





and Q<sub>ek</sub> from the ERA5 dataset. Arrows represent the climatological surface wind-stress

Subtropics: Easterly prevailing wind, Q<sub>ek</sub> anomaly opposes Q<sub>th</sub> anomaly Midlatitudes: Westerly prevailing wind, Q<sub>ek</sub> anomaly reinforces Q<sub>th</sub> anomaly

# Hadley Cell Edge Modulates the Role of Ekman Heat Flux in a Future Climate

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