

Table 3. Taijiang Fun Tour Black-faced Spoonbill Route Analysis and Dynamic CO<sub>2</sub> Emission Estimation (2023)

Transport Option	Stage	First Pick-Up Point	Second Pick-Up Point	Black-faced Spoonbill Birdwatching Pavilion	TJNP Visitor Centre	Second Pick-Up Point	First Pick-Up Point	
	Time (min)	10	5	2	2	1	3	
TJ Fun Tour	Idling	Dynamic CO <sub>2</sub> Emission Coefficient (g/s)		2.139				
		CO <sub>2</sub> Emission (g)		2951.82				
		Time (min)	10	20	30	12	10	
	Driving	Distance (km)	2.4	6.5	19.2	3.4	2.4	
		Average Speed (km/h)	14.40	19.50	38.40	17.00	14.40	
		Dynamic CO <sub>2</sub> Emission Coefficient (g/s)	7.6496	8.4461	4.8127	8.1585	7.6496	
		CO <sub>2</sub> Emission (g)			33,851.82			
		CO <sub>2</sub> Emission per Trip (g)			36,803.64			
	Private cars	Idling	Time (min)	1	0	1	1	0
			Dynamic CO <sub>2</sub> Emission Coefficient (g/s)		1.1721			
CO <sub>2</sub> Emission (g)			281.30					
Driving		Time (min)		17		22	12	
		Distance (km)		8.4		19.2	4.9	
		Average Speed (km/h)		29.65		52.36	24.50	
		Dynamic CO <sub>2</sub> Emission Coefficient (g/s)		2.5142		2.4258	2.4635	
		CO <sub>2</sub> Emission (g)				7,540.26		
CO <sub>2</sub> Emission per Trip (g)					7,821.56			

