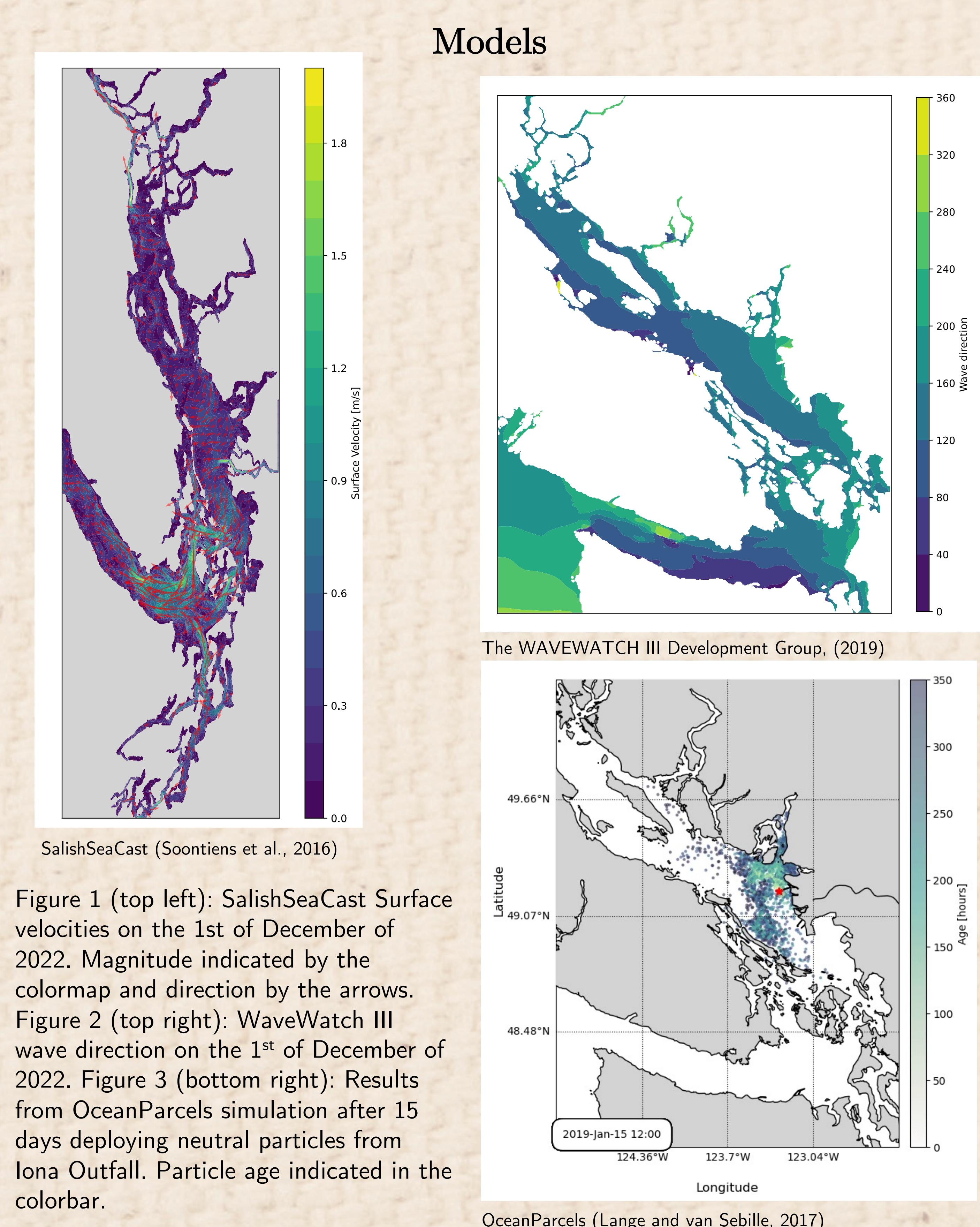


