

Interactive
Comment

Interactive comment on “Vertical variations of aerosols and the effects responded to the emission control: application of lidar ceilometer in Beijing during APEC, 2014” by G. Tang et al.

Anonymous Referee #2

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The study explored the relationship between emission controls in Northern China and air quality in Beijing during the APEC summit 2014 using a ceilometer and other ground measurements. The results are useful to the community to have a better understanding of the effectiveness of emission control measures in Beijing and neighboring regions. The paper can be published once following issues are addressed.

1) Maps are needed to illustrate not only the locations of Beijing and surrounding provinces that involved in emission control, but also the location of the measurement site in the city of Beijing.

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2) Improvement in wording is needed, polishing by a native English speaker is recommended.

3) It is recommended to elaborate on winter heating policy in China since the central heating in Northern China all stick to the same schedule, which provide a unique opportunity to evaluate the impact of coal-fired heating. Otherwise the readers may be confused why the impact of the heating can be estimated.

Interactive comment on Atmos. Chem. Phys. Discuss., 15, 13173, 2015.

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