

Continue “MODIS/MISR/PARASOL/OMI” aerosol retrievals over land and oceans

OES bands for aerosols – TOMS AI, 1.20, 1.38, 1.64/1.55, 2.1/2.25

Identify aerosol type (size, shape & SSA)

Multiangle & polarization

Plume heights

Multiangle (polarization)

*OCO-3 possible with PACE??

Continue “MODIS/MISR/PARASOL/OMI” clouds retrievals over land and oceans

OES bands for clouds – 940, 1.20, 1.38, 1.64/1.55, 2.1 & 2.25, 3.7** (**=cost?)

Cloud top particle size

Cloud top heights

Multiangle or polarization

Cloud albedo

*OCO-3 possible with PACE??

Process Studies – Aerosols

Aerosol – ocean ecology interactions

Radiative forcing of absorbing aerosols over clouds/
snow/ice

Semi-direct effect

Aerosol – ecosystem interactions

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