

Review of manuscript ***Sargassum* accumulation and transport by mesoscale eddies** by Rosemary Sosa-Gutierrez et al. (egusphere-2025-514-manuscript-version2.pdf)

Review by Clément Vic (LOPS, Plouzané, France) on 22nd April 2025.

This is my second review of the manuscript. The authors replied favourably to my comments and I recommend the manuscript for publication in Ocean Science. I just spotted a few very minor points; they are listed below. Line numbers are relative to the “track changes” document. I do not need to see a revised manuscript.

- L. 32: remove “the” before “ecosystems” (it should be plural)
- L. 53: can be transporters of *Sargassum* → can transport *Sargassum*
- L. 55: can carry out *Sargassum* transport → can transport *Sargassum*
- Section 1 ends with a list of eddy detection methods. I think it would be good to (1) close this paragraph in mentioning what method you opted for and why, and (2) have a short paragraph afterward to announce the plan of the article.
- L. 68: remove “chain”
- L. 137: no dot after Figure.
- L. 143: low → small
- L. 169: correspond → corresponds
- L. 181: it is worth noting that (no comma)
- L. 192: remove “the” before “AEs”
- L. 206 (and at other locations): move references to the end of the sentence (if possible, preserving their meaning)
- L. 232: “this sample size is probably too small for the average to converge.” Could you back up this statement? maybe in subsampling other regions?
- L. 241: I find “overall growth” unclear. Are you referring to the total biomass ?