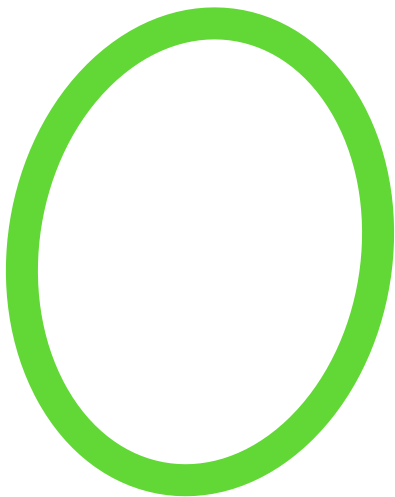
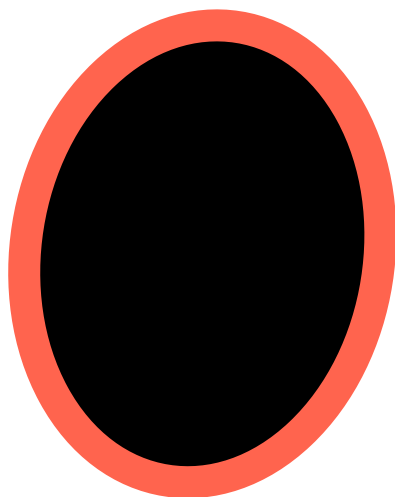
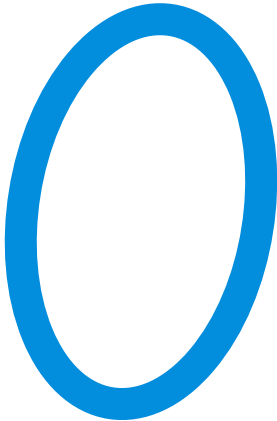




LEAF WATER BALANCE:

$$\frac{d\theta}{dt} = F_{in} - T - E - L - Q$$





LEAF ENERGY

BALANCE:



LEAF CARBON BALANCE

$$\frac{dB}{dt} = \epsilon T - R_A - F_c$$



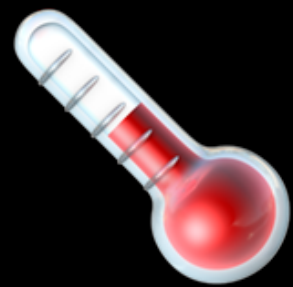
The Importance of Transpiration (T)

The Importance of Transpiration (T)



**LEAF WATER
BALANCE:**

$$\frac{d\theta}{dt} = F_{in} - \textcircled{T} - \text{X} - \text{X} - \text{X}$$



**LEAF ENERGY
BALANCE:**

$$\rho C_p \frac{dT}{dt} = R_n - H - \textcircled{\lambda T} - \text{X} - \text{X}$$



**LEAF CARBON
BALANCE**

$$\frac{dB}{dt} = \textcircled{\epsilon T} - R_A - F_C$$

The Ecohydrological Importance of Transpiration (T)

