Supplementary Materials

References Used for Carbon Density

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Table S1. Coastal reclamation area in coastal zones between 1990-2015.

Coastal Zones	Provinces	1990-2015 (hundred Million Ha)
Northern	Liaoning	16.84
	Tianjin	5.73
	Hebei	8.41
	Shandong	12.43
Central	Jiangsu	18.39
	Shanghai	7.63
	Zhejiang	14.76
	Fujian	3.82
Southern	Guangdong	5.45
	Guangxi	0.93
	Hainan	0.33
Total		**94.71**

Table S2. Carbon emissions from energy consumption in China's coastal area.

Coastal Zones	Provinces	Carbon Emission (Tg)	Carbon Emission Per Area (Mg/ha)
Northern	Liaoning	195.36	13.39
	Tianjin	69.48	61.48
	Hebei	264.33	14.08
	Shandong	385.93	25.09
Central	Jiangsu	250.78	24.44
	Shanghai	98.90	156.98
	Zhejiang	147.58	14.47
	Fujian	98.73	8.14
Southern	Guangdong	209.84	11.66
	Guangxi	75.32	3.19
	Hainan	20.43	6.01
Total		**1816.68**	**14.18**