



Supplement of

Trends in atmospheric ammonia at urban, rural, and remote sites across North America

Xiaohong Yao and Leiming Zhang

Correspondence to: Xiaohong Yao (xhyao@ouc.edu.cn) and Leiming Zhang (leiming.zhang@canada.ca)

The copyright of individual parts of the supplement might differ from the CC-BY 3.0 licence.

Fig. S1 The capture rate of the data in each month at six Canadian sites.

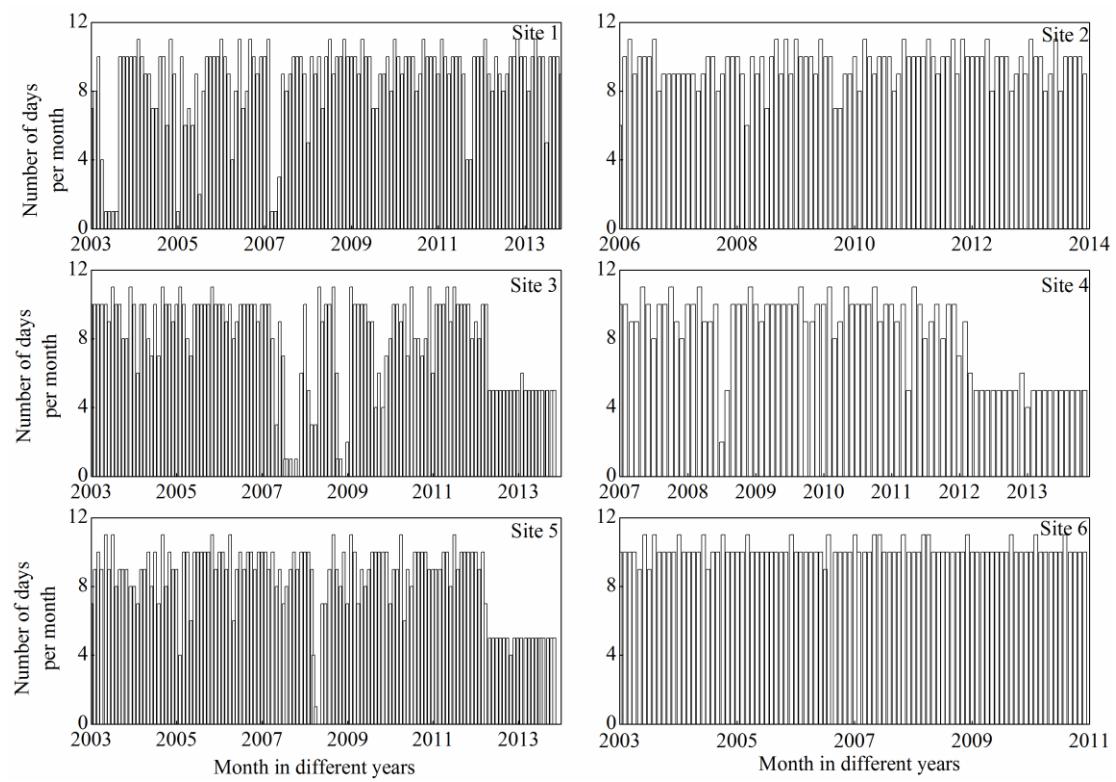


Fig. S2 Exponential correlations between atmospheric NH_3 and ambient T at six Canadian sites.

