong	Guangdong	0–3	6470.58	Fig. S1 Getdata	Dou et al., 2021
791	115.57	22.66	Guangdong	Guangdong	0–3	588.236	Fig. S1 Getdata	Dou et al., 2021
792	114.75	22.68	Guangdong	Guangdong	0–3	6029.41	Fig. S1 Getdata	Dou et al., 2021
793	114.89	22.58	Guangdong	Guangdong	0–3	5147.05	Fig. S1 Getdata	Dou et al., 2021
794	114.51	22.59	Guangdong	Guangdong	0–3	9117.65	Fig. S1 Getdata	Dou et al., 2021
795	117.02	23.42	Guangdong	Guangdong	0–3	8088.23	Fig. S1 Getdata	Dou et al., 2021
796	117.13	23.42	Guangdong	Guangdong	0–3	9705.88	Fig. S1 Getdata	Dou et al., 2021
797	116.61	23.18	Guangdong	Guangdong	0–3	11470.58	Fig. S1 Getdata	Dou et al., 2021
798	111.81	21.56	Guangdong	Guangdong	0–3	882.353	Fig. S1 Getdata	Dou et al., 2021
799	111.84	21.57	Guangdong	Guangdong	0–3	588.236	Fig. S1 Getdata	Dou et al., 2021
800	111.88	21.57	Guangdong	Guangdong	0–3	588.236	Fig. S1 Getdata	Dou et al., 2021
801	111.05	21.45	Guangdong	Guangdong	0–3	5882.35	Fig. S1 Getdata	Dou et al., 2021
802	110.54	21.01	Guangdong	Guangdong	0–3	5735.29	Fig. S1 Getdata	Dou et al., 2021
803	112.80	21.94	Guangdong	Guangdong	0–3	5882.35	Fig. S1 Getdata	Dou et al., 2021
804	110.70	21.33	Guangdong	Guangdong	0–3	10294.12	Fig. S1 Getdata	Dou et al., 2021
805	109.71	21.04	Guangdong	Guangdong	0–3	6470.59	Fig. S1 Getdata	Dou et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
806	111.92	21.67	Guangdong	Guangdong	0–3	30735.29	Fig. S1 Getdata	Dou et al., 2021
807	110.47	20.99	Guangdong	Guangdong	0–3	19264.67	Fig. S1 Getdata	Dou et al., 2021
808	108.30	21.54	Guangxi	Guangxi	0–3	6323.53	Fig. S1 Getdata	Dou et al., 2021
809	108.58	21.84	Guangxi	Guangxi	0–3	5882.36	Fig. S1 Getdata	Dou et al., 2021
810	109.16	21.40	Guangxi	Guangxi	0–3	8823.53	Fig. S1 Getdata	Dou et al., 2021
811	108.62	21.84	Guangxi	Guangxi	0–3	17941.15	Fig. S1 Getdata	Dou et al., 2021
812	109.76	21.48	Guangxi	Guangxi	0–3	16911.76	Fig. S1 Getdata	Dou et al., 2021
813	108.62	19.09	Hainan	Hainan	0–3	0	Fig. S1 Getdata	Dou et al., 2021
814	109.41	18.29	Hainan	Hainan	0–3	7500	Fig. S1 Getdata	Dou et al., 2021
815	109.50	18.26	Hainan	Hainan	0–3	1176.471	Fig. S1 Getdata	Dou et al., 2021
816	110.59	19.17	Hainan	Hainan	0–3	12647.06	Fig. S1 Getdata	Dou et al., 2021
817	110.12	19.99	Hainan	Hainan	0–3	7500	Fig. S1 Getdata	Dou et al., 2021
818	109.72	20.01	Hainan	Hainan	0–3	7794.12	Fig. S1 Getdata	Dou et al., 2021
819	108.70	18.62	Hainan	Hainan	0–3	5588.23	Fig. S1 Getdata	Dou et al., 2021
820	110.07	18.41	Hainan	Hainan	0–3	6911.77	Fig. S1 Getdata	Dou et al., 2021
821	110.52	18.85	Hainan	Hainan	0–3	7794.12	Fig. S1 Getdata	Dou et al., 2021
822	110.58	19.95	Reserve, Dongzhai Harbor	Hainan	0–2	167	Fig. 2	Zhou et al., 2020b
823	109.51	18.25	Sanya River estuary	Hainan	0–2	125	Fig. 2	Zhou et al., 2020b
824	108.05	21.54	Beilun River estuary, mariculture	Guangxi	0–2	179	Fig. 2	Zhou et al., 2020b
825	108.21	21.60	Reserve, Huangzhu River estuary, Zhenzhuwan	Guangxi	0–2	40.6	Fig. 2	Zhou et al., 2020b
826	108.24	21.62	Reserve, Huangzhu River estuary,	Guangxi	0–2	146.7	Fig. 2	Zhou et al., 2020b

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
827	108.60	21.74	Zhenzhuwan Reserve, oyster mariculture area, Qinzhou Bay	Guangxi	0–2	501.4	Fig. 2	Zhou et al., 2020b
828	109.02	21.61	Nanliu River estuary, Beibu Gulf	Guangxi	0–2	274.7	Fig. 2	Zhou et al., 2020b
829	109.20	21.42	Jinhaiwan Mangrove Ecotourist Region, Beibu Gulf	Guangxi	0–2	5738	Fig. 2	Zhou et al., 2020b
830	109.67	21.60	Reserve, Najiao River estuary, Beibu Gulf	Guangxi	0–2	87.8	Fig. 2	Zhou et al., 2020b
831	109.77	21.50	Reserve, Yingluo Harbor, Beibu Gulf	Guangxi	0–2	33.9	Fig. 2	Zhou et al., 2020b
832	109.96	20.46	Reserve, Liusha Bay, near salt field	Guangdong	0–2	35.3	Fig. 2	Zhou et al., 2020b
833	111.00	21.49	Reserve, Shuidong Harbor	Guangdong	0–2	84.2	Fig. 2	Zhou et al., 2020b
834	111.75	21.76	Reserve	Guangdong	0–2	122.2	Fig. 2	Zhou et al., 2020b
