ALH from First Principles: Application to OCO-2

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Oxygen Absorption and Aerosol Vertical Profile

Colosimo et al. (2015)
OCO-2 Sensitivity to AOD, ALH and ALW
ALH Retrievals
The Critical Albedo Problem

![Graph](image-url)
Synergies in Aerosol Remote Sensing

- Multi-angle SSA, phase function
- Multi-wavelength AOD, Angstrom exponent
- Polarization spherical/non-spherical; aerosols/surface
- Hyperspectral vertical distribution
AOD Retrievals