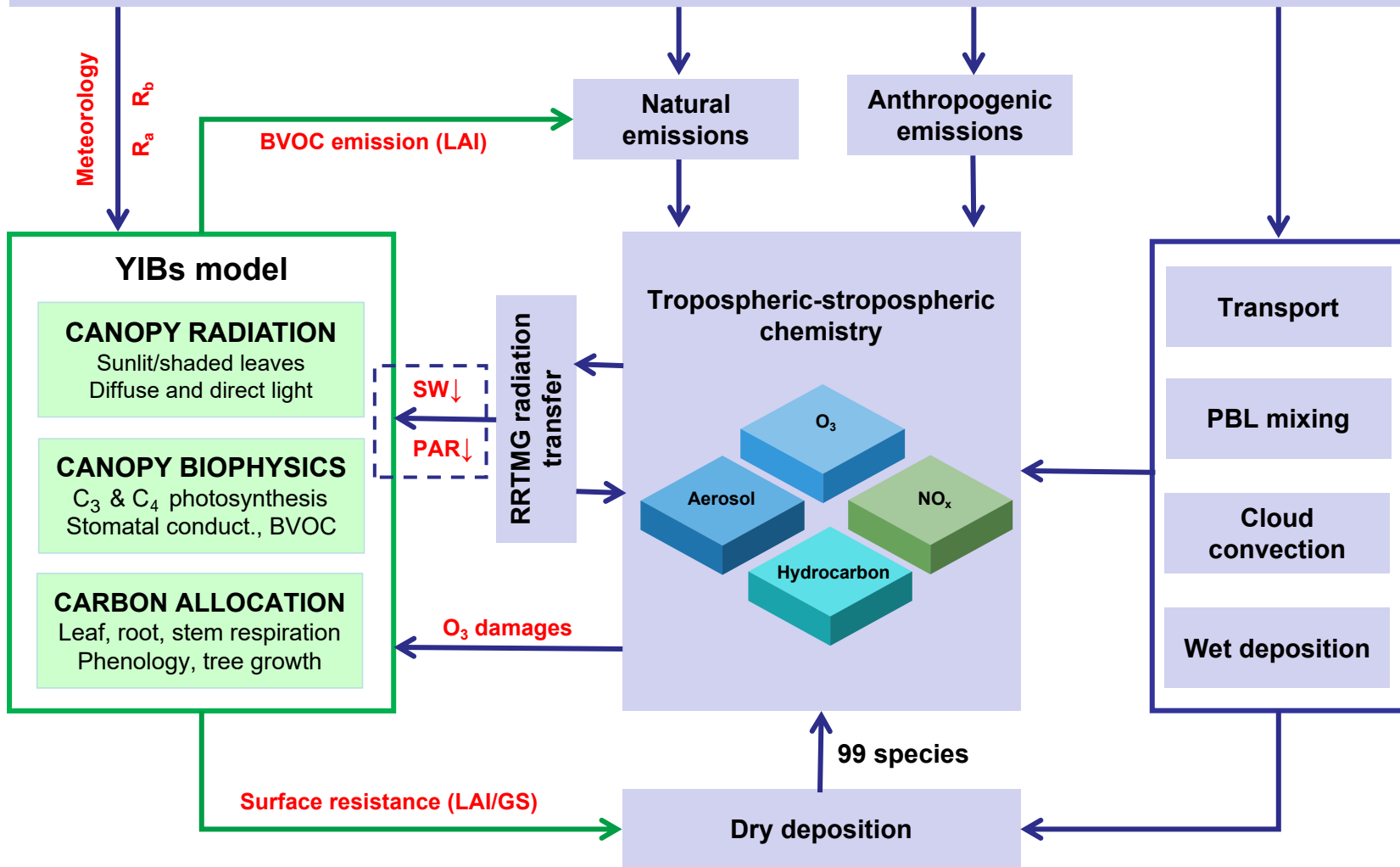


# GEOS-Chem model



$R_a$ : aerodynamic resistance;  $R_b$ : boundary layer resistance; GS: stomatal conductance; PAR: photosynthetically active radiation