835	112.39	21.93	Zhenhai Bay	Guangdong	0–2	142.9	Fig. 2	Zhou et al., 2020b
836	113.63	22.44	Reserve, Pearl River estuary	Guangdong	0–2	141.2	Fig. 2	Zhou et al., 2020b
837	114.00	22.53	Reserve, Shenzhen Bay	Guangdong	0–2	157	Fig. 2	Zhou et al., 2020b
838	116.88	23.55	Reserve, Nanxi River estuary	Guangdong	0–2	8.3	Fig. 2	Zhou et al., 2020b
839	117.42	23.92	Reserve, Zhangjiang River estuary	Fujian	0–2	208.2	Fig. 2	Zhou et al., 2020b

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
840	117.91	24.45	Reserve, Jiulong River estuary	Fujian	0–2	178.7	Fig. 2	Zhou et al., 2020b
841	118.69	24.96	Reserve, tourism	Fujian	0–2	208.3	Fig. 2	Zhou et al., 2020b
842	121.19	28.35	Artificial cultivation, sea-rice planting area	Zhejiang	0–2	116.7	Fig. 2	Zhou et al., 2020b
843	101.20	21.96	Xishuangbanna	Yunnan	0–10	15618.8	Fig. 5 Getdata	Xu et al., 2022
844	101.27	21.92	Xishuangbanna	Yunnan	0–10	1544.23	Fig. 5 Getdata	Xu et al., 2022
845	101.27	21.91	Xishuangbanna	Yunnan	0–10	435.677	Fig. 5 Getdata	Xu et al., 2022
846	101.16	21.99	Xishuangbanna	Yunnan	0–10	395.017	Fig. 5 Getdata	Xu et al., 2022
847	101.20	21.96	Xishuangbanna	Yunnan	10–20	6367.6	Fig. 5 Getdata	Xu et al., 2022
848	101.27	21.92	Xishuangbanna	Yunnan	10–20	682.875	Fig. 5 Getdata	Xu et al., 2022
849	101.27	21.91	Xishuangbanna	Yunnan	10–20	794.665	Fig. 5 Getdata	Xu et al., 2022
850	101.16	21.99	Xishuangbanna	Yunnan	10–20	906.548	Fig. 5 Getdata	Xu et al., 2022
851	118.85	37.00	Hualong	Shandong	0–5	275	Table S4	Yu et al., 2021b
852	118.85	37.00	Luocheng	Shandong	0–5	1179	Table S4	Yu et al., 2021b
853	118.85	37.00	Houzhen	Shandong	0–5	1500	Table S4	Yu et al., 2021b
854	118.85	37.00	Shangkou	Shandong	0–5	2485	Table S4	Yu et al., 2021b
855	118.85	37.00	Shangkou	Shandong	0–5	1013	Table S4	Yu et al., 2021b
856	118.85	37.00	Tianliu	Shandong	0–5	587	Table S4	Yu et al., 2021b
857	118.85	37.00	Luocheng	Shandong	0–5	614	Table S4	Yu et al., 2021b
858	118.85	37.00	Luocheng	Shandong	0–5	755	Table S4	Yu et al., 2021b
859	118.85	37.00	Tianliu	Shandong	0–5	700	Table S4	Yu et al., 2021b
860	118.85	37.00	Gucheng	Shandong	0–5	763	Table S4	Yu et al., 2021b
861	118.85	37.00	Gucheng	Shandong	0–5	639	Table S4	Yu et al., 2021b
862	118.85	37.00	Hualong	Shandong	0–5	567	Table S4	Yu et al., 2021b
863	118.85	37.00	Sunjiaji	Shandong	0–5	756	Table S4	Yu et al., 2021b

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
864	118.85	37.00	Wenjia	Shandong	0–5	4165	Table S4	Yu et al., 2021b
865	118.85	37.00	Tianliu	Shandong	0–5	3953	Table S4	Yu et al., 2021b
866	118.85	37.00	Luocheng	Shandong	0–5	640	Table S4	Yu et al., 2021b
867	118.85	37.00	Gucheng	Shandong	0–5	2416	Table S4	Yu et al., 2021b
868	118.85	37.00	Gucheng	Shandong	0–5	2025	Table S4	Yu et al., 2021b
869	118.85	37.00	Luocheng	Shandong	0–5	1959	Table S4	Yu et al., 2021b
870	118.85	37.00	Taitou	Shandong	0–5	1500	Table S4	Yu et al., 2021b
871	118.85	37.00	Sunjiaji	Shandong	0–5	1792	Table S4	Yu et al., 2021b
872	118.85	37.00	Tianliu	Shandong	0–5	915	Table S4	Yu et al., 2021b
873	118.85	37.00	Daotian	Shandong	0–5	1744	Table S4	Yu et al., 2021b
874	118.85	37.00	Daotian	Shandong	0–5	856	Table S4	Yu et al., 2021b
875	118.85	37.00	Gucheng	Shandong	0–5	2164	Table S4	Yu et al., 2021b
876	118.85	37.00	Wenjia	Shandong	0–5	1345	Table S4	Yu et al., 2021b
877	118.85	37.00	Daotian	Shandong	0–5	1658	Table S4	Yu et al., 2021b
878	118.85	37.00	Hualong	Shandong	5–10	179	Table S4	Yu et al., 2021b
879	118.85	37.00	Luocheng	Shandong	5–10	762	Table S4	Yu et al., 2021b
880	118.85	37.00	Houzhen	Shandong	5–10	941	Table S4	Yu et al., 2021b
881	118.85	37.00	Shangkou	Shandong	5–10	981	Table S4	Yu et al., 2021b
882	118.85	37.00	Shangkou	Shandong	5–10	955	Table S4	Yu et al., 2021b
883	118.85	37.00	Tianliu	Shandong	5–10	674	Table S4	Yu et al., 2021b
