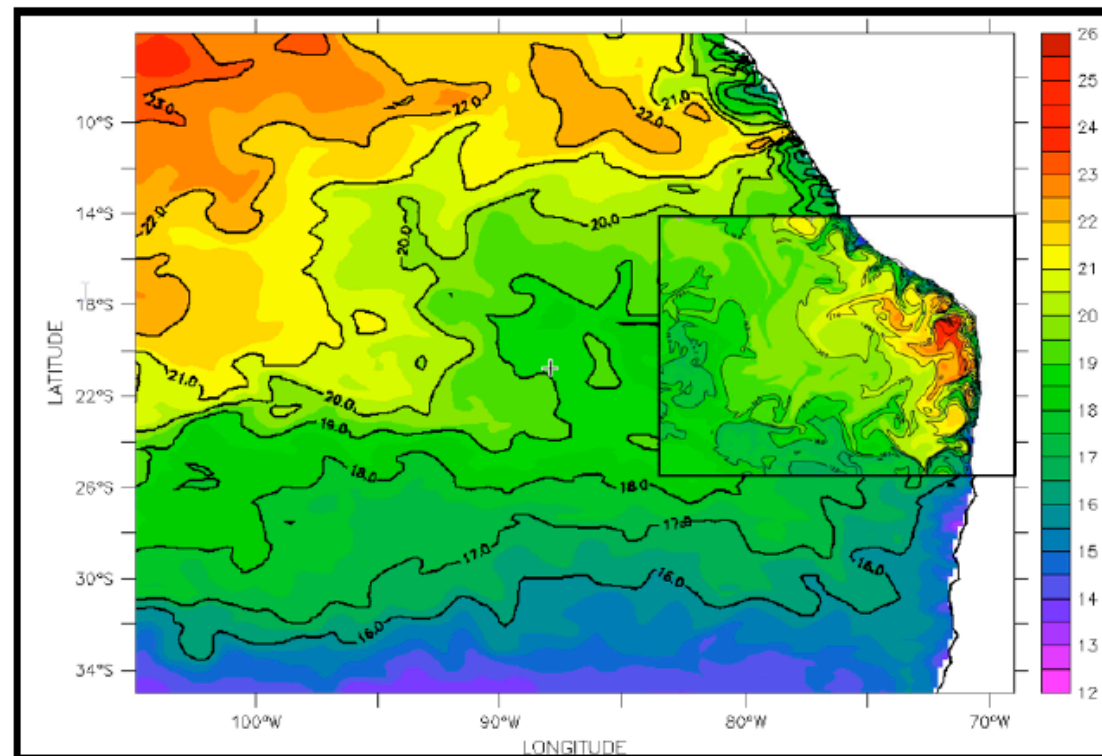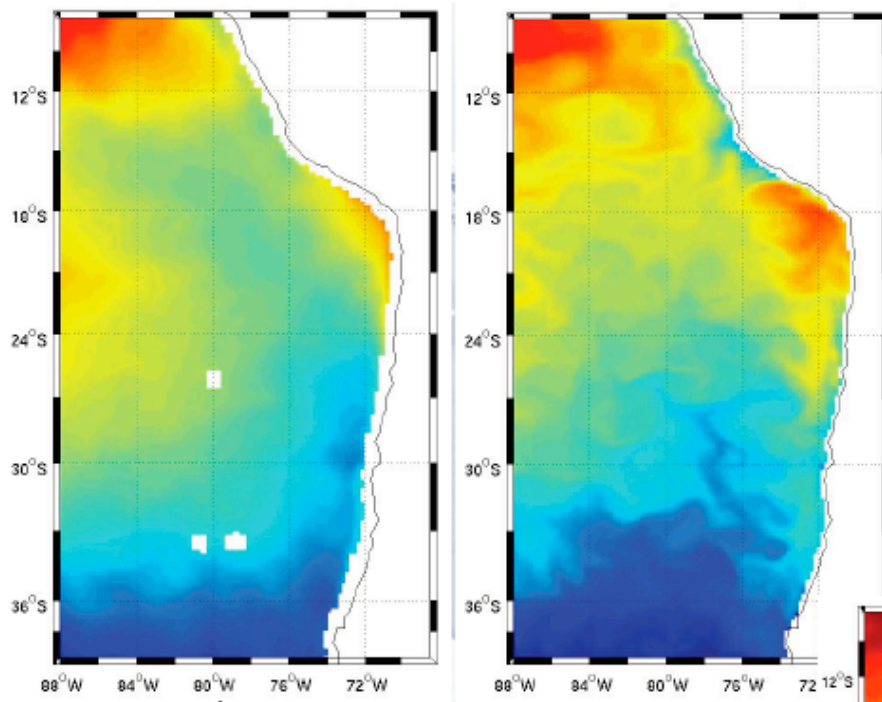