

In this round, I do see great improvements in the manuscript. Still, much patience should be paid in the text-editing and discussion. The followings are some comments.

- (1) Line45, 'Comparedto' --> 'Compared to'
- (2) Line65, delete 'and SST variation'
- (3) Line81, 'ta' --> 'the'; delete 'as the depth'
- (4) Line130-133, the time span '2005-2010' is mentioned in the text, but it is different with that shown in Figure3. Which time series is used to calculate the correlation coefficients (0.75 and 0.9) in the text?
- (5) Line184-186 and Figure8, Ekman pumping is propotional to the Curl of wind stress (not the zonal wind stress), and pumping would result in a shallow thermocline depth.
- (6) Line187, 'THE' --> 'the'
- (7) Line216-217, In positive IOD events, more precipitation occurred in the WIO should also contribute to the surface freshwater.
- (8) Line407, 'Argo (a) and SODA(b)' --> 'Argo (a-d) and SODA(e-h)'