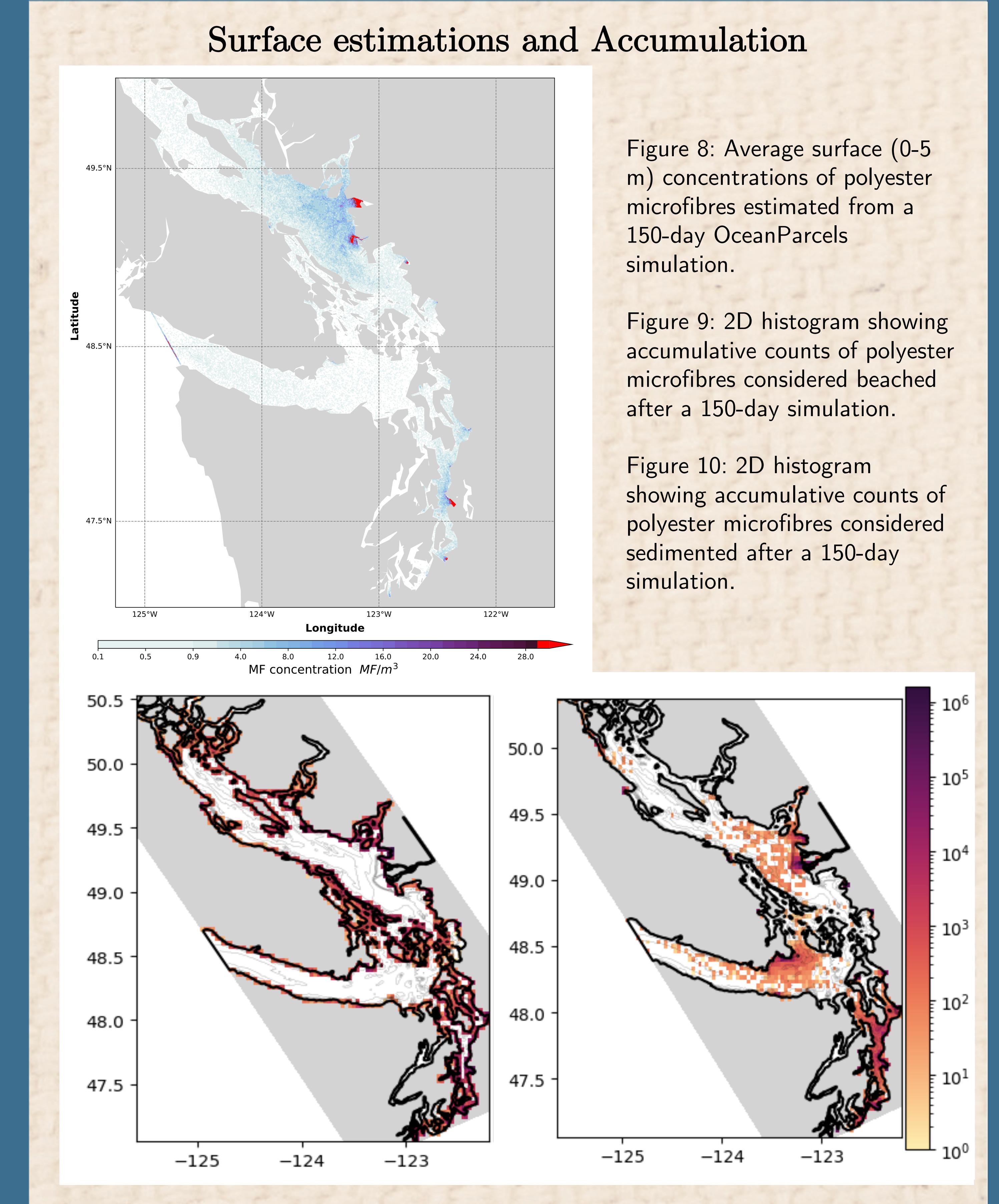