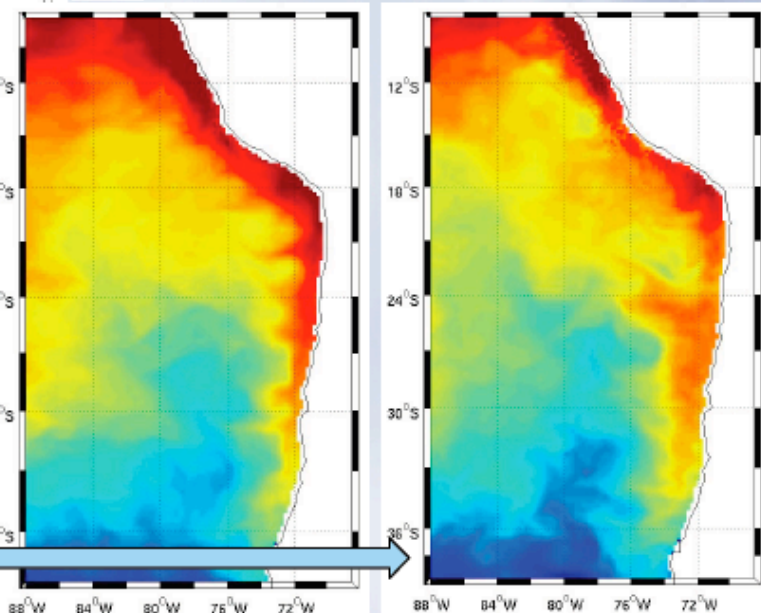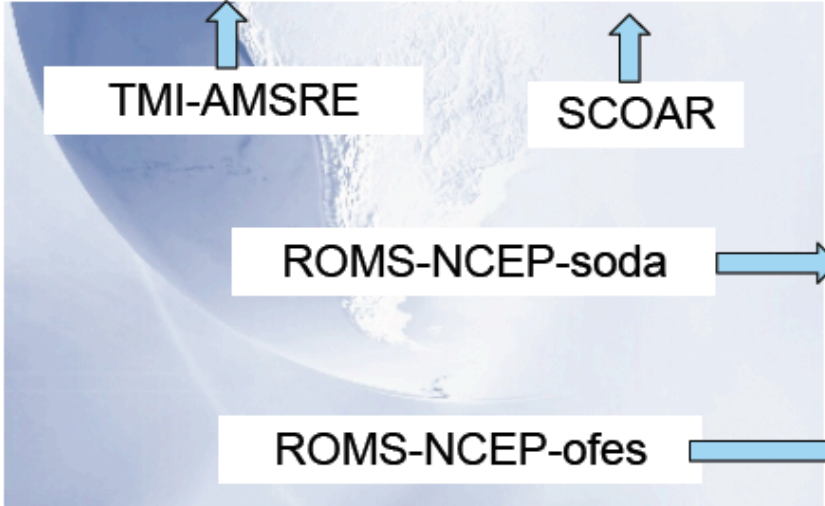