I appreciate the efforts the authors have made to reply to my comments. I have several suggestions for the clear version of the manuscript.

(1) the correct format of the horizontal velocity divergence should be $\nabla_h \cdot \vec{V}_h$ (?)

(2) Section 2.1 can be reorganized to describe model (and its validation) first and then the details of particle tracking.

(3) Line 204, is it ‘after 30 d’ rather than ‘after 20 d’?

(4) correct the label in panel (d) of Figure 5 and the labels in the lower panels of Figure 7.

(5) Line 250: PRE was introduced as a partially mixed estuary in Line 35 but here it states “as a salt-wedge estuary”.

(6) correct ‘river discharges’ in the caption of Figure 10 to be ‘tide’.

(7) Figure 15: what are these dashed arrows?

(8) In the supplementary, please add the full name of ‘MUR’. Figure S3 is not mentioned in the main text.

(9) The authors may consider put some figures into the supplementary, such as those velocity field.

(10) More efforts could be made to improve the languages.