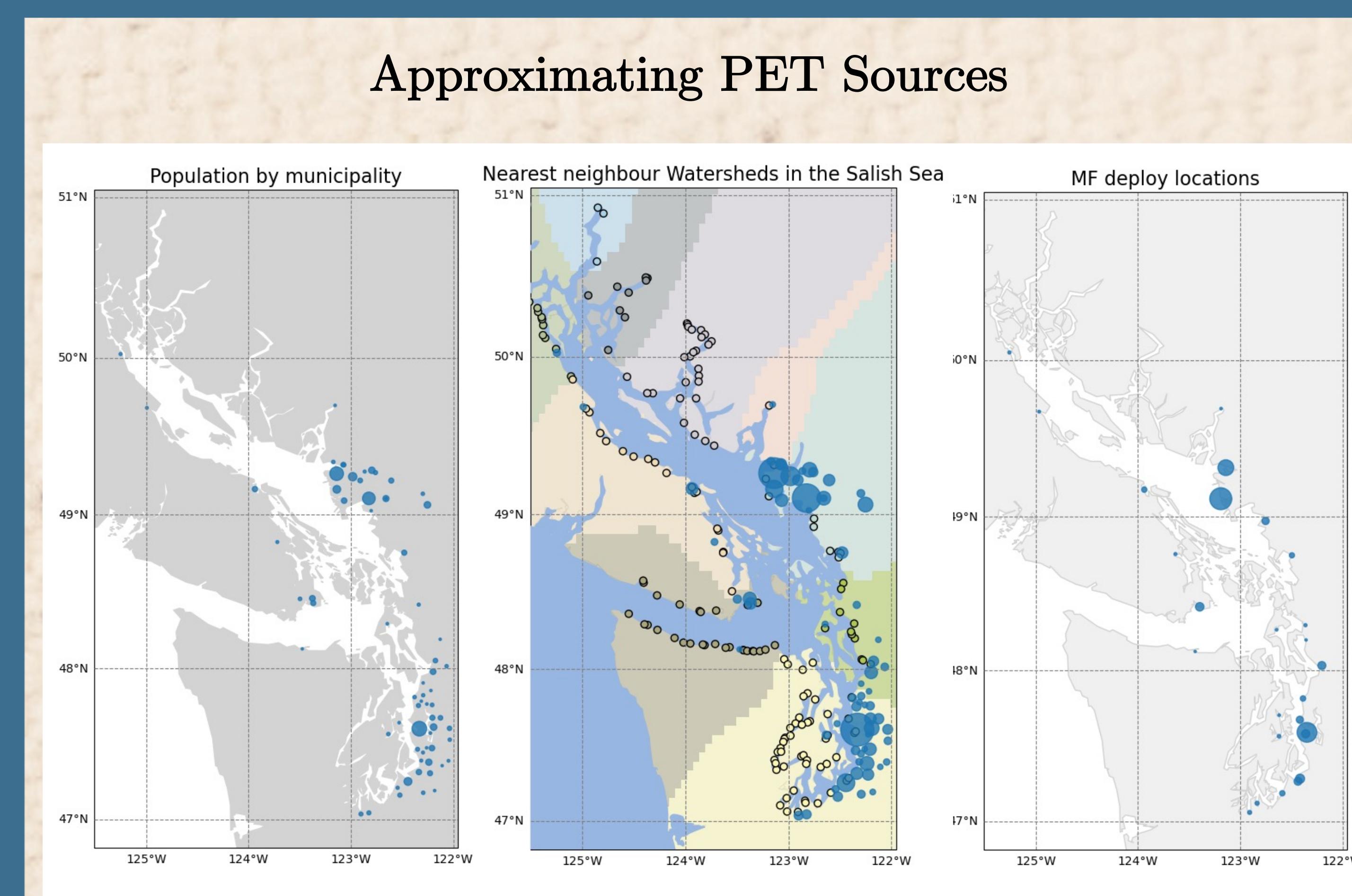
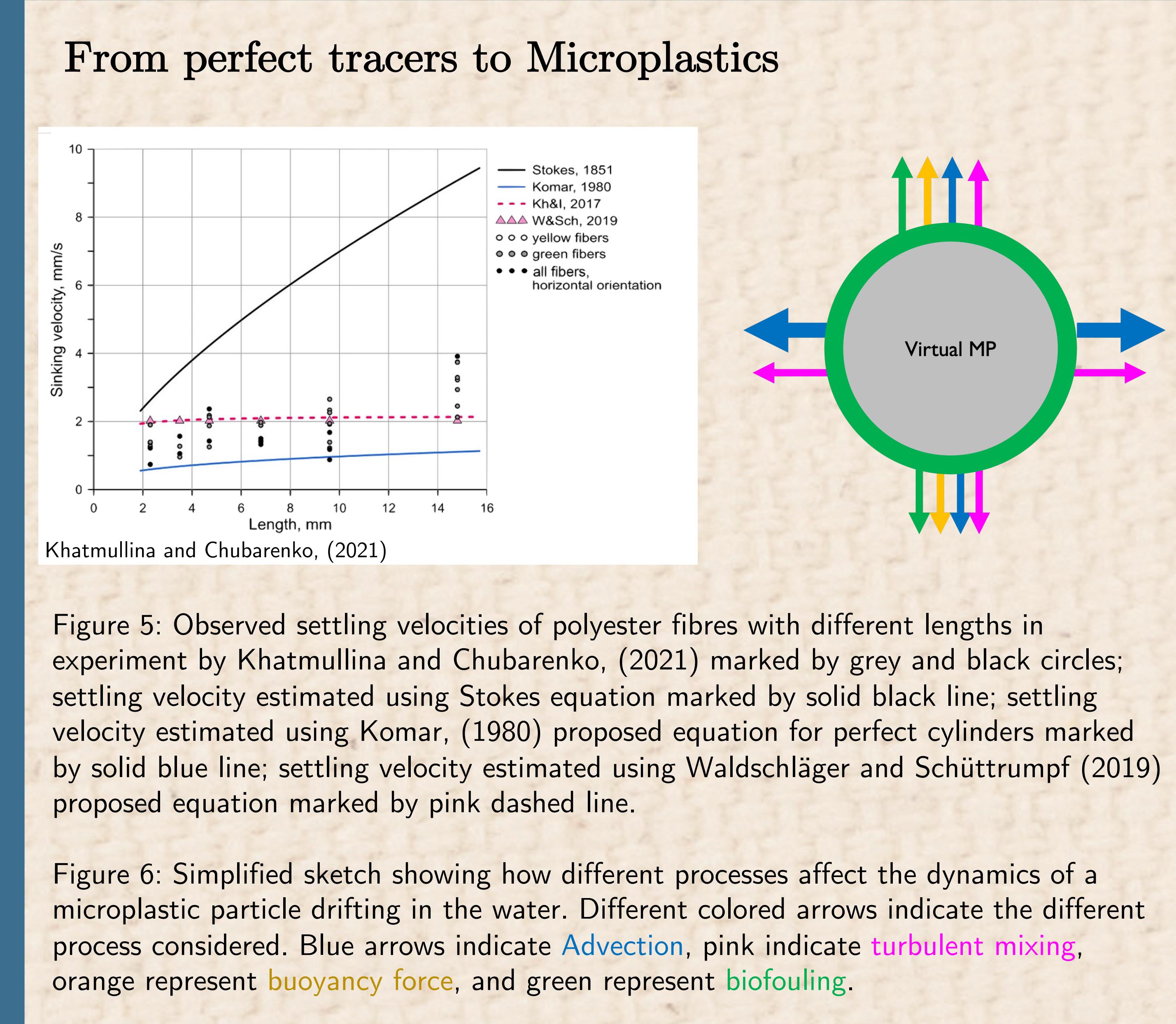
