

Interactive comment on “Spectral- and size-resolved mass absorption efficiency of mineral dust aerosols in the shortwave: a simulation chamber study” by Lorenzo Caponi et al.

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This manuscript cites our publication (Moosmüller et al., 2012), which characterized optical properties of ten dust samples at two wavelengths (405 and 870nm). Since then, we have published additional results (Engelbrecht et al., 2016) characterizing optical properties of 65 dust samples at three wavelengths (405, 532, and 781 nm). These additional results should be considered for putting the results of the present manuscript into context.

REFERENCES

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Moosmüller, H., J. P. Engelbrecht, M. Skiba, G. Frey, R. K. Chakrabarty, and W. P. Arnott (2012). Single Scattering Albedo of Fine Mineral Dust Aerosols Controlled by Iron Concentration. *J. Geophys. Res.*, 117, doi:10.1029/2011JD016909.

Engelbrecht, J. P., H. Moosmüller, S. Pincock, R. K. M. Jayanty, T. Lersch, and G. Casuccio (2016). Technical Note: Mineralogical, Chemical, Morphological, and Optical Interrelationships of Mineral Dust. *Atmos. Chem. Phys.*, 16, 10809–10830.

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