

Interactive comment on “Community composition and seasonal changes of archaea in coarse and fine air particulate matter” by Jörn Wehking et al.

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The authors investigated the 16S-rRNA of airborne archaea with Illumina sequencing from atmospheric coarse and fine particulate matter samples and show seasonal dynamics and discuss anthropogenic influences on diversity, composition and abundance of airborne archaea. The topic of this manuscript is welcomed, and the settings of the experiments are acceptable. However, the data presented in the manuscript, some 16S rRNA gene sequences and several physicochemical parameters, are too less to support a full-length scientific paper.

Specific comments: Page 9 line 18: “Candidatus Nitrosophaera” should be “Candidatus Nitrosophaera” Page 10 line 6: “Nitrosophaera” should be “Nitrosophaera”

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Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2017-514, 2017>.

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