

Composition

(AMS, ACSM, SP2, SPLAT)



Water uptake

(HTDMA, DMA+CCNc)



Δ scattering

(humidified nephs,
lidar, 4STAR?)

Emission / formation

(Modeling, field studies)

+ aging



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Water uptake

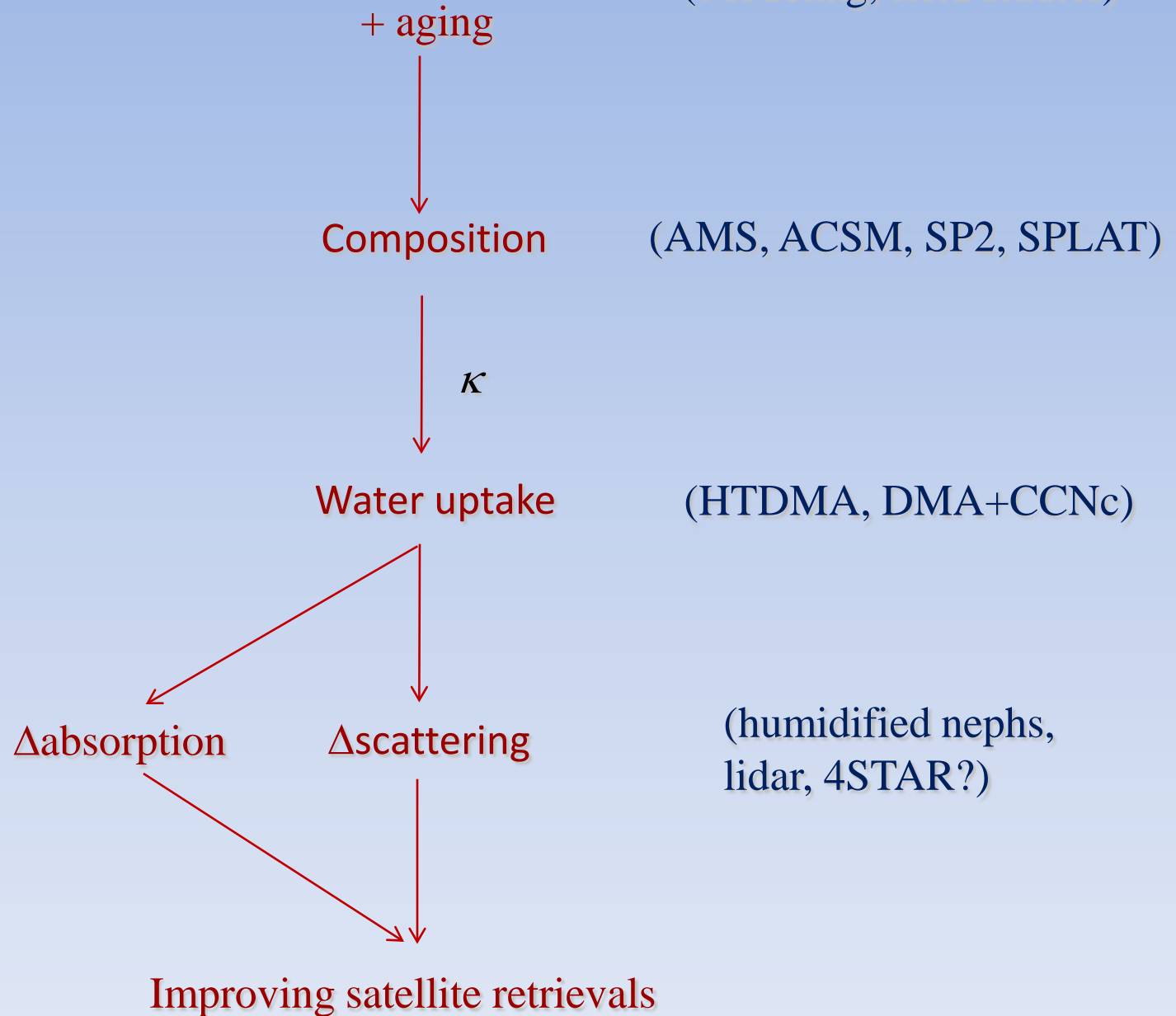
(HTDMA, DMA+CCNc)

Δ absorption

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Improving satellite retrievals



Emission / formation

(Modeling, field studies)

+ aging

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(AMS, ACSM, SP2, SPLAT)

κ

Water uptake

(HTDMA, DMA+CCNc)

Δ absorption of
upwelling IR
(nighttime)

Δ absorption

Δ scattering

(humidified nephs,
lidar, 4STAR?)

Improving satellite retrievals