



LEAF ENERGY


BALANCE:

The Ecological Importance of Transpiration (T)

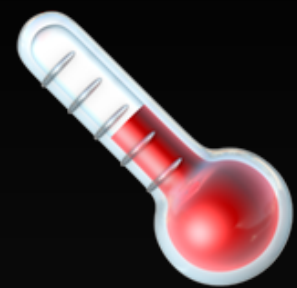


The Ecohydrological Importance of Transpiration (T)

Both radiative and turbulent energy fluxes depend on characterizing surface temperature as well as a host of atmospheric properties

 **LEAF ENERGY BALANCE:** $\rho C_p \frac{dT}{dt} = R_n - H - \lambda T - \cancel{A} - \cancel{E}$

Most thermal remote sensing platforms can't resolve canopy-scale patterns of surface temperature... but UAVs can.



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BALANCE**

UAV Pandemic Project