884	118.85	37.00	Luocheng	Shandong	5–10	942	Table S4	Yu et al., 2021b
885	118.85	37.00	Luocheng	Shandong	5–10	527	Table S4	Yu et al., 2021b
886	118.85	37.00	Tianliu	Shandong	5–10	748	Table S4	Yu et al., 2021b
887	118.85	37.00	Gucheng	Shandong	5–10	1329	Table S4	Yu et al., 2021b
888	118.85	37.00	Gucheng	Shandong	5–10	757	Table S4	Yu et al., 2021b
889	118.85	37.00	Hualong	Shandong	5–10	327	Table S4	Yu et al., 2021b

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
890	118.85	37.00	Sunjiaji	Shandong	5–10	836	Table S4	Yu et al., 2021b
891	118.85	37.00	Wenjia	Shandong	5–10	2944	Table S4	Yu et al., 2021b
892	118.85	37.00	Tianliu	Shandong	5–10	4169	Table S4	Yu et al., 2021b
893	118.85	37.00	Luocheng	Shandong	5–10	1284	Table S4	Yu et al., 2021b
894	118.85	37.00	Gucheng	Shandong	5–10	2184	Table S4	Yu et al., 2021b
895	118.85	37.00	Gucheng	Shandong	5–10	1360	Table S4	Yu et al., 2021b
896	118.85	37.00	Luocheng	Shandong	5–10	2219	Table S4	Yu et al., 2021b
897	118.85	37.00	Taitou	Shandong	5–10	1999	Table S4	Yu et al., 2021b
898	118.85	37.00	Sunjiaji	Shandong	5–10	1131	Table S4	Yu et al., 2021b
899	118.85	37.00	Tianliu	Shandong	5–10	1351	Table S4	Yu et al., 2021b
900	118.85	37.00	Daotian	Shandong	5–10	1155	Table S4	Yu et al., 2021b
901	118.85	37.00	Daotian	Shandong	5–10	1054	Table S4	Yu et al., 2021b
902	118.85	37.00	Gucheng	Shandong	5–10	1430	Table S4	Yu et al., 2021b
903	118.85	37.00	Wenjia	Shandong	5–10	902	Table S4	Yu et al., 2021b
904	118.85	37.00	Daotian	Shandong	5–10	2290	Table S4	Yu et al., 2021b
905	118.85	37.00	Hualong	Shandong	10–25	476	Table S4	Yu et al., 2021b
906	118.85	37.00	Luocheng	Shandong	10–25	569	Table S4	Yu et al., 2021b
907	118.85	37.00	Houzhen	Shandong	10–25	1081	Table S4	Yu et al., 2021b
908	118.85	37.00	Shangkou	Shandong	10–25	1053	Table S4	Yu et al., 2021b
909	118.85	37.00	Shangkou	Shandong	10–25	1032	Table S4	Yu et al., 2021b
910	118.85	37.00	Tianliu	Shandong	10–25	737	Table S4	Yu et al., 2021b
911	118.85	37.00	Luocheng	Shandong	10–25	967	Table S4	Yu et al., 2021b
912	118.85	37.00	Luocheng	Shandong	10–25	869	Table S4	Yu et al., 2021b
913	118.85	37.00	Tianliu	Shandong	10–25	1101	Table S4	Yu et al., 2021b
914	118.85	37.00	Gucheng	Shandong	10–25	1457	Table S4	Yu et al., 2021b
915	118.85	37.00	Gucheng	Shandong	10–25	1381	Table S4	Yu et al., 2021b

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
916	118.85	37.00	Hualong	Shandong	10–25	415	Table S4	Yu et al., 2021b
917	118.85	37.00	Sunjiaji	Shandong	10–25	917	Table S4	Yu et al., 2021b
918	118.85	37.00	Wenjia	Shandong	10–25	2266	Table S4	Yu et al., 2021b
919	118.85	37.00	Tianliu	Shandong	10–25	4322	Table S4	Yu et al., 2021b
920	118.85	37.00	Luocheng	Shandong	10–25	1061	Table S4	Yu et al., 2021b
921	118.85	37.00	Gucheng	Shandong	10–25	2052	Table S4	Yu et al., 2021b
922	118.85	37.00	Gucheng	Shandong	10–25	1806	Table S4	Yu et al., 2021b
923	118.85	37.00	Luocheng	Shandong	10–25	1862	Table S4	Yu et al., 2021b
924	118.85	37.00	Taitou	Shandong	10–25	1743	Table S4	Yu et al., 2021b
925	118.85	37.00	Sunjiaji	Shandong	10–25	764	Table S4	Yu et al., 2021b
926	118.85	37.00	Tianliu	Shandong	10–25	1536	Table S4	Yu et al., 2021b
927	118.85	37.00	Daotian	Shandong	10–25	865	Table S4	Yu et al., 2021b
928	118.85	37.00	Daotian	Shandong	10–25	628	Table S4	Yu et al., 2021b
929	118.85	37.00	Gucheng	Shandong	10–25	2252	Table S4	Yu et al., 2021b
930	118.85	37.00	Wenjia	Shandong	10–25	1034	Table S4	Yu et al., 2021b
931	118.85	37.00	Daotian	Shandong	10–25	2539	Table S4	Yu et al., 2021b
932	118.19	24.66	Xiamen Bay	Fujian	0–10	466	Table 4	Liu et al., 2022a
933	118.19	24.66	Xiamen Bay	Fujian	0–10	221	Table 4	Liu et al., 2022a
934	118.19	24.65	Xiamen Bay	Fujian	0–10	156	Table 4	Liu et al., 2022a
935	118.20	24.64	Xiamen Bay	Fujian	0–10	149	Table 4	Liu et al., 2022a
936	118.20	24.64	Xiamen Bay	Fujian	0–10	488	Table 4	Liu et al., 2022a