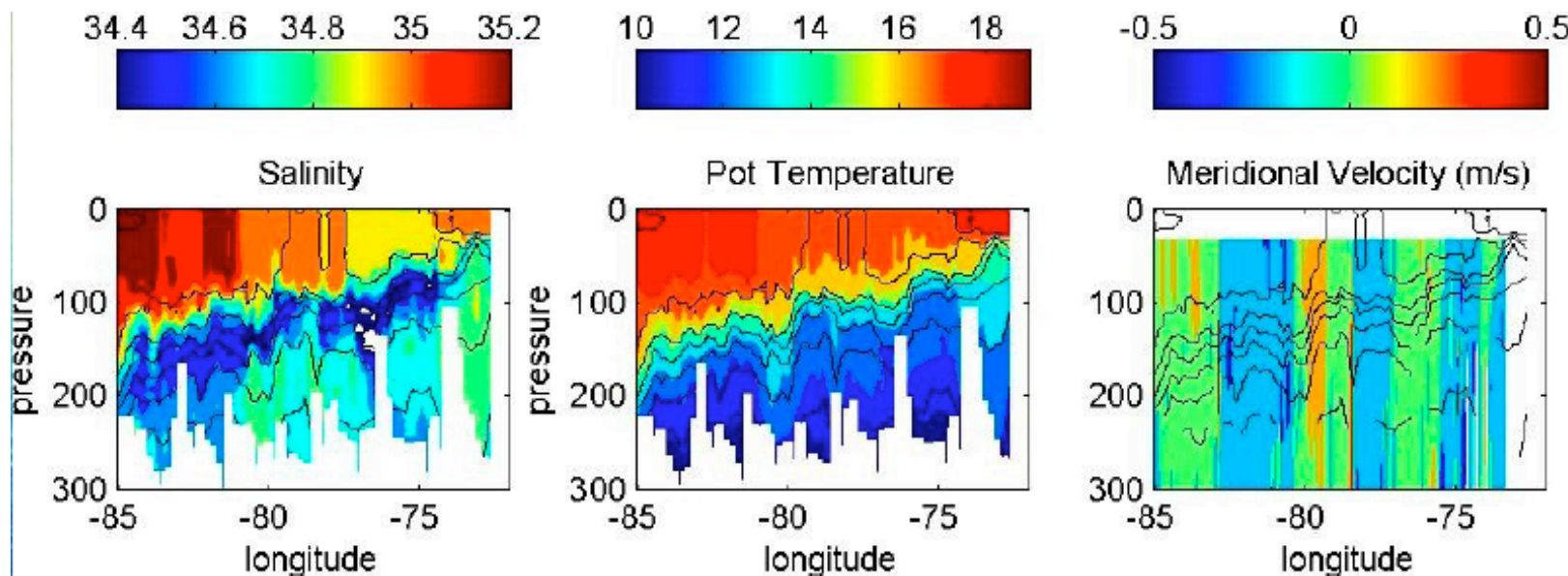# Model SST field -
Inner and Outer Domain

