

Interactive comment on “Two decades of satellite observations of AOD over mainland China” by Gerrit de Leeuw et al.

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Hi,

It is a nice paper. I have a couple of questions about the CALIOP data you have used in the study.

1. Are the day-time and night-time data of CALIOP all used in this study ?
2. Did you consider the cloud aerosol discrimination (CAD) score of the aerosol extinction coefficients data? If so, what criteria did you apply to select the aerosol extinction coefficients?
3. What is the vertical range (lower troposphere? upper troposphere? lower strato-

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sphere? or any other?) that you have considered when calculating the AOD, e.g., in Fig.5 ?

Thank you very much.

Regards, Xue

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