937	118.20	24.65	Xiamen Bay	Fujian	0–10	221	Table 4	Liu et al., 2022a
938	118.19	24.64	Xiamen Bay	Fujian	0–10	241	Table 4	Liu et al., 2022a
939	118.19	24.64	Xiamen Bay	Fujian	0–10	459	Table 4	Liu et al., 2022a
940	118.20	24.65	Xiamen Bay	Fujian	0–5	174	Table 4	Liu et al., 2022a
941	118.20	24.65	Xiamen Bay	Fujian	5–15	151	Table 4	Liu et al., 2022a

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
942	118.20	24.65	Xiamen Bay	Fujian	15–25	142	Table 4	Liu et al., 2022a
943	118.20	24.65	Xiamen Bay	Fujian	25–35	152	Table 4	Liu et al., 2022a
944	118.19	24.64	Xiamen Bay	Fujian	0–5	143	Table 4	Liu et al., 2022a
945	118.19	24.64	Xiamen Bay	Fujian	5–15	173	Table 4	Liu et al., 2022a
946	118.19	24.64	Xiamen Bay	Fujian	15–25	261	Table 4	Liu et al., 2022a
947	118.19	24.64	Xiamen Bay	Fujian	25–35	171	Table 4	Liu et al., 2022a
948	101.19	36.68	Xining City	Qinghai	0–10	2900	Table S1	Lang et al., 2022
949	101.17	36.71	Xining City	Qinghai	0–10	1960	Table S1	Lang et al., 2022
950	101.27	36.66	Xining City	Qinghai	0–10	2160	Table S1	Lang et al., 2022
951	101.14	36.46	Xining City	Qinghai	0–10	2220	Table S1	Lang et al., 2022
952	101.22	36.77	Xining City	Qinghai	0–10	1620	Table S1	Lang et al., 2022
953	101.27	36.56	Xining City	Qinghai	0–10	2200	Table S1	Lang et al., 2022
954	101.60	36.42	Xining City	Qinghai	0–10	2160	Table S1	Lang et al., 2022
955	101.60	36.42	Xining City	Qinghai	0–10	2200	Table S1	Lang et al., 2022
956	101.61	36.46	Xining City	Qinghai	0–10	2120	Table S1	Lang et al., 2022
957	101.53	36.54	Xining City	Qinghai	0–10	1460	Table S1	Lang et al., 2022
958	101.55	36.65	Xining City	Qinghai	0–10	820	Table S1	Lang et al., 2022
959	101.45	36.66	Xining City	Qinghai	0–10	760	Table S1	Lang et al., 2022
960	101.76	36.44	Xining City	Qinghai	0–10	2320	Table S1	Lang et al., 2022
961	101.82	36.41	Xining City	Qinghai	0–10	2120	Table S1	Lang et al., 2022
962	101.67	36.49	Xining City	Qinghai	0–10	840	Table S1	Lang et al., 2022
963	101.53	36.47	Xining City	Qinghai	0–10	2040	Table S1	Lang et al., 2022
964	101.52	36.72	Xining City	Qinghai	0–10	1120	Table S1	Lang et al., 2022
965	101.49	36.77	Xining City	Qinghai	0–10	1680	Table S1	Lang et al., 2022
966	101.56	36.75	Xining City	Qinghai	0–10	1940	Table S1	Lang et al., 2022
967	101.55	36.82	Xining City	Qinghai	0–10	680	Table S1	Lang et al., 2022

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
968	101.69	36.74	Xining City	Qinghai	0–10	2340	Table S1	Lang et al., 2022
969	101.70	36.70	Xining City	Qinghai	0–10	2420	Table S1	Lang et al., 2022
970	101.44	36.55	Xining City	Qinghai	0–10	1380	Table S1	Lang et al., 2022
971	101.60	36.58	Xining City	Qinghai	0–10	2420	Table S1	Lang et al., 2022
972	101.50	36.50	Xining City	Qinghai	0–10	2000	Table S1	Lang et al., 2022
973	101.46	36.51	Xining City	Qinghai	0–10	2040	Table S1	Lang et al., 2022
974	101.65	36.92	Xining City	Qinghai	0–10	2180	Table S1	Lang et al., 2022
975	101.68	36.96	Xining City	Qinghai	0–10	2120	Table S1	Lang et al., 2022
976	101.75	37.05	Xining City	Qinghai	0–10	2200	Table S1	Lang et al., 2022
977	101.79	37.13	Xining City	Qinghai	0–10	1320	Table S1	Lang et al., 2022
978	101.75	36.93	Xining City	Qinghai	0–10	1640	Table S1	Lang et al., 2022
979	101.67	36.91	Xining City	Qinghai	0–10	1600	Table S1	Lang et al., 2022
980	101.75	36.84	Xining City	Qinghai	0–10	1120	Table S1	Lang et al., 2022
981	101.73	36.86	Xining City	Qinghai	0–10	1160	Table S1	Lang et al., 2022
982	101.76	36.77	Xining City	Qinghai	0–10	900	Table S1	Lang et al., 2022
983	101.80	36.85	Xining City	Qinghai	0–10	2080	Table S1	Lang et al., 2022
984	101.66	37.08	Xining City	Qinghai	0–10	2280	Table S1	Lang et al., 2022
985	101.67	37.04	Xining City	Qinghai	0–10	1040	Table S1	Lang et al., 2022
986	101.62	36.99	Xining City	Qinghai	0–10	1600	Table S1	Lang et al., 2022
987	101.61	36.95	Xining City	Qinghai	0–10	2000	Table S1	Lang et al., 2022