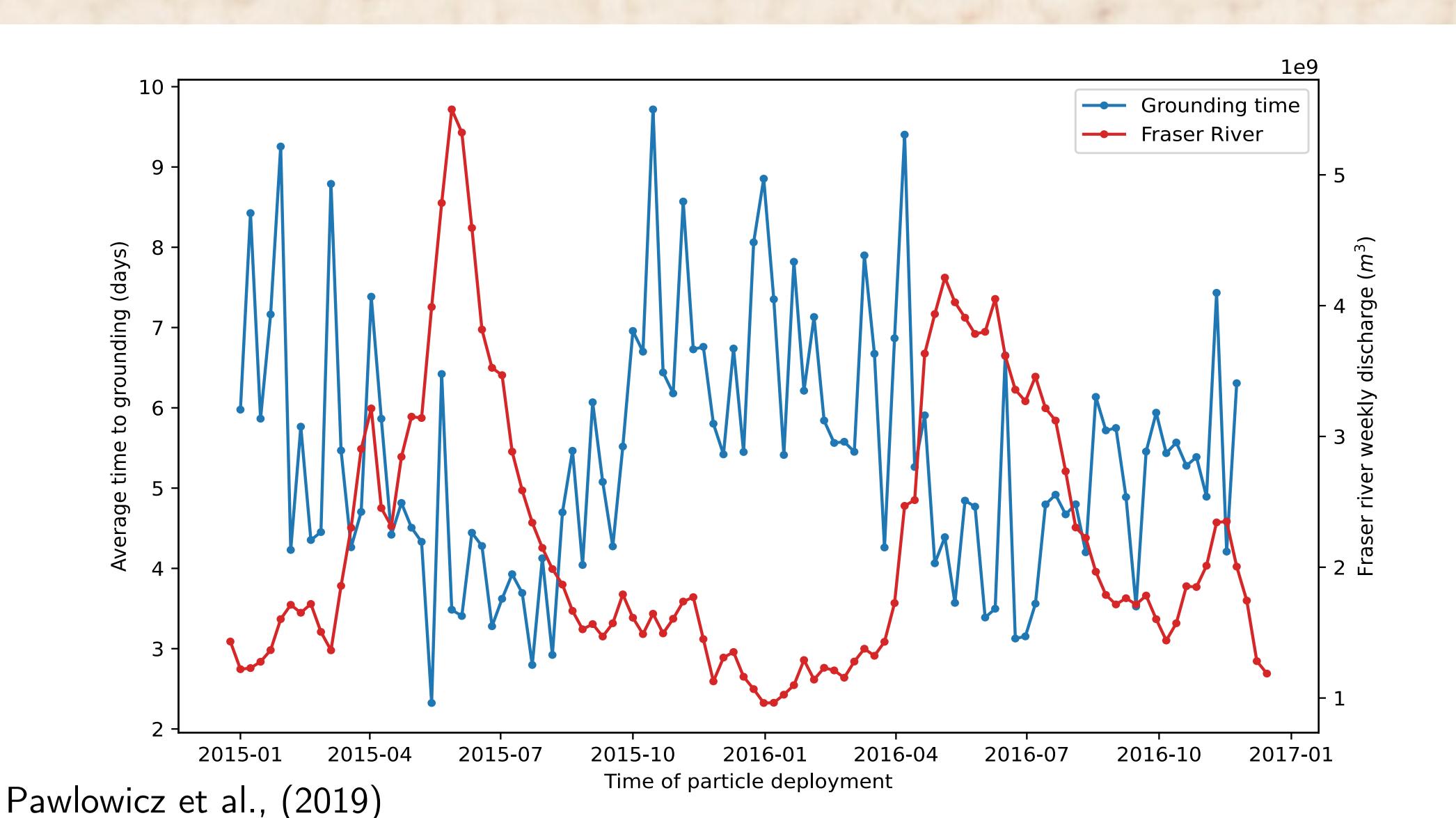


