Distribution and Main Influencing Factors of Net Ecosystem Carbon Exchange in Typical Vegetation Ecosystems of Southern China

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Fig. S1. Monthly variations of air temperature (T) at the Qianyanzhou (QYZ), Dongguan (DG), and Zhuhai (ZH) stations. The shaded areas represent one standard deviation.
Fig. S2. Distribution of the monthly net ecosystem carbon exchange (NEE) and wind speed (WS) (a), the monthly NEE and relative humidity (RH) (b), and the monthly NEE and vapor pressure deficit (VPD) (c) at the Qianyanzhou station. The shaded areas represent one standard deviation.
Fig. S3. Monthly variations of vapor pressure deficit (VPD) at the Qianyanzhou (QYZ), Dongguan (DG), and Zhuhai (ZH) stations. The shaded areas represent one standard deviation.
**Fig. S4.** Diurnal variation of air temperature (T) at the Qianyanzhou (a and b), Dongguan (c and d), and Zhuhai ecosystem stations (e and f). MAM: March–April–May; JJA: June–July–August; SON: September–October–November; and DJF: December–January–February. The shaded areas represent one standard deviation.
Fig. S5. Diurnal variation of wind speed (WS) at the Qianyanzhou (a and b), Dongguan (c and d), and Zhuhai ecosystem stations (e and f). MAM: March–April–May; JJA: June–July–August; SON: September–October–November; and DJF: December–January–February. The shaded areas represent one standard deviation.
Fig. S6. Diurnal variations of wind direction at the Zhuhai station. MAM: March–April–May; JJA: June–July–August; SON: September–October–November; and DJF: December–January–February.
**Fig. S7.** Diurnal variation characteristics of vapor pressure deficit (VPD) at the Qianyanzhou (a and b), Dongguan (c and d), and Zhuhai (e and f) stations. MAM: March–April–May; JJA: June–July–August; SON: September–October–November; and DJF: December–January–February. The shaded areas represent one standard deviation.