988	101.82	37.05	Xining City	Qinghai	0–10	2300	Table S1	Lang et al., 2022
989	101.75	37.02	Xining City	Qinghai	0–10	1300	Table S1	Lang et al., 2022
990	101.48	37.10	Xining City	Qinghai	0–10	2260	Table S1	Lang et al., 2022
991	101.64	36.89	Xining City	Qinghai	0–10	1840	Table S1	Lang et al., 2022
992	100.69	35.17	Xining City	Qinghai	0–10	960	Table S1	Lang et al., 2022
993	101.47	35.97	Xining City	Qinghai	0–10	3660	Table S1	Lang et al., 2022

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
994	101.65	35.73	Xining City	Qinghai	0–10	1740	Table S1	Lang et al., 2022
995	101.64	36.23	Xining City	Qinghai	0–10	680	Table S1	Lang et al., 2022
996	101.37	35.71	Xining City	Qinghai	0–10	600	Table S1	Lang et al., 2022
997	100.69	35.57	Xining City	Qinghai	0–10	1120	Table S1	Lang et al., 2022
998	100.53	35.78	Xining City	Qinghai	0–10	1380	Table S1	Lang et al., 2022
999	100.31	36.26	Xining City	Qinghai	0–10	1820	Table S1	Lang et al., 2022
1000	100.75	36.19	Xining City	Qinghai	0–10	2260	Table S1	Lang et al., 2022
1001	100.55	36.56	Xining City	Qinghai	0–10	2300	Table S1	Lang et al., 2022
1002	95.06	36.41	Xining City	Qinghai	0–10	680	Table S1	Lang et al., 2022
1003	95.02	36.40	Xining City	Qinghai	0–10	880	Table S1	Lang et al., 2022
1004	94.97	36.40	Xining City	Qinghai	0–10	660	Table S1	Lang et al., 2022
1005	98.52	36.99	Xining City	Qinghai	0–10	2480	Table S1	Lang et al., 2022
1006	98.38	36.94	Xining City	Qinghai	0–10	880	Table S1	Lang et al., 2022
1007	98.10	36.28	Xining City	Qinghai	0–10	1300	Table S1	Lang et al., 2022
1008	98.11	36.25	Xining City	Qinghai	0–10	1440	Table S1	Lang et al., 2022
1009	97.32	37.33	Xining City	Qinghai	0–10	240	Table S1	Lang et al., 2022
1010	97.40	37.21	Xining City	Qinghai	0–10	1200	Table S1	Lang et al., 2022
1011	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	726.36	Fig. 2 Getdata	Rao et al., 2021
1012	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	386.611	Fig. 2 Getdata	Rao et al., 2021
1013	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	298.745	Fig. 2 Getdata	Rao et al., 2021
1014	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	41.0042	Fig. 2 Getdata	Rao et al., 2021
1015	116.33	29.00	five rivers in Poyang	Jiangxi	0–2	1241.84	Fig. 2 Getdata	Rao et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
1016	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	948.954	Fig. 2 Getdata	Rao et al., 2021
1017	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	1136.4	Fig. 2 Getdata	Rao et al., 2021
1018	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	456.904	Fig. 2 Getdata	Rao et al., 2021
1019	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	333.891	Fig. 2 Getdata	Rao et al., 2021
1020	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	351.464	Fig. 2 Getdata	Rao et al., 2021
1021	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	304.603	Fig. 2 Getdata	Rao et al., 2021
1022	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	117.155	Fig. 2 Getdata	Rao et al., 2021
1023	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	205.021	Fig. 2 Getdata	Rao et al., 2021
1024	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	222.594	Fig. 2 Getdata	Rao et al., 2021
1025	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	1118.83	Fig. 2 Getdata	Rao et al., 2021
1026	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	1317.99	Fig. 2 Getdata	Rao et al., 2021
1027	116.33	29.00	five rivers in Poyang Lake	Jiangxi	0–2	497.908	Fig. 2 Getdata	Rao et al., 2021
1028	116.33	29.00	five rivers in Poyang	Jiangxi	0–2	1341.42	Fig. 2 Getdata	Rao et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
1029	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	122.747	Fig. 2 Getdata	Rao et al., 2021
1030	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	115.193	Fig. 2 Getdata	Rao et al., 2021