Inner Domain SST is inside the box superimposed on the Outer Domain SST at the same time for a model time of 10 Oct 2008
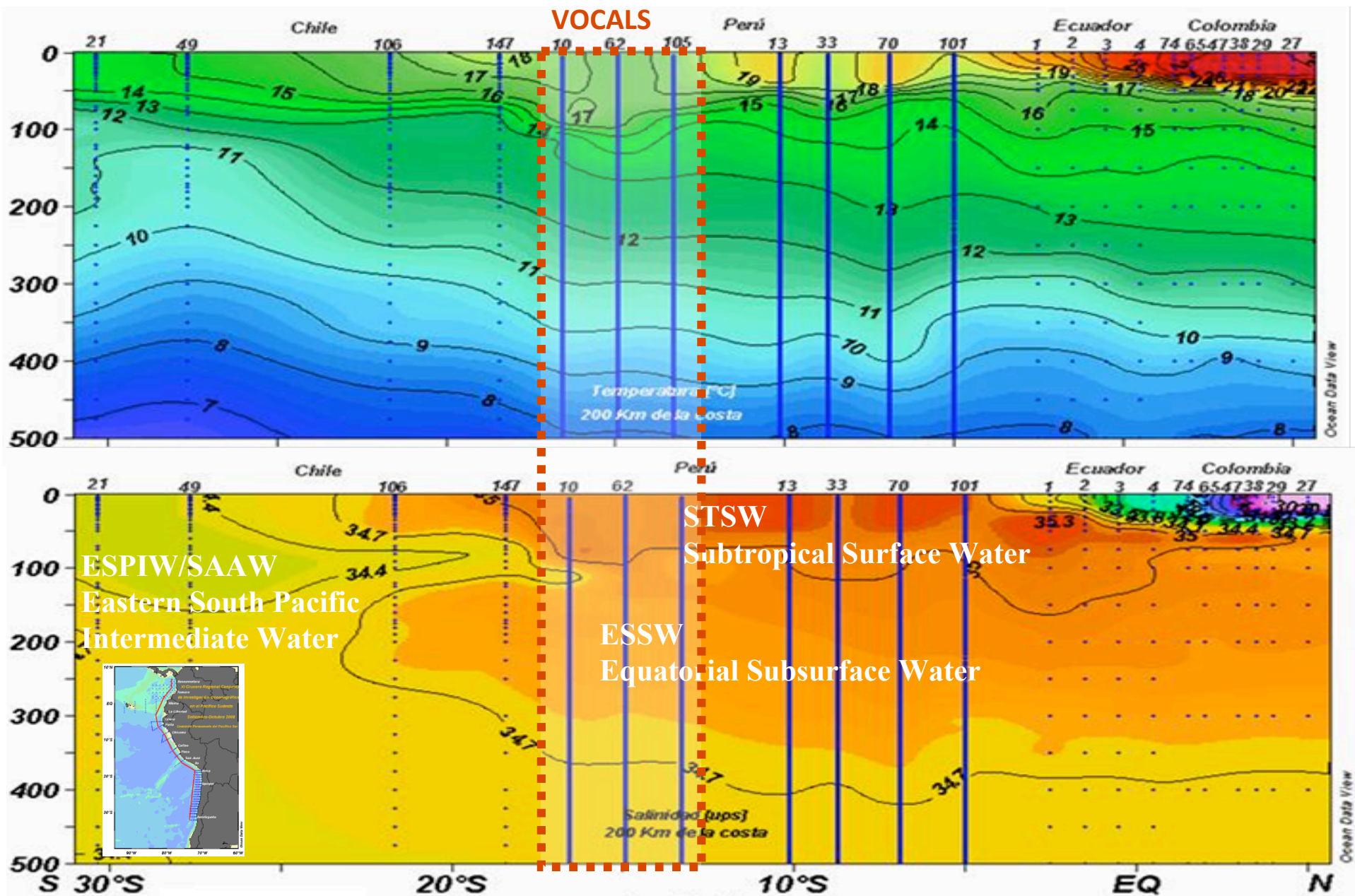