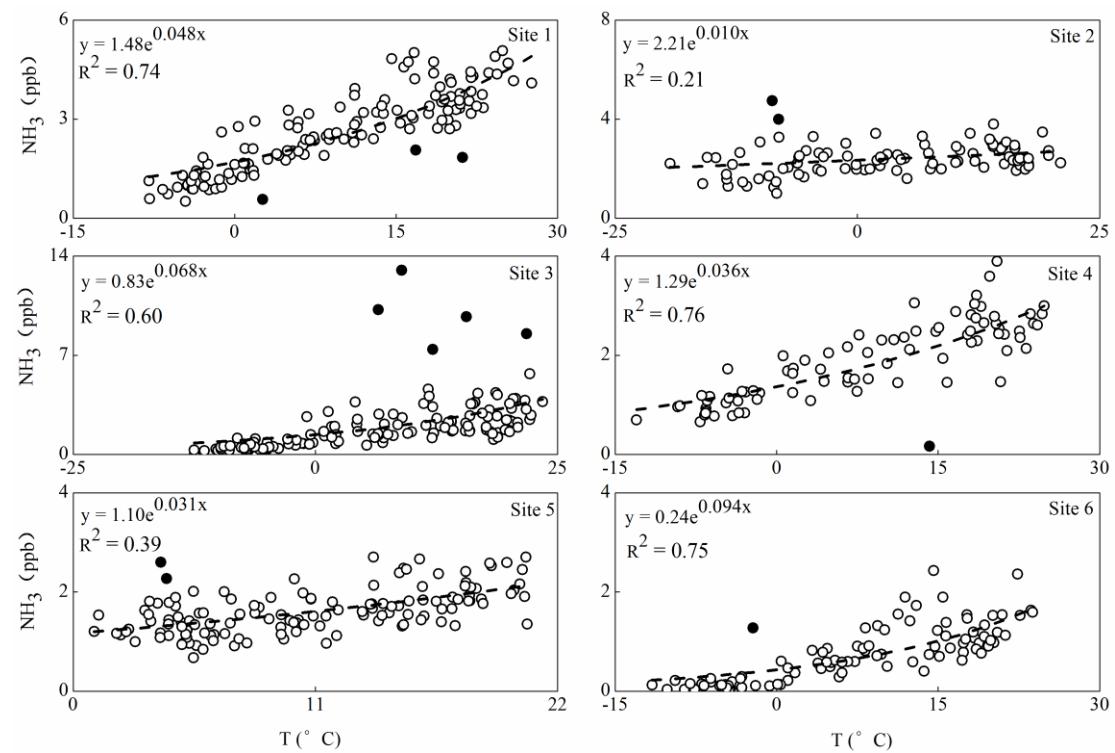


Fig. S3 Exponential correlations between atmospheric NH_3 and ambient T at eight U.S. sites

