

Interactive comment on “Decreasing Trends of Particle Number and Black Carbon Mass Concentrations at 16 Observational Sites in Germany from 2009 to 2018” by Jia Sun et al.

Anonymous Referee #1

Received and published: 30 September 2019

The authors reported historical trends of particle number and black carbon concentrations. The article is well-written. I recommend to publish in ACP. A major comment is given here. The authors try to link the pollutants historical trends with mitigation policies. However, only few pollution control regulations are introduced in the introduction section. These regulations should be also mentioned to explain the changes in pollutant concentrations. Thus, it would be much better for understanding the long-term effects of emission mitigation policies. Some implications on the benefit of decreasing PN and BC, for examples, health effects and visibility, should be added at the end of article to enhance the scientific and policy significance.

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2019-754>, 2019.

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