

**SUPPLEMENTARY INFORMATION**

**for**

**Current status of fine particulate matter (PM<sub>2.5</sub>) in Vietnam's most populous city, Ho Chi Minh City**

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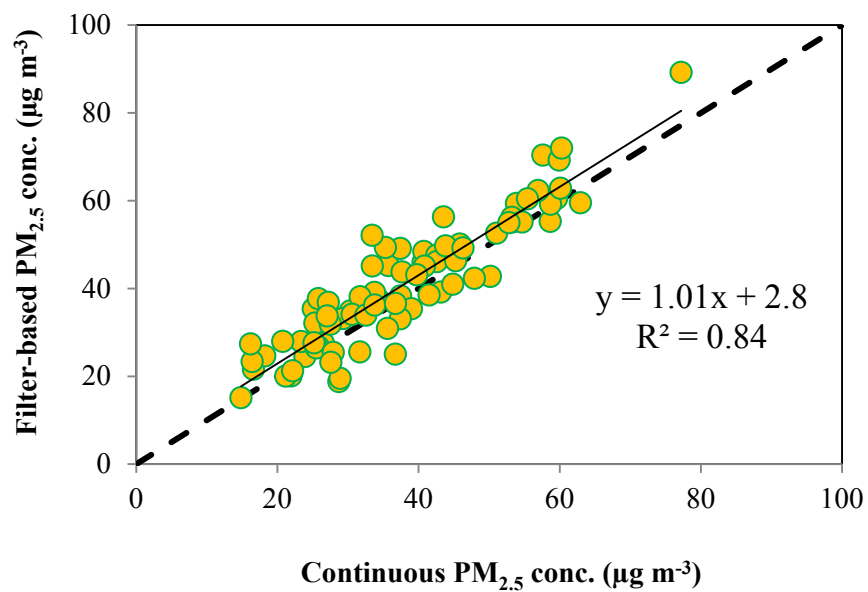
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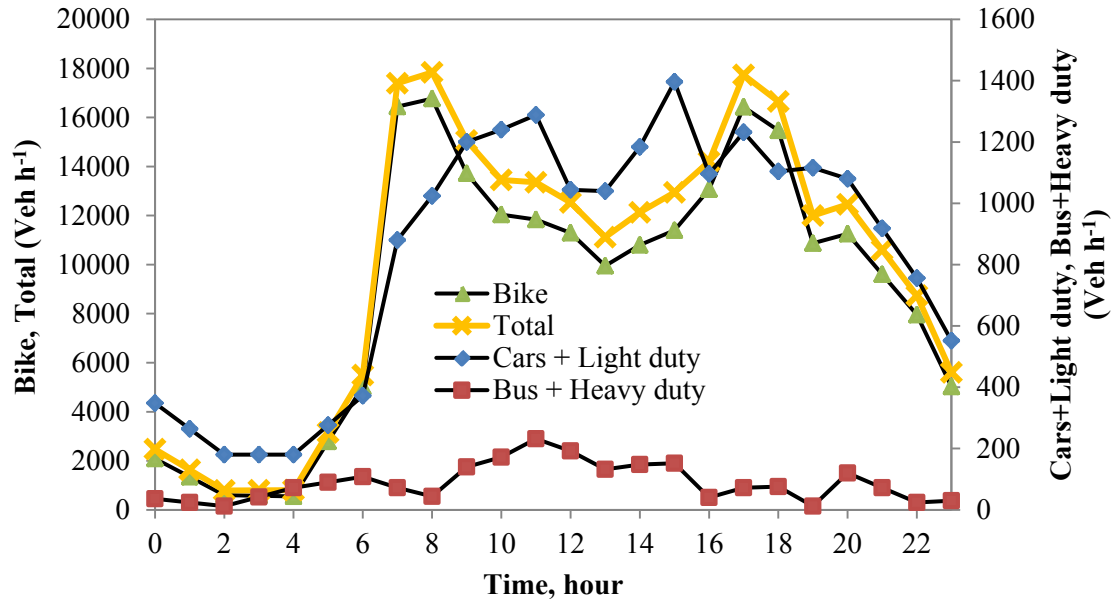
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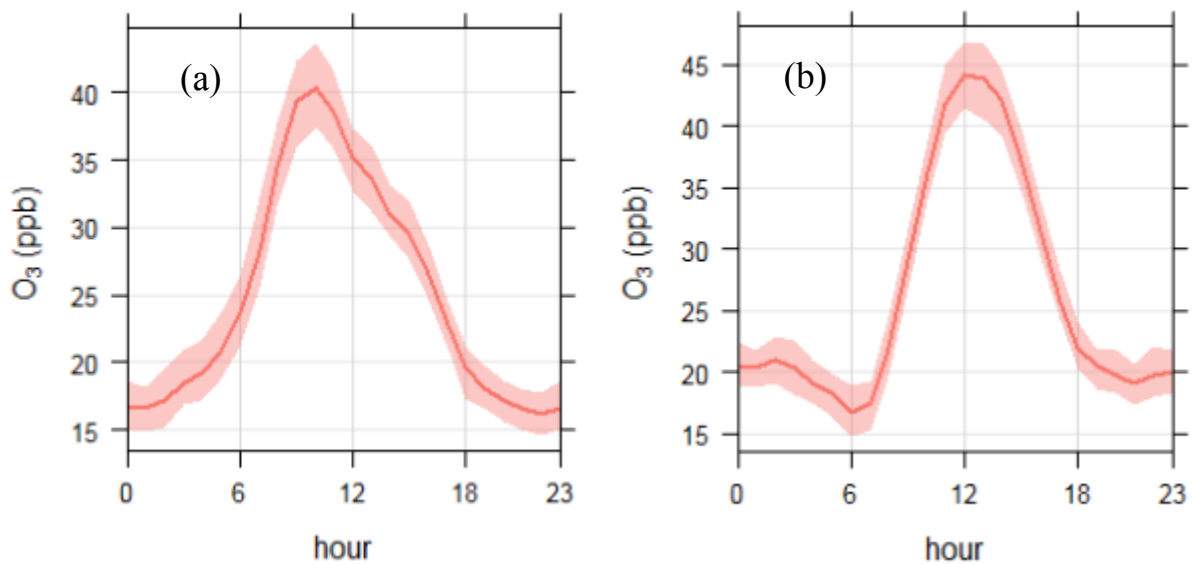
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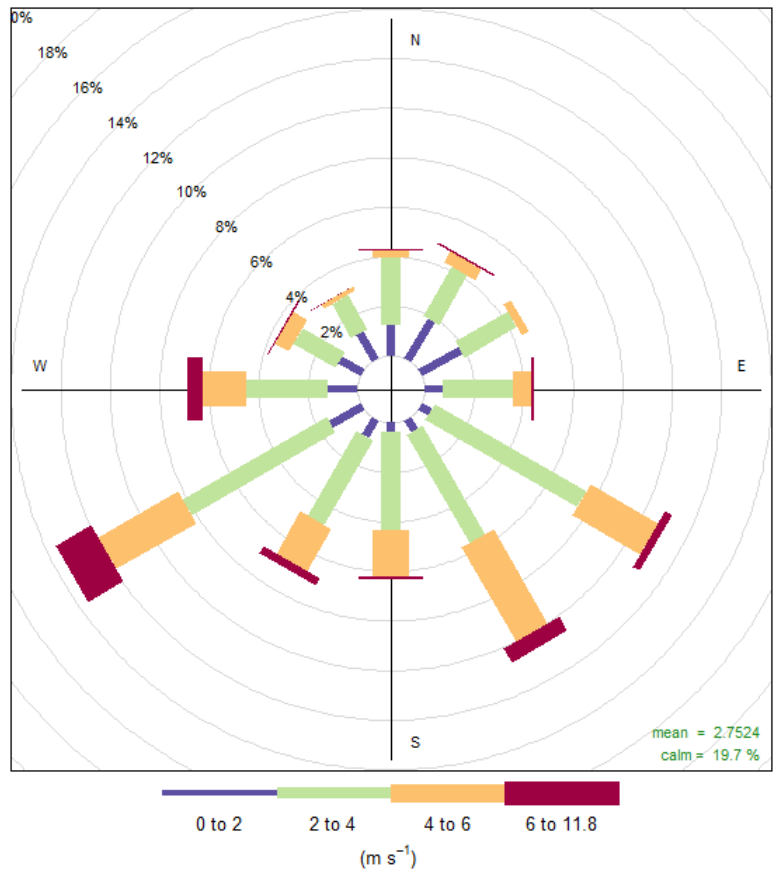
**Fig. S1.** Correlation between continuous PM<sub>2.5</sub> concentration (µg m<sup>-3</sup>) and filter-based PM<sub>2.5</sub> concentration (µg m<sup>-3</sup>) at the RO1 site during Mar 2017 – Mar 2018.



