Revision Note on the revised manuscript, dynamic upper-ocean processes enhance mesopelagic carbon export of zooplankton fecal pellets in the southern South China Sea, manuscript no. egusphere-2025-2864, submitted for publication in Biogeosciences.

We sincerely thank the associate editor for the valuable comments and suggestions in improving our manuscript. This correction note is written based on the annotated (using track changes) version of the manuscript (uploaded in the system), which is a point-to-point correction note of the manuscript. In this case, we have thoroughly checked the main text, figures, and formulas to make the manuscript more proficient. The notes (in blue) explain how and where each point of comment has been addressed. The line numbers mentioned are new numbers in the annotated version of the manuscript.

Public justification
#1: It seems the legend color for summer monsoon is different from that in Figs. 3a&c.

Reply: Thank you for pointing this out. We have now revised the legend color for the summer and winter monsoon in Figure 3 to ensure consistency across all panels. (Line 203)

#2: Fig. 3: To be consistent with other figures, re-order the legends so that they start with "Summer monsoon" followed by "Winter monsoon",....

Reply: Thank you for this suggestion. We have now reordered the legends in Figure 3 so that "Summer monsoon" precedes "Winter monsoon", consistent with other figures. (Line 203)

#3: The text in Fig. 3, Fig. 7, and Fig. 8 is not sufficiently clear, particularly for that of the legends and sometime the horizontal axes as well.

Reply: Thank you for this comment. We have removed the text at the top of the figures and increased the font size of the legends and the x-axis labels in Figures 3, 7, and 8 to improve readability. (Lines 203, 326, 369)

In addition, we thoroughly checked the main text, figures, and formulas, and corrected a few errors to make the manuscript more proficient. (Lines 6, 11, 15, 17, 61, 157-165, 169, 235, 255, 259, 282, 304-305, 314, 331, 380, 402)