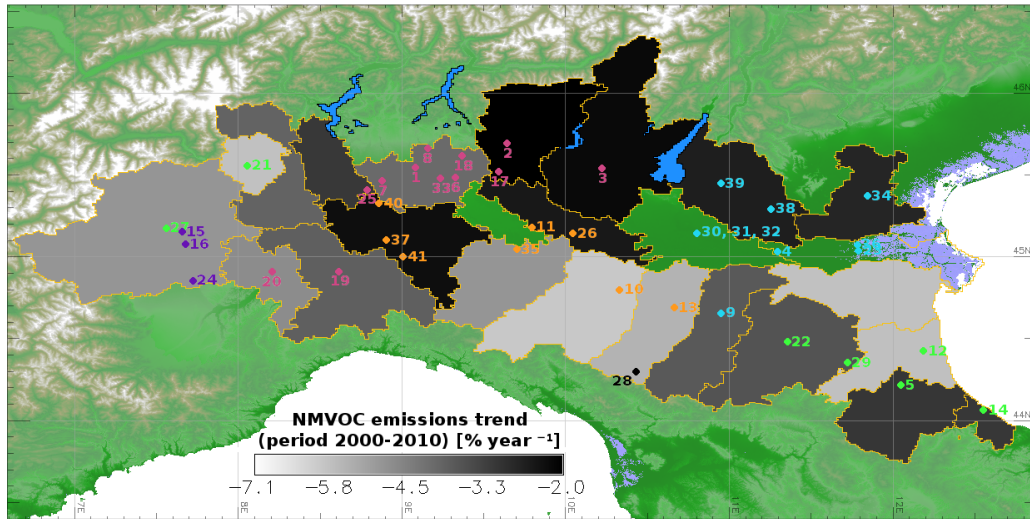
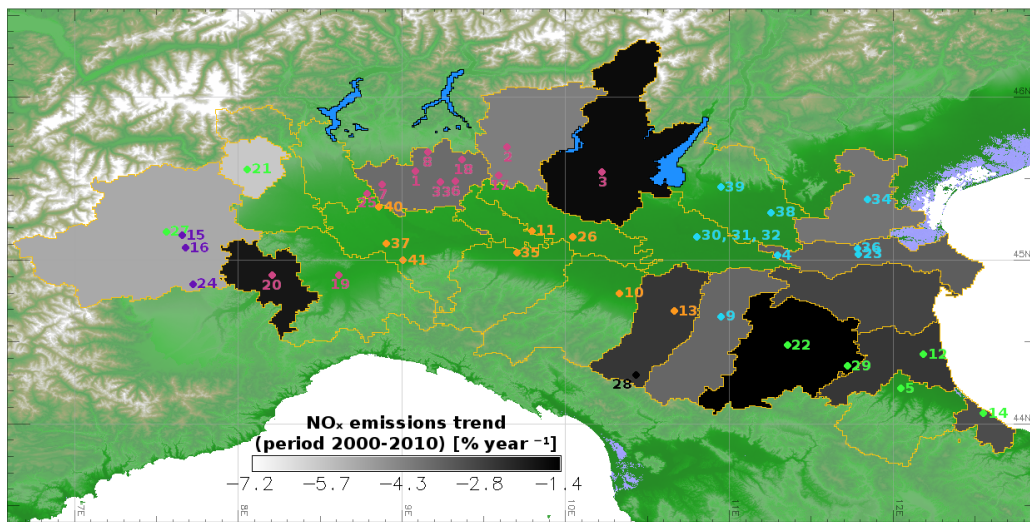


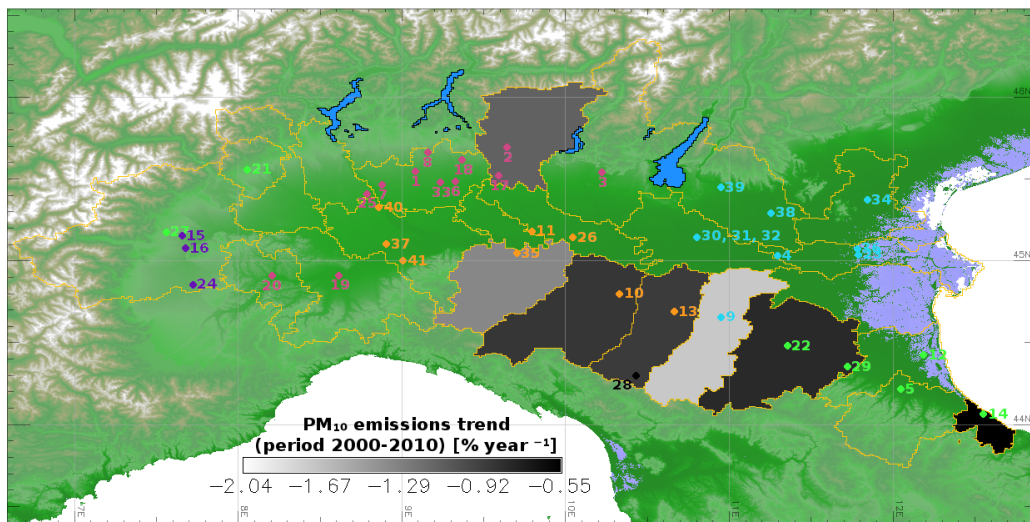
Figure S1: 7-day week mean PM₁₀ anomaly for all sites listed in table 1 (vertical bars indicate standard deviation)