1031	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	118.97	Fig. 2 Getdata	Rao et al., 2021
1032	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	174.678	Fig. 2 Getdata	Rao et al., 2021
1033	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	194.506	Fig. 2 Getdata	Rao et al., 2021
1034	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	188.841	Fig. 2 Getdata	Rao et al., 2021
1035	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	163.348	Fig. 2 Getdata	Rao et al., 2021
1036	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	131.245	Fig. 2 Getdata	Rao et al., 2021
1037	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	120.858	Fig. 2 Getdata	Rao et al., 2021
1038	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	133.133	Fig. 2 Getdata	Rao et al., 2021
1039	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	118.026	Fig. 2 Getdata	Rao et al., 2021
1040	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	112.361	Fig. 2 Getdata	Rao et al., 2021
1041	116.33	29.00	five rivers in Poyang	Jiangxi	2–5	134.077	Fig. 2 Getdata	Rao et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
1042	116.33	29.00	Lake five rivers in Poyang Lake	Jiangxi	2–5	122.747	Fig. 2 Getdata	Rao et al., 2021
1043	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	188.841	Fig. 2 Getdata	Rao et al., 2021
1044	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	216.223	Fig. 2 Getdata	Rao et al., 2021
1045	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	151.073	Fig. 2 Getdata	Rao et al., 2021
1046	116.33	29.00	five rivers in Poyang Lake	Jiangxi	2–5	218.112	Fig. 2 Getdata	Rao et al., 2021
1047	110.59	19.95	Dongzhai harbor	Hainan	0–5	39.4737	Fig. 2 Getdata	He et al., 2021
1048	110.59	19.95	Dongzhai harbor	Hainan	0–5	256.579	Fig. 2 Getdata	He et al., 2021
1049	110.59	19.95	Dongzhai harbor	Hainan	0–5	148.026	Fig. 2 Getdata	He et al., 2021
1050	110.59	19.95	Dongzhai harbor	Hainan	0–5	217.105	Fig. 2 Getdata	He et al., 2021
1051	110.59	19.95	Dongzhai harbor	Hainan	0–5	157.895	Fig. 2 Getdata	He et al., 2021
1052	110.59	19.95	Dongzhai harbor	Hainan	0–5	375	Fig. 2 Getdata	He et al., 2021
1053	110.59	19.95	Dongzhai harbor	Hainan	0–5	838.816	Fig. 2 Getdata	He et al., 2021
1054	110.59	19.95	Dongzhai harbor	Hainan	0–5	532.895	Fig. 2 Getdata	He et al., 2021
1055	110.59	19.95	Dongzhai harbor	Hainan	0–5	384.868	Fig. 2 Getdata	He et al., 2021
1056	97.29	33.49	Qinghai–Tibet Plateau	Qinghai	0–3	86.3014	Fig. 4 Getdata	Feng et al., 2021b
1057	97.29	33.49	Qinghai–Tibet Plateau	Qinghai	0–3	55.4795	Fig. 4 Getdata	Feng et al., 2021b
1058	97.29	33.49	Qinghai–Tibet Plateau	Qinghai	0–3	32.8767	Fig. 4 Getdata	Feng et al., 2021b
1059	97.29	33.49	Qinghai–Tibet Plateau	Qinghai	3–6	65.0685	Fig. 4 Getdata	Feng et al., 2021b
1060	97.29	33.49	Qinghai–Tibet Plateau	Qinghai	3–6	47.9452	Fig. 4 Getdata	Feng et al., 2021b
1061	97.29	33.49	Qinghai–Tibet Plateau	Qinghai	3–6	28.0822	Fig. 4 Getdata	Feng et al., 2021b

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
1062	118.42	30.69	Anhui	Anhui	0–10	66.20166667	Data in brief	Ren et al., 2021
1063	121.18	31.87	Jiangsu	Jiangsu	0–10	30.09166667	Data in brief	Ren et al., 2021
1064	120.28	31.92	Jiangsu	Jiangsu	0–10	24.07333333	Data in brief	Ren et al., 2021
1065	109.45	24.28	Guangxi	Guangxi	0–10	36.11	Data in brief	Ren et al., 2021
1066	108.27	22.78	Guangxi	Guangxi	0–10	48.14666667	Data in brief	Ren et al., 2021
1067	107.65	35.73	Gansu	Gansu	0–10	24.07333333	Data in brief	Ren et al., 2021
1068	115.65	32.17	Henan	Henan	0–10	72.22	Data in brief	Ren et al., 2021
1069	114.39	37.67	Hebei	Hebei	0–10	96.29333333	Data in brief	Ren et al., 2021
1070	112.70	36.76	Shanxi	Shanxi	0–10	30.09166667	Data in brief	Ren et al., 2021
1071	114.54	38.04	Hebei	Hebei	0–10	30.09166667	Data in brief	Ren et al., 2021
