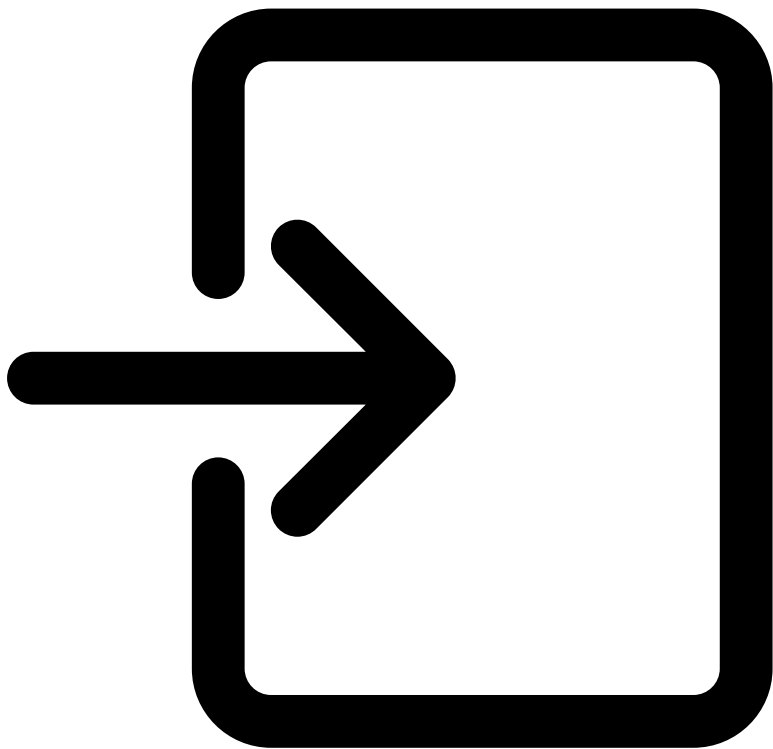




INPUT







maximize carbon
assimilation

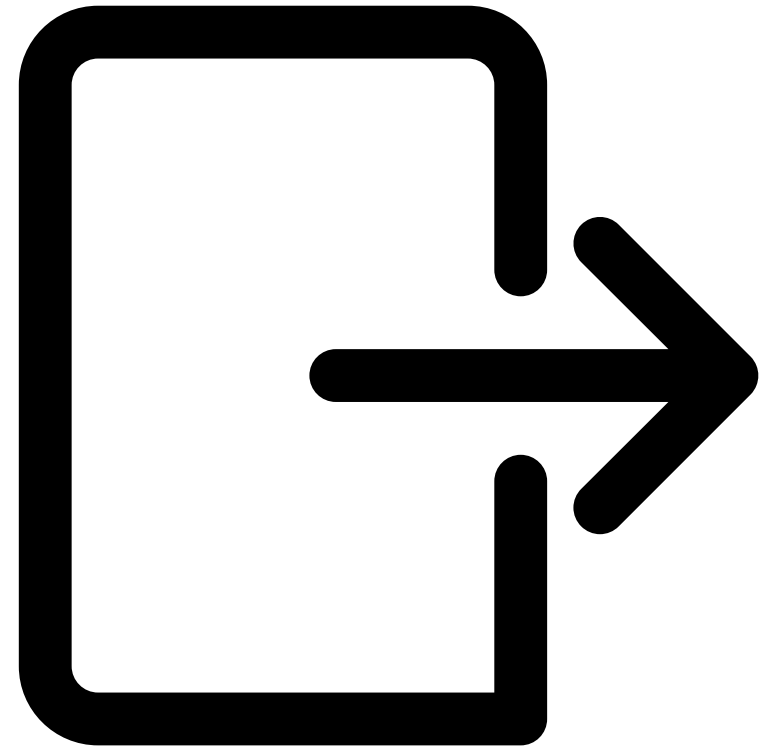
conservation of water

soil water → transpiration

$$0 < g_s < g_s^{\max}$$

g_s^{\max} is $f(\text{soil water})$

OUTPUT



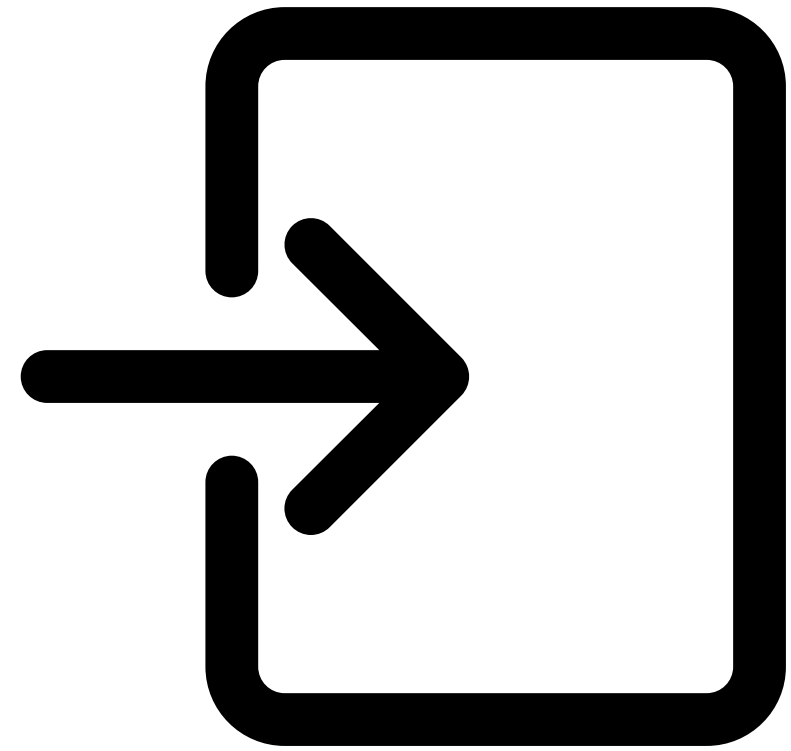
$g_s(\text{VPD, light, T, CO}_2)$



