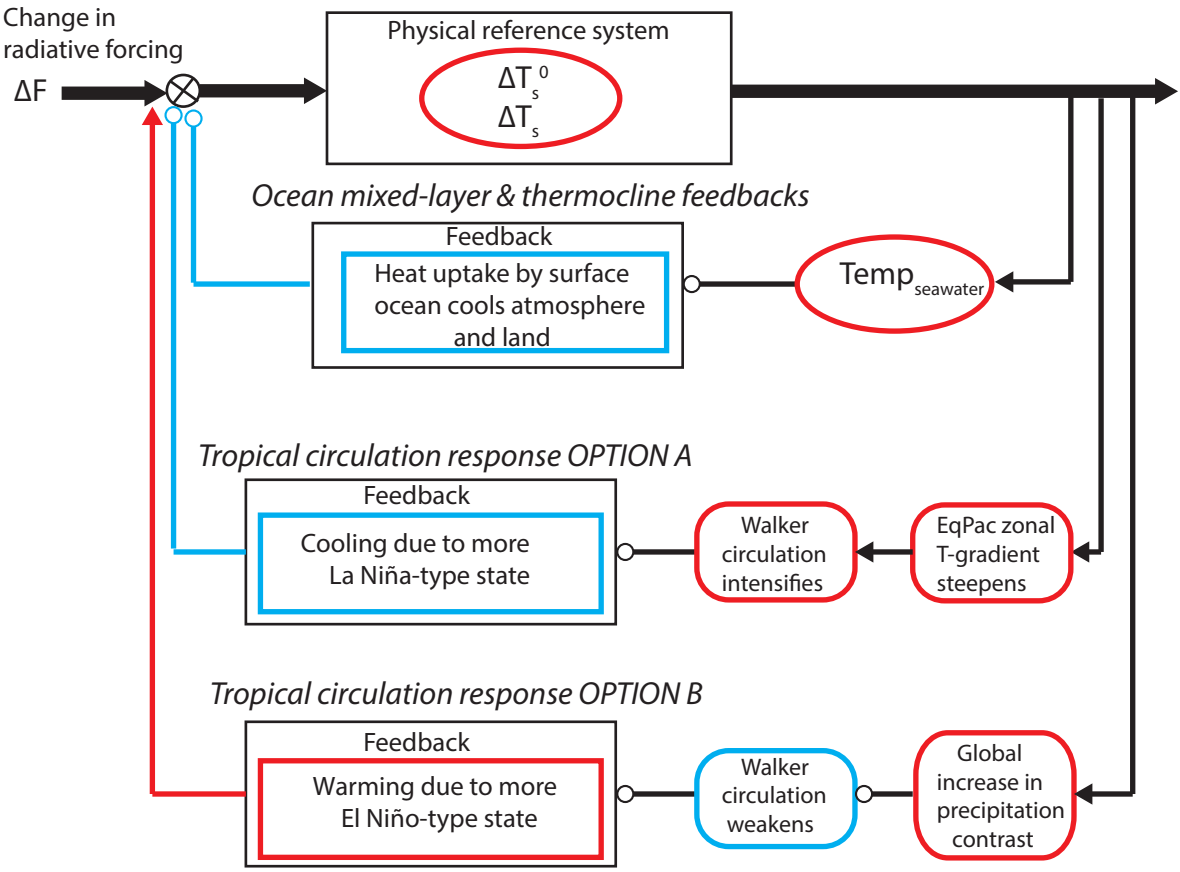
Change in radiative forcing
ΔF
Physical reference system
ΔT_s^0
ΔT_s
Ocean mixed-layer & thermocline feedbacks
Feedback
Heat uptake by surface ocean cools atmosphere and land
Temp_seawater
Tropical circulation response OPTION A
Feedback
Cooling due to more La Niña-type state
Walker circulation intensifies
EqPac zonal T-gradient steepens
Tropical circulation response OPTION B
Feedback
Warming due to more El Niño-type state
Walker circulation weakens
Global increase in precipitation contrast