

Table 1. Taijiang Fun Tour Mangrove Route Analysis and Dynamic CO₂ Emission Estimation (2020-2023)

Transport Option	Stage	First Pick-Up Point	Second Pick-Up Point	Anshun Salt Field	Sihcao Green Tunnel	TJNP Visitor Centre	Second Pick-Up Point	First Pick-Up Point		
TJ Fun Tour	Time (min)	10	5	2	2	2	1	3		
	Idling	Dynamic CO ₂ Emission Coefficient (g/s)		2.139						
		CO ₂ Emission (g)		3,208.50						
		Time (min)		10	20	5	10	12	10	
	Driving	Distance (km)		2.4	6.5	1.2	2.3	3.4	2.4	
		Average Speed (km/h)		14.40	19.50	14.40	13.80	17.00	14.40	
		Dynamic CO ₂ Emission Coefficient (g/s)			7.6496	8.4461	7.6496	7.6496	8.1585	7.6496
		CO ₂ Emission (g)			32,073.60					
	CO ₂ Emission per Trip (g)			35,282.10						
	Private cars	Time (min)	1	0	1	1	1	0	0	
Idling		Dynamic CO ₂ Emission Coefficient (g/s)		1.1721						
		CO ₂ Emission (g)		281.30						
		Time (min)		17		2	5	12		
Driving		Distance (km)		8.4		1.2	2.3	4.9		
		Average Speed (km/h)		29.65		36.00	27.60	24.50		
		Dynamic CO ₂ Emission Coefficient (g/s)			2.5142		2.4258	2.5091	2.4635	
		CO ₂ Emission (g)			5,382.03					
CO ₂ Emission per Trip (g)			5,663.33							