

Variable	Lapse rates γ and desertification relationship	Reference
T_a	0.74 K/100 m	Erokhina et al. (2017)
LW^\downarrow	2.9 W m ⁻²	Vizcaíno et al. (2010)
P_s, P_r	$\exp\left(\gamma_p \left[\max\left(h_s^{\text{SEMIC}}, h^{\text{ref}}\right) - h^{\text{ref}} \right]\right) \forall h_s^{\text{GCM}} \leq h^{\text{ref}}$	Vizcaíno et al. (2010)
P_s, P_r	$\exp\left(\gamma_p \left[\max\left(h_s^{\text{SEMIC}}, h^{\text{ref}}\right) - h_s^{\text{GCM}} \right]\right) \forall h_s^{\text{GCM}} > h^{\text{ref}}$	Vizcaíno et al. (2010)