

Interactive comment on “Simultaneous retrieval of aerosol and surface optical properties from combined airborne- and ground-based direct and diffuse radiometric measurements” by C. K. Gatebe et al.

Anonymous Referee #2

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The paper is very interesting and new scientific information can be expected from applying the described joint inversion scheme for optical properties of aerosols. While aerosol size distribution is discussed in detail, there is much less discussion on the results for the single scattering albedo and refractive index. More comparison to AERONET results would better illustrate the potential of the synergy of CAR/radiometer retrieval. Adding first results from the announced sensitivity study and error analysis would be very beneficial.

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 26491, 2009.
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Interactive Discussion

Discussion Paper

