

**Response to Editor** (Manuscript ID: EGUSPHERE-2025-5203)

Manuscript Title: **Coastal Circulation and Dispersion of Passive Tracers in the Red River Plume Region: Unveiling Seasonal- and Intra-seasonal Variability**

Authors: **Thanh Huyen Tran, Alexei Sentchev, Dylan Dumas, Charles-Antoine Guerin, and Kim Cuong Nguyen**

Dear Prof. Katsuro Katsumata - the handling editor.

Thank you very much for your decision and comments.

I would like to respond to your comments as follows:

(1) The figures and tables need to be self-contained (as some readers only skim these without reading the main text). For Table 1, please define all columns in the caption (not in the main text, i.e., L.285, see comment RC2#9). Also in Figs. 10, 11, 13, and 15, please define the circles and colored lines (other than black) in the caption.

⇒ Response:

We agree and have revised the titles and text in line with your suggestions.

(2) We think the availability of data is getting more and more important these days and ask the authors to follow [https://www.ocean-science.net/policies/data\\_policy.html](https://www.ocean-science.net/policies/data_policy.html)

⇒ Response:

In our study, the dataset was provided by an ongoing project led by the corresponding author, funded by an innovation foundation. Therefore, we cannot publicly deposit the data at this time. However, as we stated in the Availability section, the dataset can be shared by contacting the corresponding author directly. Thank you for your understanding.

Thank you very much, and please let me know if you have any further comments or requirements.

Best regards,

Kim Cuong Nguyen (corresponding author).