1072	114.53	38.01	Hebei	Hebei	0–10	60.18333333	Data in brief	Ren et al., 2021
1073	116.69	30.12	Anhui	Anhui	0–10	84.25666667	Data in brief	Ren et al., 2021
1074	118.31	32.29	Anhui	Anhui	0–10	54.165	Data in brief	Ren et al., 2021
1075	121.44	28.67	Zhejiang	Zhejiang	0–10	36.11	Data in brief	Ren et al., 2021
1076	116.26	32.63	Anhui	Anhui	0–10	66.20166667	Data in brief	Ren et al., 2021
1077	117.31	31.79	Anhui	Anhui	0–10	84.25666667	Data in brief	Ren et al., 2021
1078	116.95	31.46	Anhui	Anhui	0–10	54.165	Data in brief	Ren et al., 2021
1079	116.34	35.41	Anhui	Anhui	0–10	66.20166667	Data in brief	Ren et al., 2021
1080	106.54	29.40	Chongqing	Chongqing	0–10	54.165	Data in brief	Ren et al., 2021
1081	104.06	30.51	Sichuan	Sichuan	0–10	96.29333333	Data in brief	Ren et al., 2021
1082	125.27	45.70	Heilongjiang	Heilongjang	0–10	90.275	Data in brief	Ren et al., 2021
1083	118.84	31.95	Jiangsu	Jiangsu	0–10	18.055	Data in brief	Ren et al., 2021
1084	82.89	44.60	Xinjiang	Xinjiang	0–10	14.04277778	Data in brief	Ren et al., 2021
1085	124.81	46.04	Heilongjiang	Heilongjang	0–10	30.09166667	Data in brief	Ren et al., 2021
1086	126.99	46.64	Heilongjiang	Heilongjang	0–10	36.11	Data in brief	Ren et al., 2021
1087	114.65	33.65	Henan	Henan	0–10	54.165	Data in brief	Ren et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
1088	105.78	29.49	Chongqing	Chongqing	0–10	36.11	Data in brief	Ren et al., 2021
1089	114.80	36.55	Hebei	Hebei	0–10	30.09166667	Data in brief	Ren et al., 2021
1090	111.34	25.27	Hunan	Hunan	0–10	20.06111111	Data in brief	Ren et al., 2021
1091	104.80	29.10	Sichuan	Sichuan	0–10	36.11	Data in brief	Ren et al., 2021
1092	106.62	23.32	Guangxi	Guangxi	0–10	48.14666667	Data in brief	Ren et al., 2021
1093	104.06	29.65	Sichuan	Sichuan	0–10	30.09166667	Data in brief	Ren et al., 2021
1094	104.63	35.00	Gansu	Gansu	0–10	24.07333333	Data in brief	Ren et al., 2021
1095	110.49	38.02	Shaanxi	Shaanxi	0–10	12.03666667	Data in brief	Ren et al., 2021
1096	111.00	28.26	Hunan	Hunan	0–10	18.055	Data in brief	Ren et al., 2021
1097	113.98	34.72	Henan	Henan	0–10	48.14666667	Data in brief	Ren et al., 2021
1098	116.81	35.76	Shandong	Shandong	0–10	108.33	Data in brief	Ren et al., 2021
1099	118.47	35.55	Shandong	Shandong	0–10	78.23833333	Data in brief	Ren et al., 2021
1100	118.80	25.03	Fujian	Fujian	0–10	0	Data in brief	Ren et al., 2021
1101	98.51	39.75	Gansu	Gansu	0–10	20.06111111	Data in brief	Ren et al., 2021
1102	119.53	26.66	Fujian	Fujian	0–10	6.018333333	Data in brief	Ren et al., 2021
1103	118.79	36.86	Shandong	Shandong	0–10	54.165	Data in brief	Ren et al., 2021
1104	117.17	35.11	Shandong	Shandong	0–10	78.23833333	Data in brief	Ren et al., 2021
1105	113.73	27.64	Jiangxi	Jiangxi	0–10	66.20166667	Data in brief	Ren et al., 2021
1106	113.23	35.24	Henan	Henan	0–10	48.14666667	Data in brief	Ren et al., 2021
1107	118.40	35.09	Shandong	Shandong	0–10	108.33	Data in brief	Ren et al., 2021
1108	112.36	32.52	Henan	Henan	0–10	54.165	Data in brief	Ren et al., 2021
1109	114.30	29.85	Hubei	Hubei	0–10	30.09166667	Data in brief	Ren et al., 2021
1110	112.77	32.13	Hubei	Hubei	0–10	18.055	Data in brief	Ren et al., 2021
1111	113.39	22.52	Guangdong	Guangdong	0–10	30.09166667	Data in brief	Ren et al., 2021
1112	114.19	34.41	Henan	Henan	0–10	72.22	Data in brief	Ren et al., 2021
1113	118.18	26.64	Fujian	Fujian	0–10	6.018333333	Data in brief	Ren et al., 2021

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
1114	102.90	37.47	Gansu	Gansu	0–10	12.03666667	Data in brief	Ren et al., 2021
1115	112.49	37.94	Shanxi	Shanxi	0–10	18.055	Data in brief	Ren et al., 2021
1116	110.07	18.53	Lingshui City	Hainan	0–30	4033.333333	Data in brief	Khan et al., 2022
1117	108.67	18.90	Dongfeng	Hainan	0–30	6600	Data in brief	Khan et al., 2022
1118	108.78	18.50	Huang Liu Town	Hainan	0–30	7700	Data in brief	Khan et al., 2022
