

## ***Interactive comment on “Constraining the Twomey effect from satellite observations: Issues and perspectives” by Johannes Quaas et al.***

**David Painemal**

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Dear authors, I would like to draw your attention to a recently published ACP paper that makes use of vertically resolved CALIPSO retrievals for investigating co-variability between cloud droplet number concentration (Nd) from MODIS and aerosols (Painemal et al., 2020). We also discuss the advantages of using vertically resolved aerosol properties relative to the common approach of using aerosol optical depth. The material discussed in Painemal et al. (2020) could be relevant to the topic discussed in your manuscript. <https://www.atmos-chem-phys.net/20/7167/2020/acp-20-7167-2020.html>

Best regards David Painemal SSAI/ NASA Langley Research Center  
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Discussion paper



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