Dear Mario Hoppema (editor),

We appreciate and are grateful for the time dedicated to review our manuscript.

The final technical issues that are listed below were solved in the lastest version of the manuscript.

- Other than figure captions, table titles must be placed above the table Please do not use abbreviations in (sub-)section headers, like in 2.3.2 and 2.5 and 3.2.2
- L79 delete sufficient
- L85 (Figs. 1 and 2) add -s
- L198 delete the second comma
- L200-201 delete "The correlation test ranged between 2 days after the initial day of calima and 5 days after the final day." As this is clear from the previous and following texts
- L392-393 This is not clear; I suggest to rephrase as following: Sample loss could have occurred during the collection of BT12, RT12 and BT18. Here we estimate, based on BT7 values, the amount of biomass and the associated OC that would have been produced during the entire period of the study
- L394 Change to: Based on the results on biomass coverage presented …
- L397 evidence, not evidente
- L396-400 this sentence is quite long and not easy to understand. Please split into two sentences.
- L400 produced, not developed
- L403 I suggest: In the same way, the full amount of OC, that would have been produced, was estimated …
- L403 The estimations of OC produced per 20x20 cm square …
- L412 apply, not carry
- L413 bewteen, not among
- L416 … produced Spearman's rank correlation coefficient ρ (rho) of -0.014 …
- L424-425 … very strong in April 2024 and … (delete: in the cases of)
- L525 delete: and (between intensity and generates)
- L537 I suggest: Satellite imagery was used to identify …
- L610 produced, not developed
- L611 delete process
- L621 On the study site (not In) ; delete second comma
- L622 represents

Best regards,

Juan Usó-Canós (corresponding author)