

Topic Editor Decision: Publish subject to technical corrections (05 Jun 2019) by John M. Huthnance

Comments to the Author:

Dear Authors

Thank-you very much for your re-revised manuscript and all the attention to the reviewers' comments.

Inevitably on reading it through again I have a few more comments. Please see "Detailed comments" below. These are "Technical corrections" meaning that you should deal with these and then enter the manuscript in the Copernicus/OS publication system directly with no more intervention by myself. There will be copy editing and you should check that the final version keeps you intended meaning.

Thank-you for submitting to Ocean Science.

Yours sincerely

John Huthnance

Thank you for your help and guidance on this manuscript, Dr. Huthnance! I appreciate everything that you have done for me along the way! I am very glad to make these final changes and finalize this paper!

Detailed comments.

Lines 28-29. You won't need these!

-OK, removed

Line 49. ". . under MSL rise. Overall . ." ?

-Fixed

Line 92. Better "Pacific; TAC quantifies . ." ?

-OK, fixed

Line 93. Better "Devlin et al., 2017a); they found that . ."?

-OK, fixed

Line 100. Better with "," after "statistics"

-OK, fixed

Line 103. Better "A recent paper performed a similar analysis in the Atlantic . ." or "A recent paper took a similar analysis approach in the Atlantic . ."

-OK, fixed

Lines 143-144. Delete one of the two "all"

-OK, fixed

Line 171. “. . seem valid . .” or “. . seem to be valid . .”

-Oops, thanks for catching that! Fixed now.

Line 176. “. . which is more apparent . .”

-Sorry for the careless mistakes! Fixed now.

Line 182. “. . The approximation δ -HAT . .”??

-OK, fixed

Line 184. “. . largest tidal constituents (M2, S2, K1, and O1) . .”

-OK, fixed

Line 269. “. . The overtimes (OT) band . .” (unless you meant to delete this sentence).

-I did mean to omit this, thanks for catching it!

Lines 328-329. “. . may lead to larger tides . .” ? [Not clear that the forcing changes].

-OK, fixed!

Line 333. “constituents . .”

-OK, fixed

Line 355. “quickly” -> “briefly”

-OK, fixed

Line 368. “but not as much for the δ -HATs.” If you mean that TAC was more significant than δ -HAT change, then better “but δ -HAT changes were less significant”. If you mean that δ -HAT change was more significant than TAC, then “but not as significant as the δ -HAT changes.”

-I meant the first one; fixed now!

Line 373. Omit “may also be a factor”

-Omitted

Line 756. Add “,” after “codes”

-OK, fixed!