

Figure S1. Structural drawing of two temples in Vietnam and Taiwan

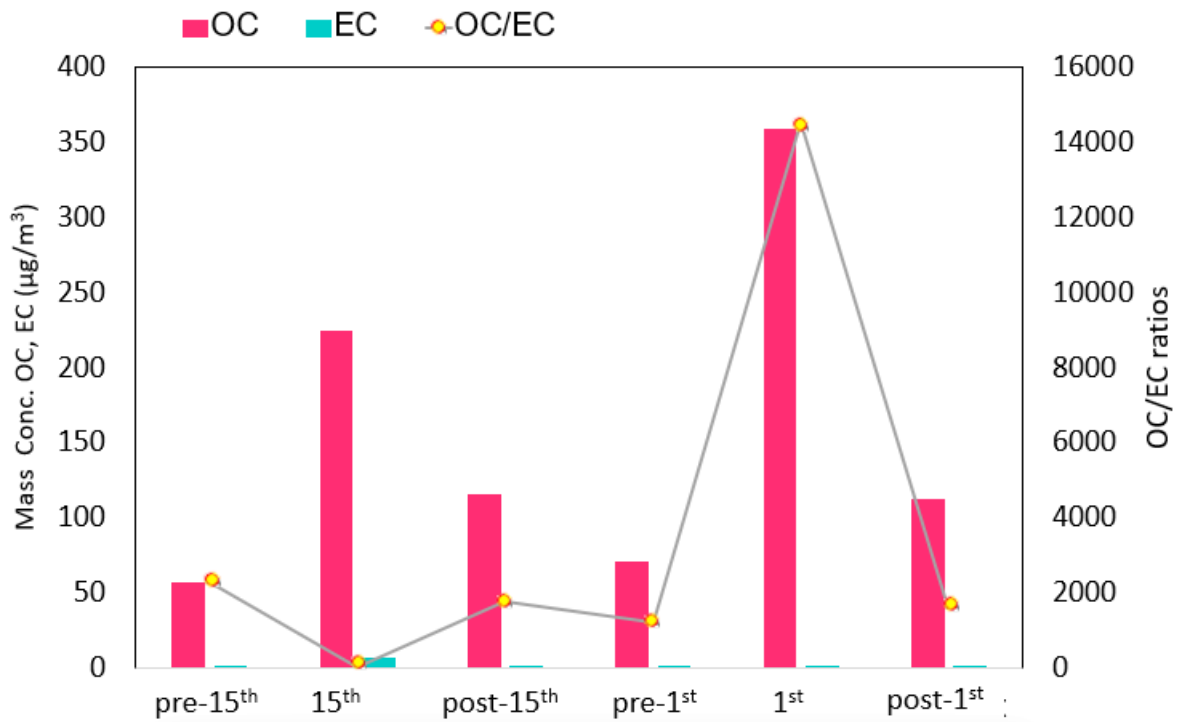


Figure S2. Evolution of OC and EC concentrations at Taiwan temple during both sampling periods.

Table S1. Calibrated equation of 4 ASLUNG-P sensors

Country	PM ₁	PM _{2.5}
Vietnam	Sensor 1: $Y = 2.309 + 0.541 * X$ Sensor 2: $Y = 2.691 + 0.586 * X$	Sensor 1: $Y = 8.959 + 0.598 * X$ Sensor 2: $Y = 7.506 + 0.719 * X$
Taiwan	Sensor 3: $Y = 0.064 + 0.957 * X$ Sensor 4: $Y = 0.191 + 0.998 * X$	Sensor 3: $Y = 0.770 + 0.626 * X$ Sensor 4: $Y = 0.966 + 0.636 * X$

Table S2. Daily concentration value of PM₁ and PM_{2.5} sampled by mobile sensor from temples in Vietnam and Taiwan

n: total samples were collected in the sampling site

Period 1	PM ₁ (µg/m ³)			
	pre-15 th	15 th	post-15 th	Daily Average
Vietnam temple (n=2,209)	21.1 ± 13.0	29.6 ± 14.3	21.1 ± 10.8	22.9 ± 15.8
Taiwan temple	45.9 ± 39.0	110 ± 55.0	78.6 ± 49.5	72.0 ± 52.7
Period 2	pre-1 st	1 st	post-1 st	Daily Average
Vietnam temple (n=2,209)	16.3 ± 8.2	45.5 ± 34.5	17.4 ± 10.5	22.6 ± 21.0
Taiwan temple	49.6 ± 42.7	130 ± 39.0	76.6 ± 49.9	77.1 ± 53.9

Period 1	PM _{2.5} (µg/m ³)			
	pre-15 th	15 th	post-15 th	Daily Average
Vietnam temple (n=2,209)	33.6 ± 21.9	45.9 ± 41.7	33.7 ± 14.8	36.6 ± 25.9
Taiwan temple	62.2 ± 50.2	137 ± 66.4	102 ± 59.5	93.4 ± 64.2
Period 2	pre-1 st	1 st	post-1 st	Daily Average
Vietnam temple (n=2,209)	27.7 ± 11.4	70.2 ± 74.9	28.9 ± 18.2	36.7 ± 39.8
Taiwan temple	67.7 ± 54.6	163 ± 48.3	101 ± 61.9	101 ± 66.4

Table S3. Number of people attending the temple during research period

Country	Pre 1st	1st	post 1st	Pre 15th	15th	post 15th
Taiwan	606	1260	660	240	1608	522
Vietnam	676	2654	712	923	1981	950