


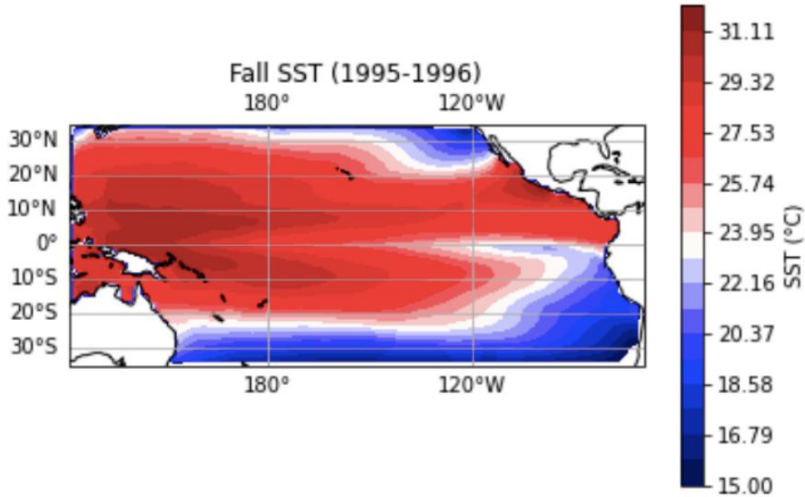
El-Niño Southern Oscillation

Focus on the Bjerknes
Retroaction



Ali TELHINE

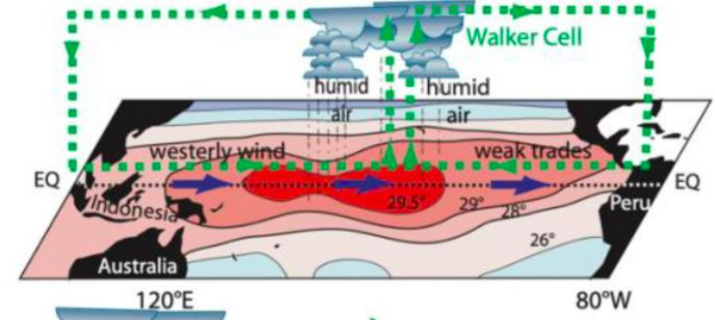
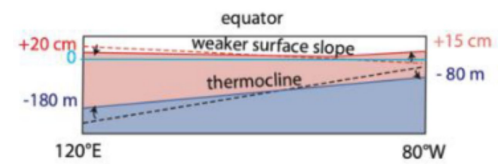
Normal conditions



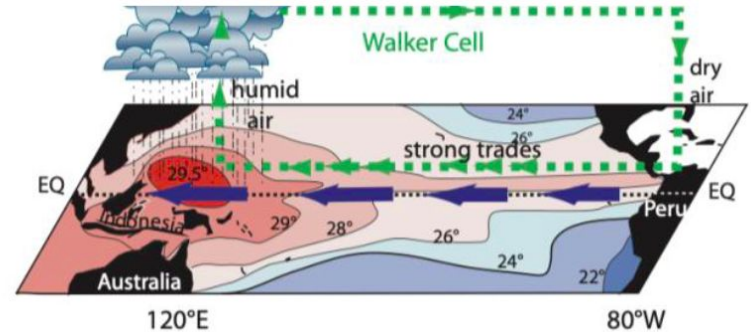
Climatologies de la SST

en automne sur la période 1995-1996

El Niño

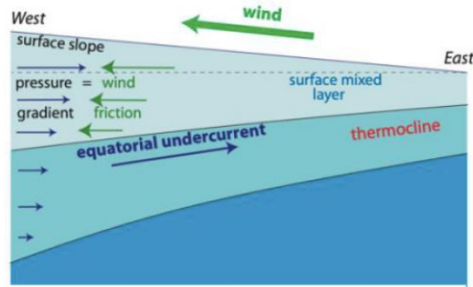
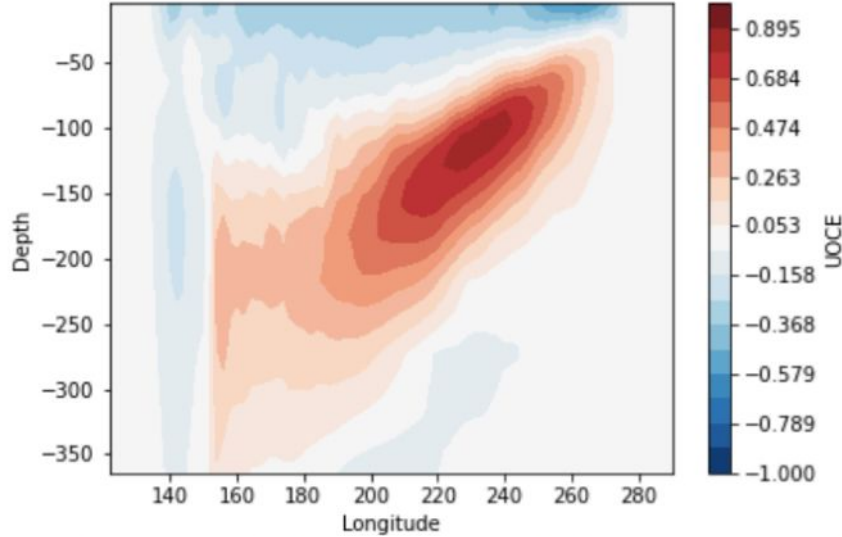


