

## **Publications 2019-2020:**

Pan, J., Lai, W., & Devlin, A. T., Channel-Trapped Convergence and Divergence of Lateral Velocity in the Pearl River Estuary: Influence of Along-Estuary Variations of Channel Depth and Width. *Journal of Geophysical Research: Oceans*, 125, e2019JC015369. <https://doi.org/10.1029/2019JC015369>, 2020.

Lei, X., Pan\*, J. & Devlin, A. An ultraviolet to visible scheme to estimate chromophoric dissolved organic matter absorption in a Case-2 water from remote sensing reflectance, *Front. Earth Sci.*, <https://doi.org/10.1007/s11707-019-0777-5>, 2020.

Pramudya, F. S., J. Pan\*, and A. T. Devlin, Estimation of Significant Wave Height of Near-Range Traveling Ocean Waves Using Sentinel-1 SAR Images, *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 12, 1067-1075, doi: 10.1109/JSTARS.2019.2902566, 2019

Lei, X., J. Pan\*, A. T. Devlin, Characteristics of Absorption Spectra of Chromophoric Dissolved Organic Matter in the Pearl River Estuary in Spring, *Remote Sens.*, 11, 1533; doi:10.3390/rs11131533, 2019.

Devlin, A. T., J. Pan\*, H. Lin, Tidal variability in the Hong Kong region, *Ocean Sci.*, 15, 853–864, 2019.

Devlin, A. T., J. Pan\*, and H. Lin, Extended spectral analysis of tidal variability in the North Atlantic Ocean, *Journal of Geophysical Research: Oceans*, 124. <https://doi.org/10.1029/2018JC014694>. 2019.

Susanto, R. D., J. Pan, and A. T. Devlin, Tidal Mixing Signatures in the Hong Kong Coastal Waters from Satellite-Derived Sea Surface Temperature, *Remote Sensing*, 11 (5), doi:10.3390/rs11010005, 2019.

Pan, J., and Y. Sun, Estimation of horizontal eddy heat flux in upper mixed-layer in the South China Sea by using satellite data, *Scientific Reports*, 8:15527, DOI:10.1038/s41598-018-33803-2, 2018.

Pan J., X. Feng, W. Lai, A. T. Devlin, and H. Lin, Barrier effects of the Kuroshio Current on the East Asian northerly monsoon: A sensitivity analysis, *Scientific Reports*, 8:18044, DOI:10.1038/s41598-018-36577-9, 2018.