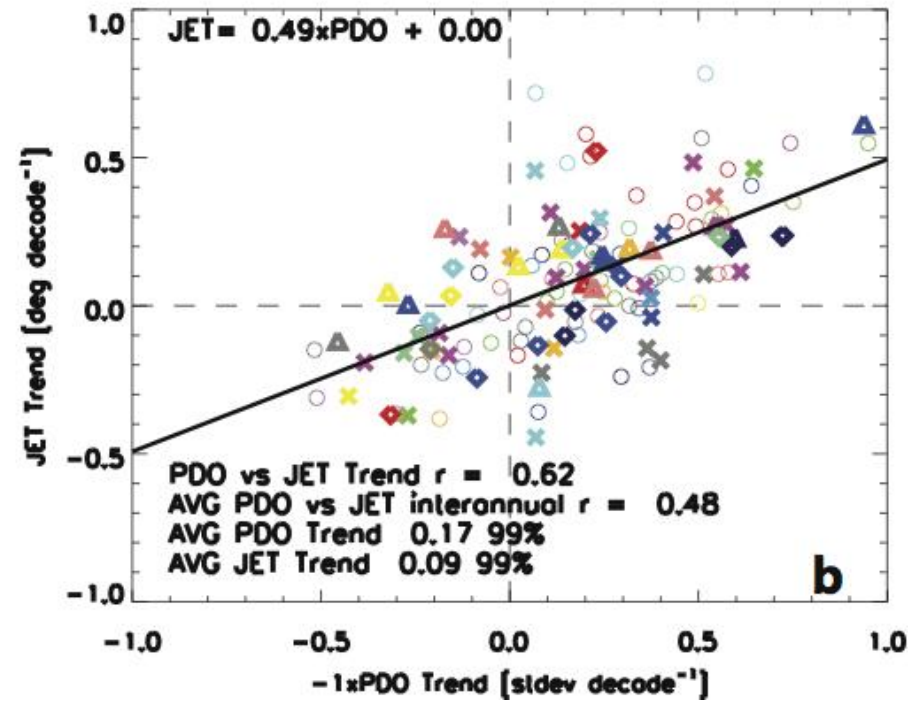
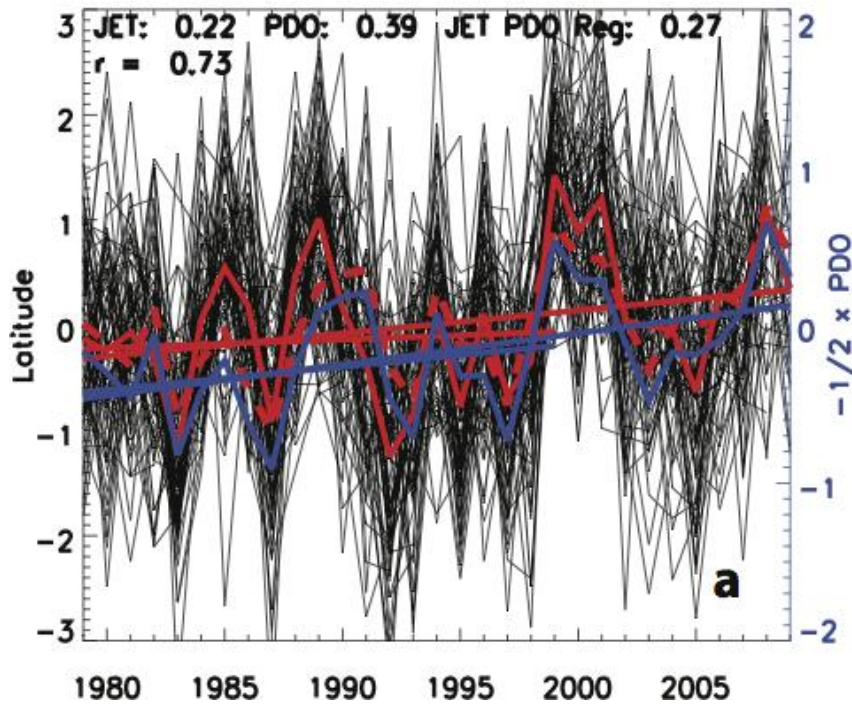




# 1979-2009



**1979-2009 NH tropical expansion and the Pacific Decadal Oscillation.** (A) Annual mean latitude anomaly of the NH tropical boundary based on the JET metric for the AMIP simulations (black) versus the time series of  $-1/2 \times \text{PDO}$  (purple). The AMIP ensemble mean is in red, with the red dashed line showing the JET estimated from the PDO regression coefficient. (B) Scatterplot of the 1979-2009 JET trend versus  $-1 \times \text{PDO}$  trend for 20th century all forcing experiments. Positive  $-1 \times \text{PDO}$  trends correspond to widening of the tropical belt.