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Interactive comment

Interactive comment on "Air Quality and Climate Change, Topic 3 of the Model Inter-Comparison Study for Asia Phase III (MICS-Asia III), Part II: aerosol radiative effects and aerosol feedbacks" by Meng Gao et al.

Anonymous Referee #1

Received and published: 20 September 2019

General comments: The manuscript entitled "Air Quality and Climate Change, Topic 3 of the Model Inter-Comparison Study for Asia Phase III (MICS-Asia III), Part II: aerosol radiative effects and aerosol feedbacks discussed the estimates of aerosol radiative forcing, aerosol feedbacks and the dominant roles of direct forcing. The possible causes for the differences among the models were also analyzed by sensitivity simulation. Some interesting results have been found. However, the manuscript needs to be improved in writing and logically organization in its structure. I recommend to publish it after major revision.

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Discussion paper



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aerosols. How about the effect of sulfate aerosol?

Technical corrections: 1. Line 110, 'In Sect. 2'??? Please check it. 2. Line 118, Please give the full spelling of BTH when the abbreviation appears at the first time. 3. Line 118, 'reports' should be changed to 'report'. 4. Line 121, Please give the full spelling of AOD. 5. Line 257, 'by dust' should be changed to 'of dust'.

Interactive comment on Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2019-719, 2019.

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