Supplementary

Table S1. Remote-sensor data of eelgrass habitats in the study area.

Sensor	Pixel resolution (m)	Scene	Acquisition date	Time of acquisition[a]	Tide height[b] (m)
Landsat 1MSS	78	131,033	5 June 1974	10:12	0.52
Landsat 2MSS	78	131,033	15 June 1977	10:02	0.89
Landsat 2MSS	78	131,033	22 September 1979	10:02	0.45
Landsat 3MSS	78	131,033	4 June 1981	10:02	0.05
Landsat 5TM	30	122,033	10 September 1984	10:17	0.64
Landsat 4MSS	78	122,033	7 August 1986	10:06	0.35
Landsat 5TM	30	122,033	14 May 1987	10:11	0.23
Landsat 5TM	30	121,033	31 July 1989	10:08	0.99
Landsat 5TM	30	122,033	13 August 1991	10:11	0.34
Landsat 5TM	30	122,033	30 July 1992	10:10	0.45
Landsat 5TM	30	121,033	23 May 1993	10:03	0.24
Landsat 5TM	30	121,033	26 May 1994	10:00	0.13
Landsat 5TM	30	121,033	29 May 1995	9:48	0.45
Landsat 5TM	30	121,033	25 August 1998	10:19	0.40
Landsat 5TM	30	122,033	18 June 2000	10:23	0.34
Landsat 5TM	30	122,033	7 July 2001	10:27	0.34
Landsat 5TM	30	122,033	26 July 2002	10:22	0.28
Landsat 7ETM+	30	122,033	18 May 2003	10:36	0.05
Landsat 5TM	30	121,033	24 May 2005	10:28	0.47
Landsat 5TM	30	121,033	17 July 2007	10:34	0.21
Landsat 7ETM+	30	122,033	3 August 2008	10:36	0.29
Landsat 5TM	30	122,033	11 June 2009	10:35	0.32
Landsat 7ETM+	30	121,033	2 June 2011	10:34	0.55
Landsat 7ETM+	30	121,033	6 July 2012	10:35	0.18
Landsat 8OLI	30	121,033	30 May 2013	10:43	0.51
Landsat 8OLI	30	122,033	27 July 2014	10:47	0.75
Landsat 8OLI	30	121,033	26 June 2017	10:41	0.12
Landsat 8OLI	30	121,033	29 June 2018	10:40	0.46
Landsat 8OLI	30	122,033	7 June 2019	10:47	0.40

[a]Beijing Standard time.

[b]Acquired at the Shaleitien Tao Station using wxtide47 software.