

DEVELOPMENT OF A MULTI-ANGLE LIGHT- SCATTERING SPECTROMETER FOR AIRCRAFT USE

MSP Corporation

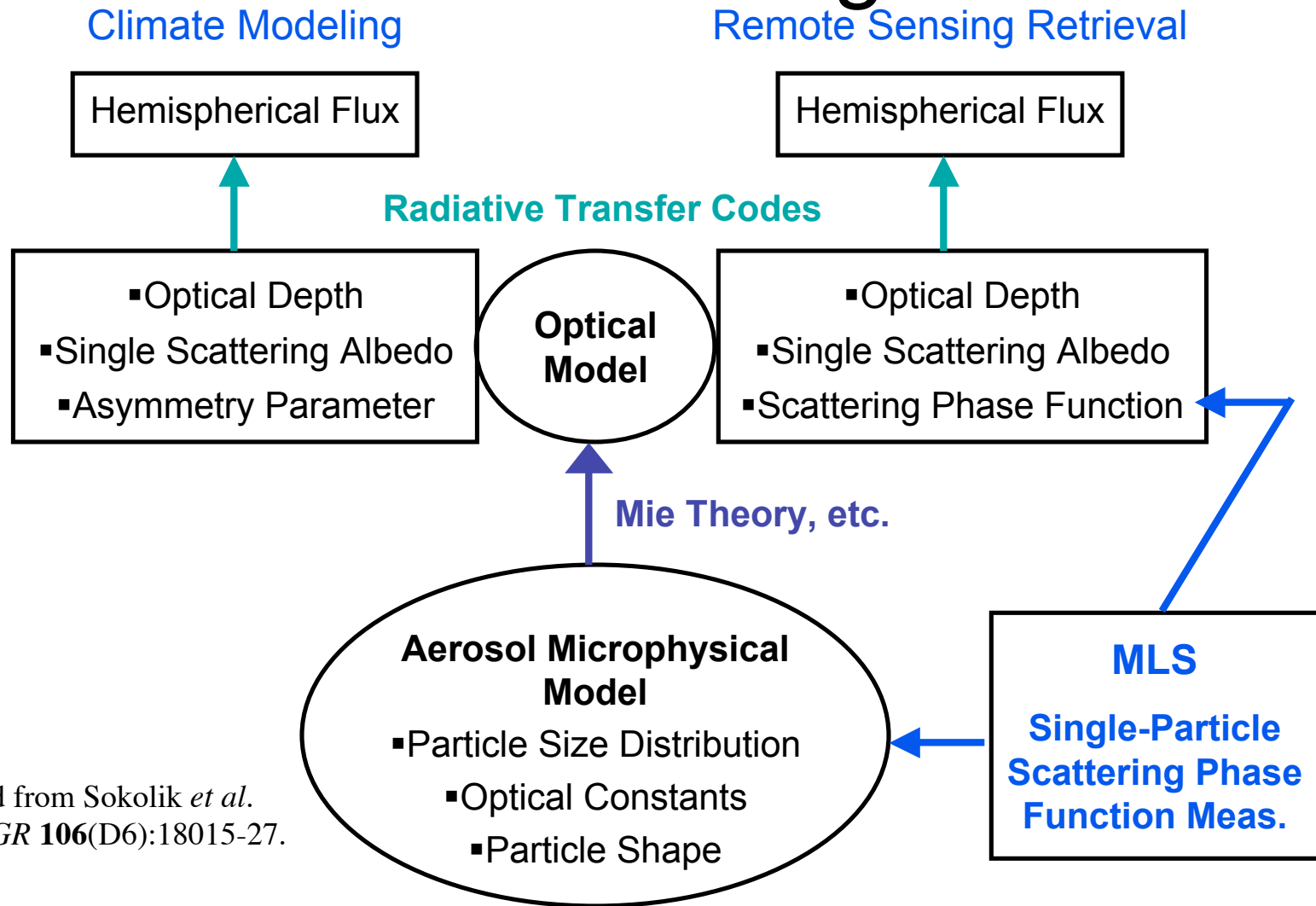
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Application

Provide direct measurements of key properties needed for inversion of data from satellite-borne remote sensors and ground-based LIDAR systems for aerosol characterization over a large geographical area.

Intersection of the aircraft flight path with the satellite path at the same point in time allows direct correlation of MLS data and remote-sensing data.

Role in Radiative Effects Modeling*



*Adapted from Sokolik *et al.*
(2001) *JGR* **106**(D6):18015-27.

Airborne MLS Spectrometer Layout

