

Atmos. Meas. Tech. Discuss., referee comment RC1
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Comment on amt-2022-74

Anonymous Referee #1

Referee comment on "A new method for calculating average visibility from the relationship between extinction coefficient and visibility" by Zefeng Zhang et al., Atmos. Meas. Tech. Discuss., <https://doi.org/10.5194/amt-2022-74-RC1>, 2022

General comments

The authors proved that the algorithm previously used to estimate average visibility is incorrect, and it causes the problems in previous studies related to reliability and credibility. I don't think it is a 'correct' method to calculate the average of the visibility and other methods in the previous studies were incorrect. In this study, I wonder what the definition of the terms 'correct' and 'incorrect' is. I prefer to utilize the term 'an improved method.' In my opinion, it is one of the scientific methods for investigating the natural world instead of the absolutely correct way to estimate the average visibility.