**Fig. S2.** Hourly traffic flow at the RO1 site (Nguyen Van Cu Street)



**Fig. S3.** Diurnal variation of O<sub>3</sub> at the RO1 site during Mar 2017 – Mar 2018. (a) rainy season, (b) dry season. Figures plotted using the timeVariation function in Openair.



**Fig. S4.** Windrose at the RO1 site during Mar 2017 – Mar 2018. Figures plotted using the windRose function in Openair.

**Table S1:** Overviews of study sites

<b>Sites</b>	<b>Co-ordinate</b>	<b>Type</b>	<b>Pollutants</b>	<b>Number of PM<sub>2.5</sub> sample</b>
RO1 (*)	10.7626° N, 106.6819° E	Roadside	PM <sub>2.5</sub> (filter-based and continuous), PM <sub>10</sub> , NO <sub>x</sub> , CO, O <sub>3</sub> , meteorological station	90
RO2	10.78° N, 106.6872° E	Roadside	PM <sub>2.5</sub>	91
RE1	10.7717° N, 106.6839° E	Residential	PM <sub>2.5</sub>	84
RE2	10.7952° N, 106.7344° E	Residential	PM <sub>2.5</sub>	96
UB	10.7869° N, 106.7067° E	Urban background	PM <sub>2.5</sub>	90
RU(**)	10.615° N, 106.8156° E	Rural	PM <sub>2.5</sub>	14

Notes: (\*): Continuous PM<sub>2.5</sub> (FH62C14), NO<sub>x</sub> (42i), CO (48i) and O<sub>3</sub> (49i) are measured by Thermo suite at RO1 site.

(\*\*) seven PM<sub>2.5</sub> samples were collected in each season (i.e. dry and rainy seasons).