

8-10-2023

Supporting Data for Figures in "Wind-enhanced separation of large-scale river plumes from coastal corners"

Michael M. Whitney

University of Connecticut - Avery Point, Michael.Whitney@uconn.edu

Follow this and additional works at: https://opencommons.uconn.edu/marine_sci



Part of the [Oceanography Commons](#)

Recommended Citation

Whitney, Michael M., "Supporting Data for Figures in "Wind-enhanced separation of large-scale river plumes from coastal corners"" (2023). *Department of Marine Sciences*. 17.
https://opencommons.uconn.edu/marine_sci/17

Supporting Data for Figures in "Wind-enhanced separation of large-scale river plumes from coastal corners"

Michael M. Whitney

**Department of Marine Sciences
University of Connecticut
michael.whitney@uconn.edu**

This archive contains the supporting data for figures in the manuscript "Wind-enhanced separation of large-scale river plumes from coastal corners" by Michael M. Whitney. This study analyzes idealized models to quantify how large-scale river plumes and wind-driven currents interact at perpendicular coastal corners. Data are from the Regional Ocean Modeling System (ROMS) results for idealized model configurations. The Zip file (Figure_data.zip) contains MATLAB data files, which are named FigureXX_data.mat. Variable names and units correspond to graphed data of each figure in manuscript. Full descriptions of research methods and results are included in manuscript.

List of MATLAB data files:

Figure01_data.mat
Figure02_data.mat
Figure03_data.mat
Figure04_data.mat
Figure05_data.mat
FigureS1_data.mat
FigureS2_data.mat