Modeling PET microfibres dynamics in the Salish Sea.

Jose Valentí Muelas, Susan E. Allen.



Beaching and Temporal Variability

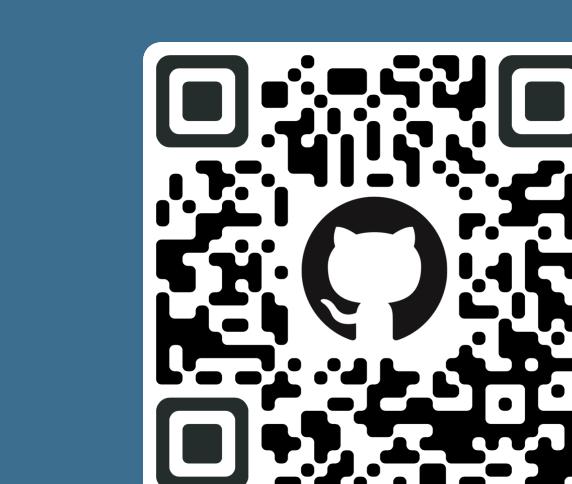


References

- Delandmeter, P., & Van Sebille, E. (2019). The Parcels v2. 0 Lagrangian framework: new field interpolation schemes. *Geoscientific Model Development*, 12(8), 3571–3584. <https://doi.org/10.5194/gmd-12-3571-2019>
- Khatmullina, L., & Chubarenko, I. (2021). Thin synthetic fibers sinking in still and convectively mixing water: laboratory experiments and projection to oceanic environment. *Environmental Pollution*, 288, 117714. <https://doi.org/10.1016/j.envpol.2021.117714>
- Pawlowicz, R., Hannah, C., & Rosenberger, A. (2019). Lagrangian observations of estuarine residence times, dispersion, and trapping in the Salish Sea. *Estuarine, Coastal and Shelf Science*, 225, 106246. <https://doi.org/10.1016/j.ecss.2019.106246>
- Soontiens, N., Allen, S. E., Latornell, D., Le Souëf, K., Machuca, I., Paquin, J.-P., Lu, Y., Thompson, K., & Korabel, V. (2016). Storm surges in the Strait of Georgia simulated with a regional model. *Atmosphere-Ocean*, 54(1), 1–21. <https://doi.org/10.1080/07055900.2015.1108899>
- The WAVEWATCH III Development Group. (2019). User manual and system documentation of WAVEWATCH III. Version 6.07. Tech. Note 333, NOAA/NWS/NCEP/MMAB, College Park, MD. <https://polar.ncep.noaa.gov/waves/wavewatch/manual/v5.16.pdf>

Special Thanks to...

University of British Columbia, Maite Maldonado, Lori-jon Waugh, all the members of Plastics-SoG (NSERC Microplastics group), Ocean Wise, and the MOAD research group: Becca Beutel, Birgit Rogalla, Camryn Stang, Cassidy Donaldson, Doug Latornell, Karyn Suchy and Raisha Lovinleader.



Email: jvalenti@eoas.ubc.ca
Github: [JoseEOAS](https://github.com/JoseEOAS)