1119	108.67	18.88	Guang Po Town	Hainan	0–30	8100	Data in brief	Khan et al., 2022
1120	109.50	18.30	Jiyang district	Hainan	0–30	3966.66	Data in brief	Khan et al., 2022
1121	109.15	18.33	Yazhou Bay	Hainan	0–30	5300	Data in brief	Khan et al., 2022
1122	108.65	19.22	Changjiang Town Saline alkaline	Hainan	0–30	3233.34	Data in brief	Khan et al., 2022
1123	108.72	18.87	Dongfang	Hainan	0–30	9933.34	Data in brief	Khan et al., 2022
1124	108.70	18.87	Dongfang	Hainan	0–30	22766.67	Data in brief	Khan et al., 2022
1125	109.17	18.37	Yazhou Bay	Hainan	0–30	9433.34	Data in brief	Khan et al., 2022
1126	110.05	18.55	Qoinghai	Hainan	0–30	7166.67	Data in brief	Khan et al., 2022
1127	NA	NA	South Numerous base	Hainan	0–30	28750	Data in brief	Khan et al., 2022
1128	108.67	18.88	Guang Po Town	Hainan	0–30	9766.67	Data in brief	Khan et al., 2022
1129	110.62	19.88	Haikou Sanjiang farm	Hainan	0–30	6500	Data in brief	Khan et al., 2022
1130	108.72	18.87	Bumo	Hainan	0–30	8400	Data in brief	Khan et al., 2022
1131	110.62	19.88	Haikou Sanjiang farm	Hainan	0–30	5100	Data in brief	Khan et al., 2022
1132	NA	NA	Haikou Sanjiang farm	Hainan	0–30	52633.34	Data in brief	Khan et al., 2022
1133	110.37	18.68	Dongao Town, Wanning City	Hainan	0–30	21400	Data in brief	Khan et al., 2022
1134	109.60	18.98	Shitong village Qiongzhong county	Hainan	0–30	12850	Data in brief	Khan et al., 2022
1135	109.55	18.95	Shitong village Qiongzhong county	Hainan	0–30	19433.33	Data in brief	Khan et al., 2022

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
1136	110.27	19.68	Luowen Village, Ding 'an Town	Hainan	0–30	17300	Data in brief	Khan et al., 2022
1137	110.12	19.32	Shiqiao Town, Tunchang County	Hainan	0–30	63450	Data in brief	Khan et al., 2022
1138	110.75	19.82	Chang Jin village	Hainan	0–30	15650	Data in brief	Khan et al., 2022
1139	109.33	19.58	Danzhou City Maoyuan agricultural pitaya planting base	Hainan	0–30	82500	Data in brief	Khan et al., 2022
1140	109.62	19.87	Lingao Bolian	Hainan	0–30	21950	Data in brief	Khan et al., 2022
1141	109.63	19.87	Lingao Bolian	Hainan	0–30	27066.7	Data in brief	Khan et al., 2022
1142	109.65	19.87	Lingao county Tai po	Hainan	0–30	13166.67	Data in brief	Khan et al., 2022
1143	110.72	19.70	Wen Chang Tan Niu	Hainan	0–30	5966.67	Data in brief	Khan et al., 2022
1144	109.58	19.90	Lingao Bolian	Hainan	0–30	18800	Data in brief	Khan et al., 2022
1145	110.30	18.82	Heshumao, Wanning City	Hainan	0–30	7833.34	Data in brief	Khan et al., 2022
1146	NA	NA	Qian Jan Tubao	Hainan	0–30	9233.34	Data in brief	Khan et al., 2022
1147	109.92	19.93	Qiaotou town paddy	Hainan	0–30	10333.34	Data in brief	Khan et al., 2022
1148	110.73	19.77	Wancahang Feng Po	Hainan	0–30	3233.34	Data in brief	Khan et al., 2022
1149	110.12	19.32	Shiqiao Town, Tunchang County	Hainan	0–30	9566.67	Data in brief	Khan et al., 2022
1150	109.43	19.18	Baisha County, Chuangxing village	Hainan	0–30	7633.34	Data in brief	Khan et al., 2022
1151	109.43	19.18	Shiqiao Town, Tunchang County	Hainan	0–30	30766.67	Data in brief	Khan et al., 2022
1152	109.53	18.93	Maoyang Village, Wuzhishan City	Hainan	0–30	13266.67	Data in brief	Khan et al., 2022

Data code	longitude	Latitude	Sample site	Province	Depth (cm)	Microplastic abundance (items/kg)	Resouces of data	Reference
1153	109.75	19.93	Lingao Daya Xin	Hainan	0–30	2800	Data in brief	Khan et al., 2022
1154	109.92	19.97	Chengmai Qiaotou	Hainan	0–30	2966.67	Data in brief	Khan et al., 2022
1155	109.53	18.93	Shidou Village, Wuzhishan City	Hainan	0–30	5833.34	Data in brief	Khan et al., 2022
1156	110.12	19.32	Shiqiao Town, Tunchang County	Hainan	0–30	21333.34	Data in brief	Khan et al., 2022
1157	109.28	19.65	Danzhou City, Xiafang Village	Hainan	0–30	5666.67	Data in brief	Khan et al., 2022

Note：Resouces of data describes the extraction position of data in corresponding references.

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