Sea Surface Temperature (VOCALS-Rex Campaign)
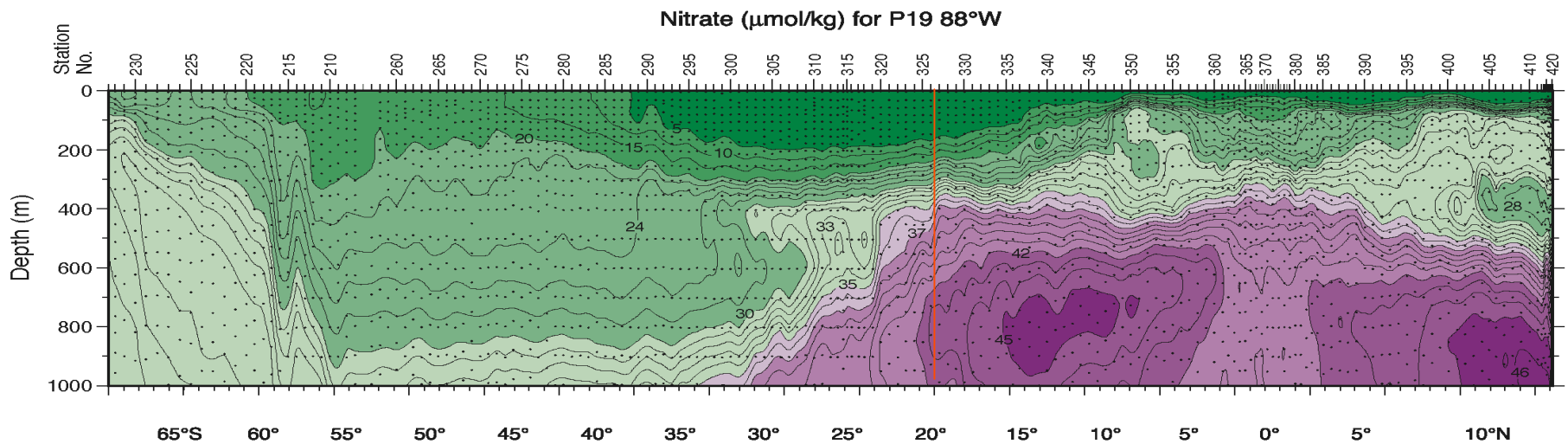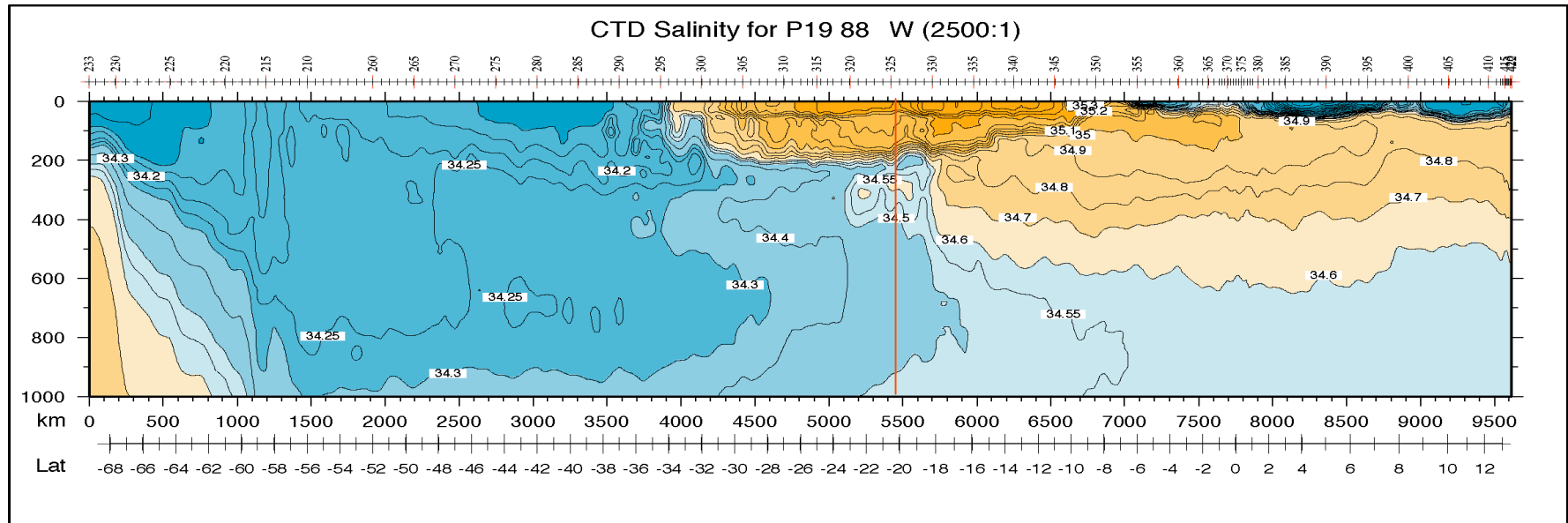
TMI-AMSRE