La Niña



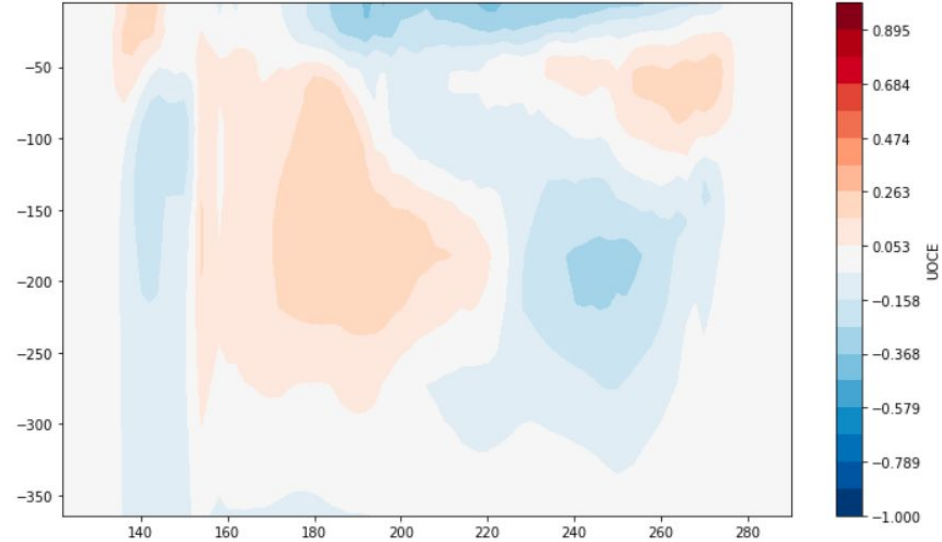
Normal conditions

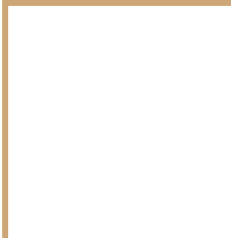
Summer UOCE Profiles at the equator



El Niño conditions

Meridional Velocity (UOCE) (DJF 1997-1998)



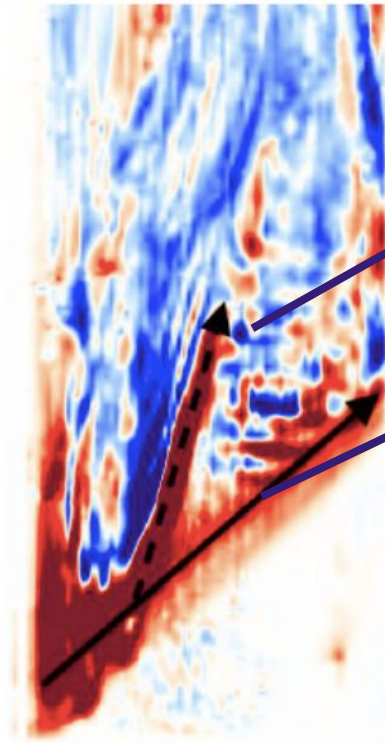


El-Niño Southern Oscillation

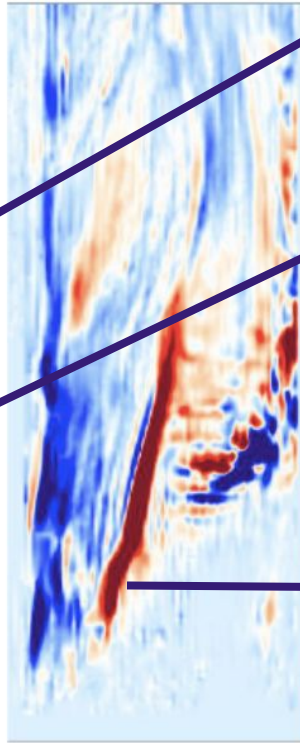
Focus on the Impact of
March 1997 Wind Gust



Noé Brisse



SSU

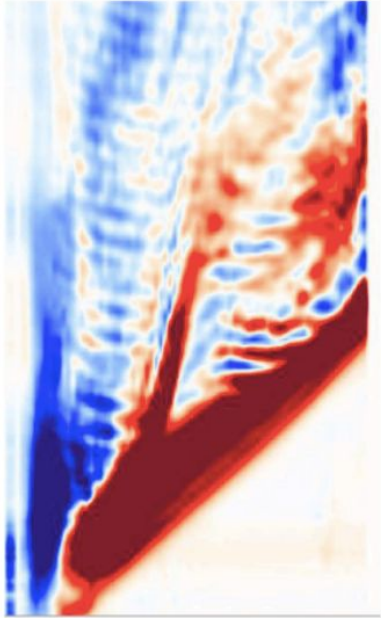


SST

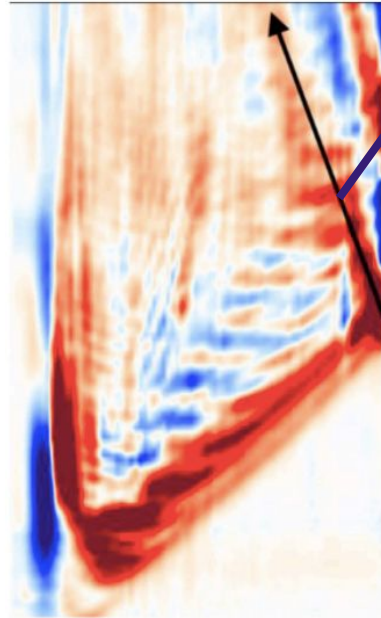
Advection of the "warm pool"

Kelvin wave induced by the wind gust

Temperature anomaly that propagates as the advected water mass



SSH at the equator



Rossby wave induced by the Kelvin wave

SSH at 4°N