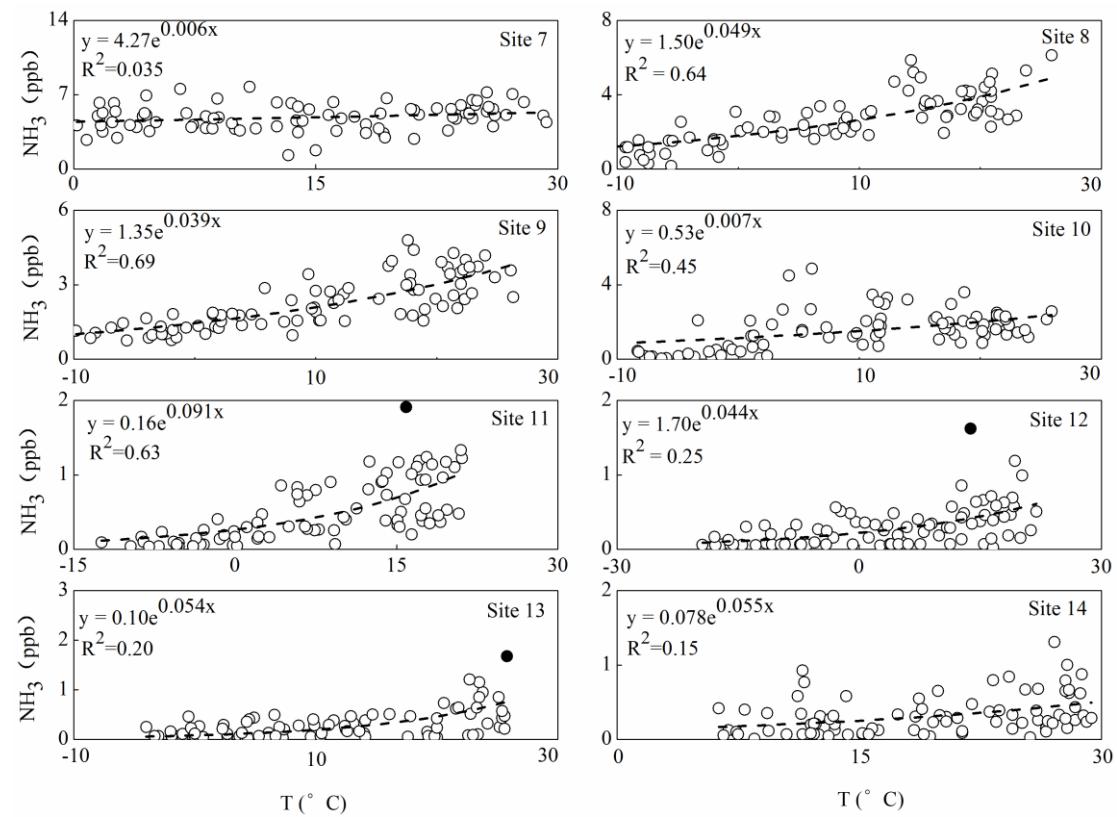


Fig. S4 Annual emissions of atmospheric NH_3 in three provinces of Canada (a: Ontario; B: Quebec; c: British Columbia).