SCOAR

ROMS-NCEP-soda

ROMS-NCEP-ofes

1. Shoaling of the thermocline (W to E)
2. Salinity Decrease (W to E)
3. Shallower Mixed Layer (W to E)
4. Large flow variability

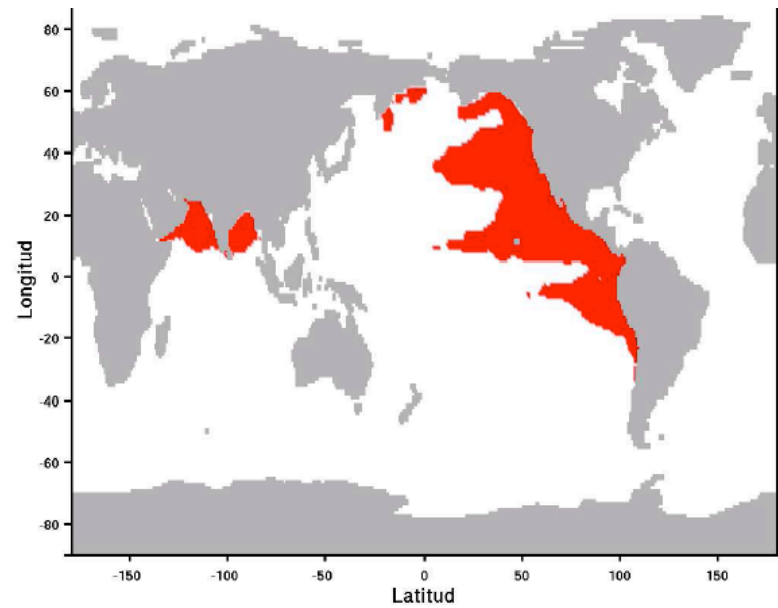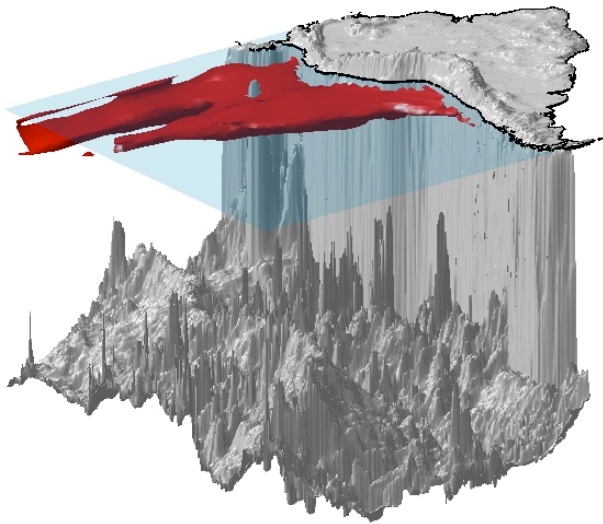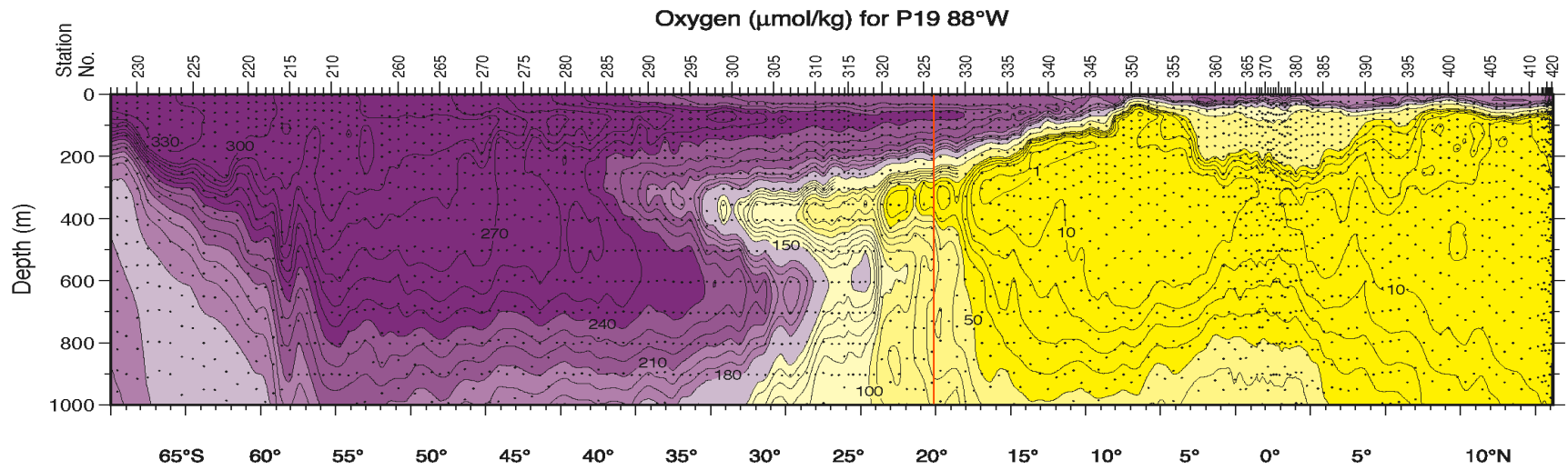# Temperature [ºC] and salinity distributions for a meridional section 100 nm off the Southamerican coast during September-October 2008 [CPPS, 2009]

