

# Comparison of Level 1.5 and Level 2.0

## AERONET Absorption Products

-- Schuster, Dubovik

Two possible approaches have been suggested by Bond et al. (2013) for inferring AAOD from AERONET when  $AOD(440) < 0.4$ :

1. Compute the climatological SSA from the Level 2 data, then

$$AAOD = (1 - SSA_{L2}) * AOD$$

2. Use Level 1.5 AAOD when absorption is missing from the Level 2 dataset.

We compare these approaches at 416 AERONET sites.