(a)

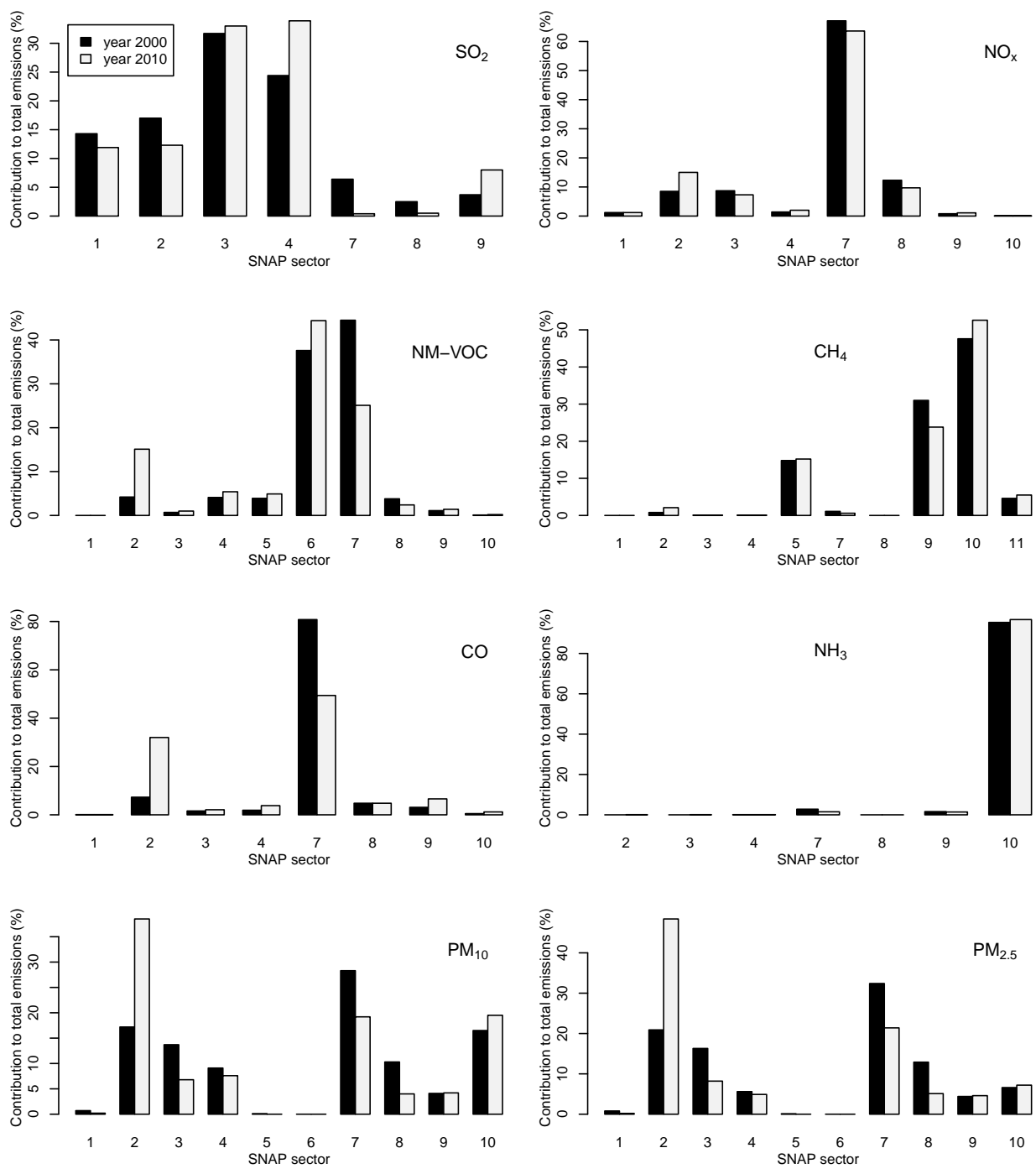


(b)



(c)

Figure S2: Significant annual trend in total emissions of NM-VOC (a), NO_x (b) and PM₁₀ (c)



SNAP sectors

- (1) Public power, co-generation and district heating plants
- (2) Commercial, institutional and residential combustion plants
- (3) Industrial combustion
- (4) Production processes
- (5) Extraction and distribution of fossil fuels
- (6) Solvent use
- (7) Road transport
- (8) Other mobile sources and machinery
- (9) Waste treatment and disposal
- (10) Agriculture
- (11) Nature

Figure S3: Change in percentual contribution by each SNAP sector to the emission of 8 atmospheric pollutants in the Po valley (period 2000-2010).