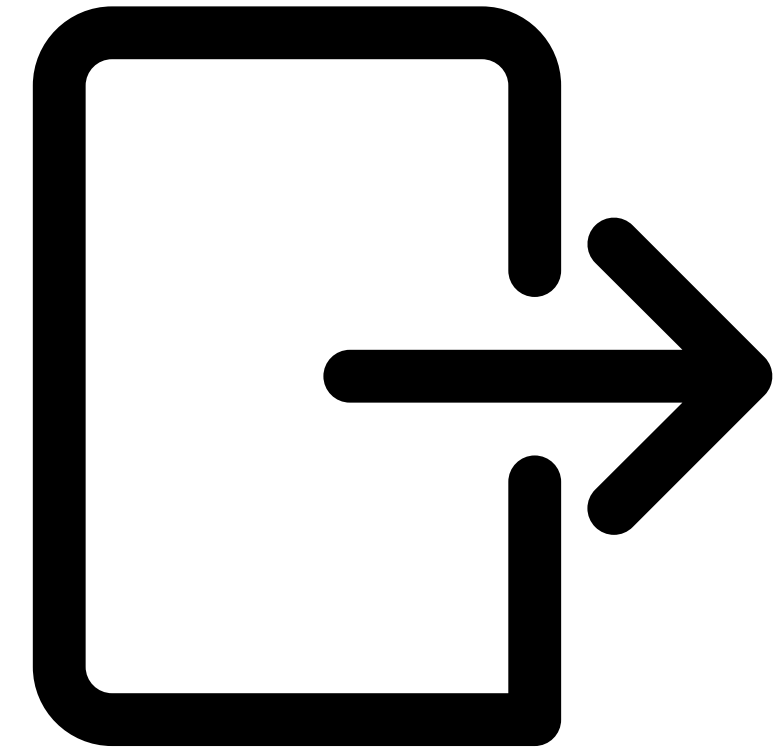
water use efficiency
vulnerability to drought



INPUT



OUTPUT



maximize carbon
assimilation

$g_s(\text{VPD, light, T, CO}_2)$



conservation of water
soil water \rightarrow transpiration

water use efficiency
vulnerability to drought



$0 < g_s < g_s^{\text{max}}$
 g_s^{max} is f(soil water)

