

Table 2. Taijiang Fun Tour Black-faced Spoonbills Route Analysis and Dynamic CO<sub>2</sub> Emission Estimation (2020-2022)

Transport Option	Stage	First Pick-Up Point	Second Pick-Up Point	Black-faced Spoonbill Birdwatching Pavilion	Ecology Exhibition Hall	TJNP Visitor Centre	Second Pick-Up Point	First Pick-Up Point		
TJ Fun Tour	Idling	Time (min)	10	5	2	2	2	1	3	
		Dynamic CO <sub>2</sub> Emission Coefficient (g/s)								
		CO <sub>2</sub> Emission (g)								
	Driving	Time (min)		10	35	3	30	12	10	
		Distance (km)		2.4	22.4	0.95	18.3	3.4	2.4	
		Average Speed (km/h)		14.40	38.40	19.00	36.6	17.00	14.40	
		Dynamic CO <sub>2</sub> Emission Coefficient (g/s)		7.6496	4.8127	8.3801	5.0946	8.1585	7.6496	
		CO <sub>2</sub> Emission (g)								
	CO <sub>2</sub> Emission per Trip (g)					39,047.51				
	Private cars	Idling	Time (min)	1	0	1	1	1	0	0
Dynamic CO <sub>2</sub> Emission Coefficient (g/s)										
CO <sub>2</sub> Emission (g)										
Driving		Time (min)			29	1	21		12	
		Distance (km)			23	0.95	18.3		4.9	
		Average Speed (km/h)			47.59	57	52.29		24.50	
		Dynamic CO <sub>2</sub> Emission Coefficient (g/s)			2.1159	2.2791	2.1142		2.4635	
CO <sub>2</sub> Emission (g)					8,256.02					
CO <sub>2</sub> Emission per Trip (g)					8,537.33					