The ocean setting
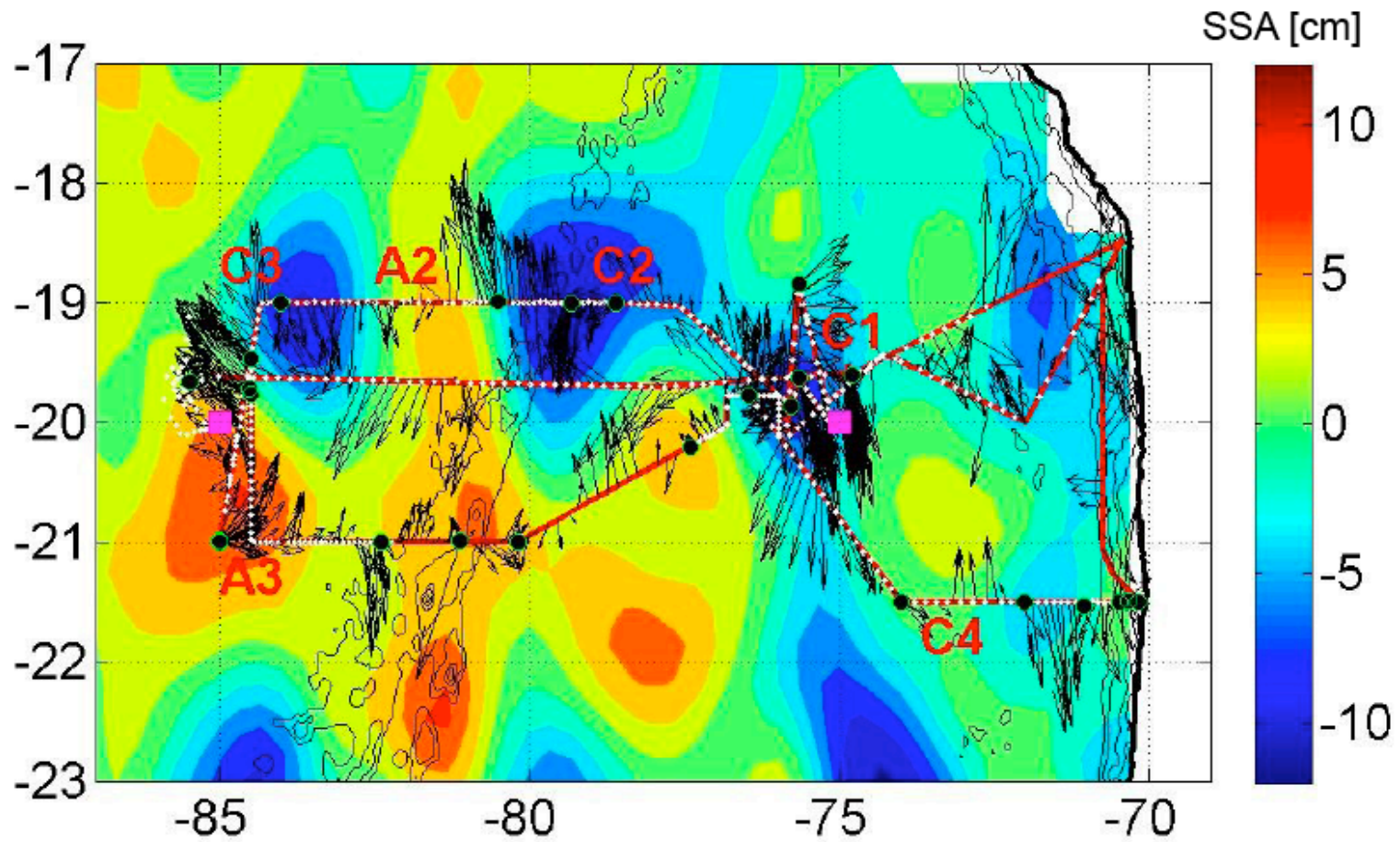

CTD Salinity for P19 88 W (2500:1)

Nitrate (µmol/kg) for P19 88°W

The ocean setting

Oxygen (µmol/kg) for P19 88°W

Hydrographic and Velocity Observations during VOCALS-Rex

Upper Ocean Structure Modulation by Eddies