

Peer-Reviewed Papers  
(**SURFOs** in **bold**, *advisors* in *italics*)

**Vardner, J.**, and *B. Loose*, 2016. Molecular diffusion of  $\text{CF}_3\text{SF}_5$  in pure water and artificial seawater. *Marine chemistry*, 180: 51-56.

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Schloesser, F., *P. Cornillon*, *K. Donohue*, B. Boussidi, and **E. Iskin**, 2016. Evaluation of thermosalinograph and VIIRS data for the characterization of near-surface temperature fields. *J. of Atmospheric and Oceanic Technology*, 33: 1843-1858.

doi: <http://dx.doi.org/10.1175/JTECH-D-15-0180.1>

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Buckingham, C.E., *P.C. Cornillon*, F. Schloesser and **K.M. Obenour**, 2014. Global observations of quasi-zonal bands in microwave sea surface temperature. *J. Geophys. Res.*, 1–69. DOI: 10.1002/2014JC010088 2014.

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**Blum, J. , and Y. Shen**, 2004. Thermal hydrous, and mechanical states of the mantle transition zone beneath Southern Africa, Earth Planet. Sci. Lett., 217, 367-378.

**Shen, Y. , and J. Blum** , 2003. Seismic evidence for accumulated oceanic crust above the 660-km discontinuity beneath southern Africa, Geophys. Res. Lett., 30(18), 1925.

**Ullman, D., J. Brown, P. Cornillon, and Tim Mavor**, 1998 Surface temperature fronts in the Great Lakes,. J. of Great Lakes Research 24(4):753-775.

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