

Abbreviation	Short explanation of parameter perturbation
Kv low	lower bound of vertical ocean diffusivity
Kv high	higher bound of vertical ocean diffusivity
No marine T sens.	no marine biological sensitivity to temperature
No terr. T sens.	no terrestrial vegetation sensitivity to temperature
Veg. q_{10} low	lower bound of the vegetation Q_{10} sensitivity
Veg. q_{10} high	higher bound of the vegetation Q_{10} sensitivity
Soil q_{10} low	lower bound of the soil Q_{10} sensitivity
Soil q_{10} high	higher bound of the soil Q_{10} sensitivity
CO ₂ fert. zero	no CO ₂ fertilization effect
CO ₂ fert. low	lower bound of CO ₂ fertilization effect
CO ₂ fert. high	higher bound of CO ₂ fertilization effect
Transp. CO ₂ sens. zero	no CO ₂ sensitivity of transpiration
Transp. CO ₂ sens. low	lower bound of CO ₂ sensitivity of transpiration
Transp. CO ₂ sens. high	higher bound of CO ₂ sensitivity of transpiration
CN CO ₂ sens.	stoichiometric changes in response to changing ocean carbonate chemistry