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Publications list (updated March 2023)

1. Scroccaro, I., Spitz, Y. H., **Seaton, C. M.** (2023) Effect of Local Winds on Salinity Intrusion in the Columbia River Estuary. *Water* 15:2, 326, <https://doi.org/10.3390/w15020326>
2. Lemagie, E, Giddings, S, MacCready, P, **Seaton, C,** & Wu, X. (2022) Measuring estuarine total exchange flow from discrete observations. *Journal of Geophysical Research: Oceans*. 2022; 127, e2022JC018960
3. Herfort L, **Seaton C,** Wilkin M, Roman B, Preston CM, Marin, III R, Seitz K, Smith MW, Haynes V, Scholin CA et al. (2016) Use of continuous, real-time observations & model simulations to achieve autonomous, adaptive sampling of microbial processes with a robotic sampler. *Limnol. Oceanogr. Methods*. 14(1):50-67.
4. Baptista AM, **Seaton C,** Wilkin M, Riseman S, Needoba JA, Maier D, Turner PJ, Karna T, Lopez JE, Herfort L et al. (2015) Infrastructure for collaborative science and societal applications in the Columbia River estuary. *Frontiers of Earth Science*. 9(4):659-682.
5. Maier D, Megler VM, Baptista AM, Jaramillo A, **Seaton C,** Turner PJ. (2012) Navigating Oceans of Data. 7338:1-19.
6. Roegner GC, **Seaton C,** Baptista AM. (2011) Climatic and tidal forcing of hydrography and chlorophyll concentrations in the Columbia River estuary. *Estuaries and Coasts*. 34(2):281-296.
7. Frolov S, Baptista AM, Zhang Y, **Seaton C.** (2009) Estimation of ecologically significant circulation features of the Columbia River estuary and plume using a reduced-dimension Kalman filter. *Continental Shelf Research*. 29(2):456-466.
8. Chawla A, Jay DA, Baptista AM, Wilkin M, **Seaton C.** (2008) Seasonal Variability and Estuary-Shelf Interactions in Circulation Dynamics of a River-dominated Estuary. *Estuaries and Coasts*.31