1. Line 16. Substitute “twenty-four” with “24”.
2. Line 37. “The” with lower case after “:”-
3. Line 45. Substitute “small” with “fine”. I know that “small/big scale” is often used in the scientific literature to denote small or big scale-lengths, but this is wrong, in my opinion. Think to geographical maps. A map at scale 1:1,000,000=10^{-6} does not show many details: topographic maps at scale 1:10,000=10^{-4} (i.e., 100 times greater!) provides many more details. Therefore, I prefer to use “fine/large scale”.
4. Line 58. Substitute “effect” with “affect”. “in the field of STE research” could be erased.
5. Line 70. Substitute “and analysed the development of redox zones. Greskowiak et al. (2023)” with “, analysed the development of redox zones, and”.
6. Line 89. Correct “boundary conditions and parameters a varied”.
7. Line 90. Rephrase “a specific location. Specifically”.
8. Line 93ff. Substitute “spec. stor.” with a symbol, e.g., “S_s”.
9. Line 105. Substitute “of 350-400 mm/a” either with “of about 350 mm” or with “varying between 350 mm/a and 400 mm/a”. Similar modifications should be introduced in the rest of the paper, where ranges of values are mentioned. Please, follow the recommendation by NIST (https://www.nist.gov/pml/special-publication-811/nist-guide-si-check-list-reviewing-manuscripts), in particular those at point #7.
10. Lines 105 & 108. Substitute “approx..” with “approximately”.
11. Line 125. Substitute “700 m long” with “700-meters-long”. Substitute “of 2 m each” with “with a uniform horizontal length of 2 m” or something similar.
12. Lines 130 to 132. Such a flux corresponds to the Qf value defined at line 174, doesn’t it? But Qf is not kept constant, it varies for some test cases, as shown in Table 1.
13. Lines 131 & 132. Substitute "specified flux of 0.5 m3/day per meter coastline” with “prescribed flux per unit coastline length of 0.5 m^3/(d m)”. Correct the measurement units also in Table 1.
14. Line 139. Substitute “Feb-Jul” with “February to July XXXX”, where XXXX should be replaced with the year in which the survey has been conducted.
15. Lines 139 & 140. Unify the format for “1m resolution”, “six-month period”, “20a simulation”, and similar expression throughout the whole paper. I would prefer “one-meter resolution”, “six-month-long period” or “ a period of six months”, “simulation for a period of 20 years”.
16. Line 161. What is “PHT3D Eq. 1”? Probably, it is sufficient to erase “Eq. 1”.
17. Line 163. Substitute “;” with “,”.
18. Line 164. Add “,” before “and”. Word “formation” could be substituted with “production” or a synonymous.
19. Line 167. I would prefer “10^{-7}” instead of “1e-7”. Analogous corrections could be done at line 170.
20. Lines 167 to 169. Rephrase the sentence “As Rf and Rs… from the value of k”.
21. Line 171. Parentheses are needless.

22. Table 1. I do not understand the 9th column. If there are 3 storm floods per year, with 30 days between storm floods, does this mean that the storm flood has an average duration of about 92 days? In fact, (92 d + 30 d) x 3 = 366 d. Moreover, the description of storm flood modeling is missing, isn't it?
23. Lines 186 to 189. Expression "(RPc = model cases (Fig. 5)" is quite confusing, it should be rephrased.
24. Line 192. Erase "Eq. 2".
25. Line 194. Erase "Eq. 3".
26. Line 198. Erase "Eq. 4".
27. Figure 2, second line of the figure caption. Add "s" to "month". Substitute "3" with "three".
28. Line 223. Substitute "finer", possibly with "more finely".
29. Line 224. Is "but results otherwise" correct?
30. Line 244. Check "focused to".
31. Section 3. I am afraid that comparative adjective (e.g., higher, lower) are often used instead of superlative adjectives (e.g., highest, lowest). Please, check!
32. Lines 322 & 323. Rephrase sentence "Cluster A (red circles) had a γ (+/- 20%) and RPM (+/-20%) similar to the base case (located at the coordinates 1,1 in the plot in Fig. 6)", possibly as "Cluster A (red circles) is characterized by relatively small variations of γ and RPM with respect to the base case, namely variations in the range from -20 % to +20 %. In Figure 6, the base case corresponds to the point with coordinates (1,1)".
33. Line 324. Substitute "40-95 %" with "by more than 40 %". Substitute "30-70 %" with "by more than "30 %". See comment # 9.
34. Lines 327 & 328. Expression "was characterized by a lower γ, reduced by 40-80%, while keeping a RPM (+/-20%) similar to the base case" should be rephrased, possibly as "was characterized by values of γ reduced by more than 40 %, while RPM remains close to the base case (variations in the range from -20 % to +20 %)".