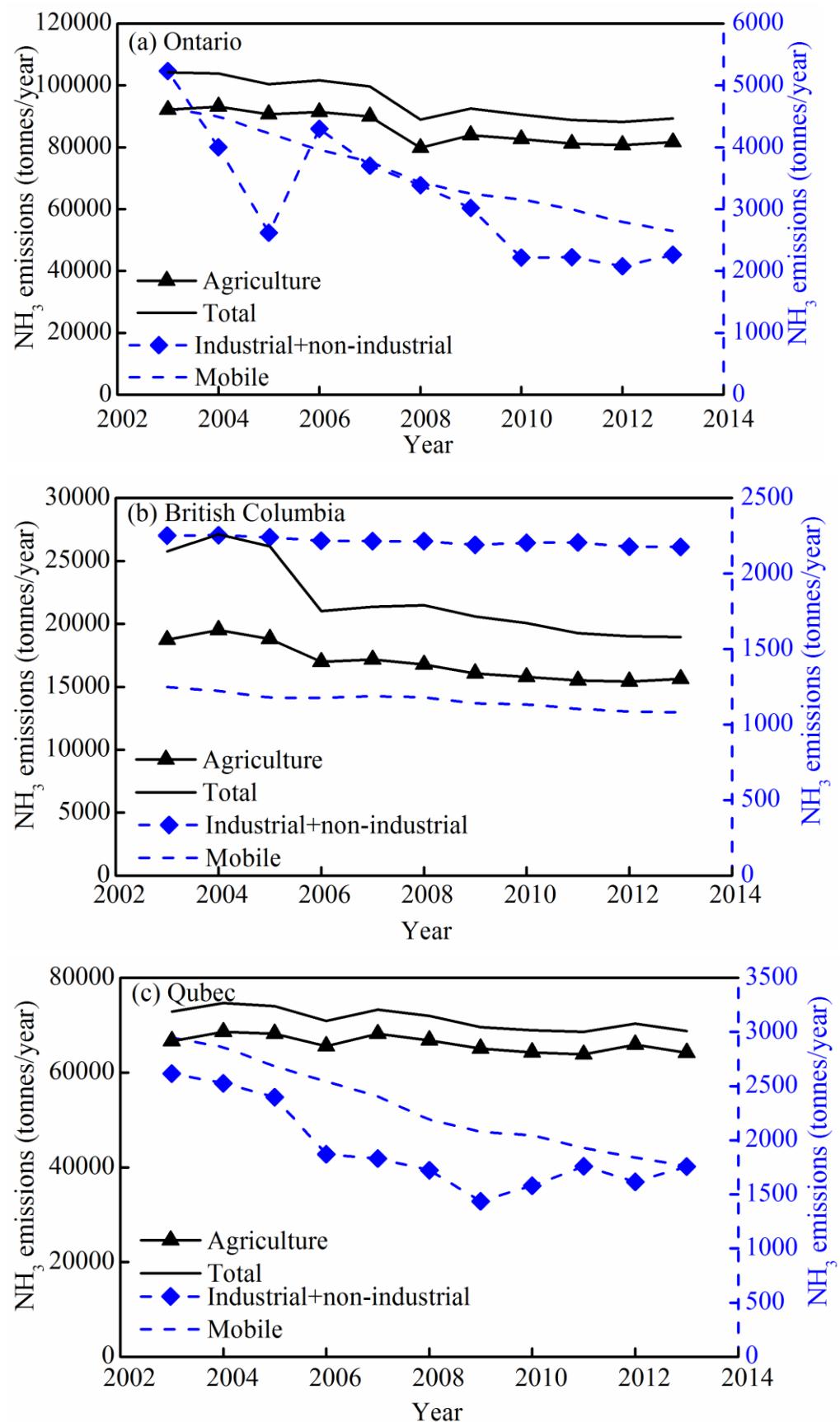


Fig. S5 The spectra of input data, IMFs and residual calculated by EEMD for atmospheric NH_3 at Site 1 from July 2003 to June 2014.

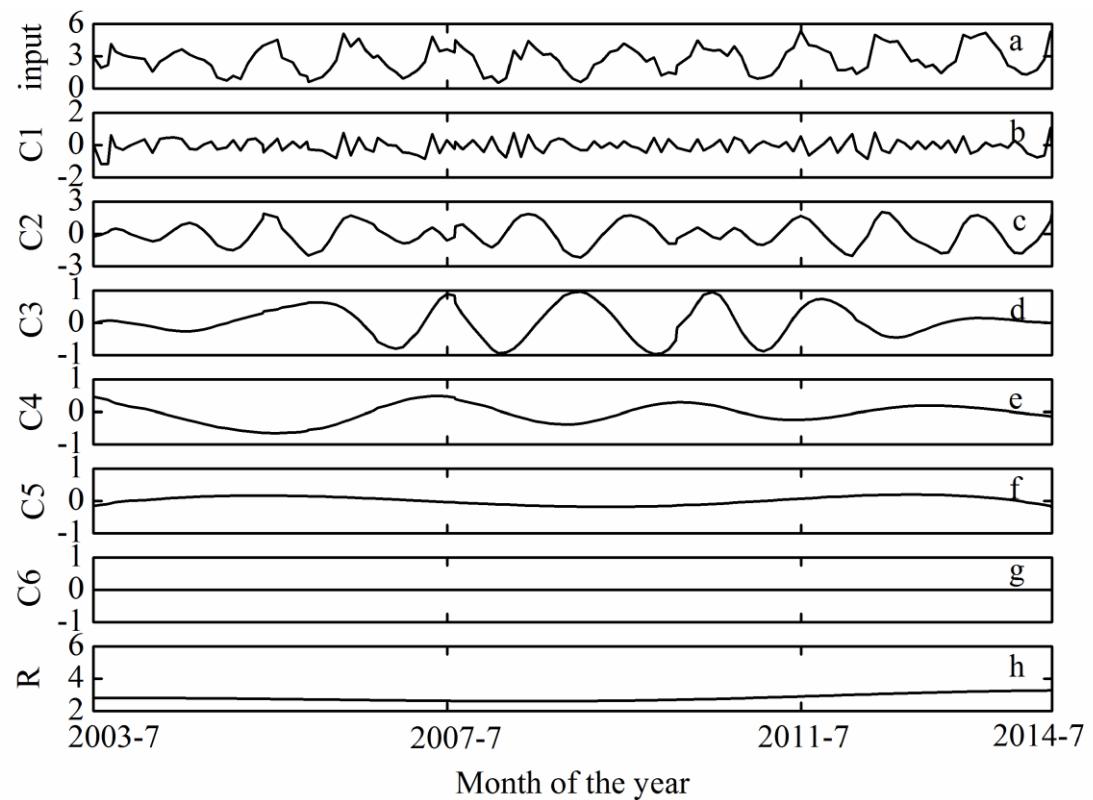


Fig. S6 The spectra of input data, IMFs and residual calculated by EEMD for pNH_4^+ in $\text{PM}_{2.5}$ at Site 1 from July 2003 to June 2014.

