

## ***Interactive comment on “Overview of the Mount Tai Experiment (MTX2006) in Central East China in June 2006: studies of significant regional air pollution” by Y. Kanaya et al.***

**Anonymous Referee #3**

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This paper presents an overview of the campaign and the obtained results, and a synthesis of the individual papers presented in the special issue on the Mt. Tai Experiments (MTX2006) in Central East China in June 2006. The paper is well written, and has high scientific merit. I recommend publication after the authors satisfactorily address the following comments.

As stated by the authors, this paper gives an overview of the campaign of the Mt. Tai Experiments (MTX2006) in Central East China in June 2006, and summarizes the major findings already presented in the individual papers involved in the campaign. I can see those are done in Section 6. However, the authors also stated “Also, we newly ex-

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plore comparisons of  $\text{CO}/\text{NO}_y$  and  $\text{O}_3/\text{NO}_z$  ratios between observations and model simulations, correlations between VOCs and levoglucosan, dependence of OC mass concentrations on air mass age, and fractions of OC which were molecularly identified.” Apparently these are new findings which have not been presented in the individual papers. If so, these new findings need to be presented in a separate section, and elaborated in more details than those in Section 6. For instance, what technique was used to measure levoglucosan and what are its precision, calibration etc. need to be presented.

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Interactive comment on Atmos. Chem. Phys. Discuss., 13, 1527, 2013.

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