

Table S1. Pearson's Correlation coefficients among the studied exposures.

	Daily maximum apparent temperature (°C)	PM ₁₀ (µg/m ³)	Ozone (µg/m ³)	NO ₂ (µg/m ³)
Daily maximum apparent temperature (°C)	1			
PM ₁₀ (µg/m ³)	0.27	1		
Ozone (µg/m ³)	0.56	0.11	1	
NO ₂ (µg/m ³)	-0.12	0.48	-0.09	1

Table S2. Poisson regression estimated percent change in daily number of preterm births by 1°C increase of MAT (Lag 0-2) for residential proximity to green spaces and SEP; Rome, 2001-2013.

daily MAT (Lag 0-2)		SEP		
		High	Medium	Low
Residential proximity to green spaces	within 100m	2.20 (0.22;4.21)	2.60 (-0.19;5.51)	5.28 (2.97;7.65)
	between 100 - 500m	1.10 (-0.23;2.44)	2.60 (0.79;4.44)	2.57 (1.10;4.05)
	beyond 500m	-0.10 (-1.72;1.69)	2.11 (0.13;4.13)	1.27 (-0.31;2.87)

Table S3. Poisson regression estimated percent change in daily number of preterm births by 1 °C increase of MAT (Lag 0-2) for residential proximity to green spaces and maternal age; Rome, 2001-2013.

daily MAT (Lag 0-2)		Maternal Age		
		<30 yrs	30-36 yrs	>=37 yrs
Residential proximity to green spaces	within 100m	3.12 (0.55;5.76)	4.42 (2.47;6.42)	1.30 (-1.23;3.90)
	between 100 - 500m	3.12 (1.38;4.89)	1.65 (0.35;2.98)	1.38 (-0.17;2.95)
	beyond 500m	1.97 (-0.02;4.00)	1.53 (0.03;3.07)	-0.57 (-2.38;1.27)