

Interactive comment on “Regional characteristics of spring Asian dust and its impact on aerosol chemistry over northern China” by Y. L. Sun et al.

Anonymous Referee #2

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The subject of the paper, study on the aerosol concentration and composition of spring Asian dust and its impact on aerosol chemistry over northern China is relevant to the scope of the journal. However, there is no significant new finding about the characteristics of spring Asian dust. There are already many papers about the characteristics of spring dust over northern China for recent years. This paper may be suitable for publication subject to appropriate consideration of the following points.

(1) The structure and discussion in this manuscript seemed disordered and did not focus on a point, which could not show the emphases the author want to explain. (2) The title of this paper is regional characteristics of spring Asian dust and its impact on aerosol chemistry over northern China, but there is just one-year data collected in 2004. I suggest more data collected in time serial in China need to be organized to give

a light sight of such a subject. (3) The conclusions in this work show no new findings on dust in China since there are similar results generated from so many papers published recent years.

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