

Anderson, D.M., D.J. McGillicuddy, B.A. Keafer, M. Michelson, K. Keay, P.S. Libby, J. Manning, C. Mayo, D. Whittaker, J.M. Hickey, R. He, D. Lynch, K. Smith, 2006. Initial Observations of the 2005 Alexandrium fundyense bloom in southern New England. Deep Sea Research II.

Aretxabaleta, A., J.P. Manning, F.E. Werner, K. Smith, B. Blanton, and D.R. Lynch, 2004. Hindcasting May 1999 on the Southern Flank of Georges Bank: frontal circulation and implications. *Cont. Shelf Res.* 25 (7/8), 849-874.

Aretxabaleta, A., D. McGillicuddy, K.W. Smith, J.P. Manning, and D. Lynch, 2009. Model simulations of the Bay of Fundy Gyre: 2. Hindcasts for 2005-2007 reveal interannual variability in retentiveness. *Jour. Geophys. Res.* Vol. 14, C09005, doi: 10.1029/2008 JC004948, 2009.

Burkholder, K., J. Lee, C. Calabro, M. Kime, and J.P. Manning. 2024. Decadal-Scale Variability in the Surface Flow of the Gulf of Maine Coastal Current: The Impact of Changing Climate Conditions on Coastal Circulation, *Journal of Geophysical Research: Oceans*, Volume 129, Issue 4, article id. e2023JC020512.

Chen, C., R. Schlitz, K. Smith, R.C. Beardsley, J.P. Manning, and R.G. Lough, 2003, Wind-Induced, Cross-frontal water exchange on Georges Bank: A Mechanism for the early summer on-bank larval transport. *Jour. of Geophys. Res.*, VOL. 108, NO. C11, 8011, doi:10.1029/2002JC001358.

Churchill, J.H., J.P. Manning, and R.C. Beardsley, 2003, Slope water intrusions onto Georges Bank, *Jour. Geophys. Res.* Vol.108, No.C11.

Gawarkiewicz, G., R. Todd, A.J. Plueddmann, M. Andres, J.P. Manning, Direct interaction of the Gulf Stream and the shelfbreak south of New England. 2012. *Nature: Scientific Reports*. 2:553. doi: 10.1038/srep00553

He, Ruoying, D. McGillicuddy, D.R. Lynch, K.W. Smith, C.A. Stock, and J.P. Manning, 2005. Adjoint Assimilation Model Hindcast of the Gulf of Maine Coastal Current. *Jour. Geophys. Res.* Vol. 110(C10011) doi:10.1029/2004JC002807.

Li, Y., R. He, J. P. Manning. 2014. The Coastal Connectivity in the Gulf of Maine in Spring and Summer of 2004-2009. *Deep-Sea Research Part II*, Volume 103, p. 199-209. ISSN 0967-0645

Liu X, J.P. Manning, R. Prescott, F. Page, H. Zou, and M. Faherty. 2019. On simulating cold-stunned sea turtle strandings on Cape Cod, Massachusetts, PlosOne. <https://doi.org/10.1371/journal.pone.0204717>

Lough, R.G. and J.P. Manning. 2001. Tidal front entrainment and retention of fish larvae on Georges Bank. Deep Sea Res II. 48:631-644.

Lynch, D.R., C.E. Naimie, J.T. Ip, C.V. Lewis, F.E. Werner, R. Luettich, B.O. Blanton, J.A. Quinlan, D.J. McGillicuddy, J.R. Ledwell, J. Churchill, V. Kosnyrev, C.S. Davis, S.M. Gallager, C.J. Ashjian, R.G. Lough, J. Manning, C.N. Flagg, C.G. Hanna, R.C. Groman. 2001. Real-time assimilative modeling on Georges Bank. Oceanography. 14(1):65-77.

Lynch, D.R., D. McGillicuddy, J.P. Manning, D. Greenberg, A. Bigli, A. Aretxabelata, 2014. Particles in the Coastal Ocean: Theory and Applications. Cambridge Press. ISBN: 9781107061750

Manning, J.P., R.G. Lough, C.E. Naimie, and J.H. Churchill. 2001. Modeling the effect of a slope water intrusion on advection of fish larvae: May 1995 on Georges Bank. ICES Jour. Mar. Sci. in *Recruitment Dynamics of Exploited Marine Populations: Physical-Biological Interactions* Vol.58(5) 985-993.

Manning, J.P. and J.H. Churchill, 2006, Estimates of dispersion from clustered-drifter deployments on the southern flank of Georges Bank. Deep Sea Research II. Vol 53(23-24): 2501-2518.

Manning, J.P., D.J. McGillicuddy, N. Pettigrew, J.H. Churchill, and L. Incze, 2009, Drifter Observations of Maine Coastal Current Drift. Continental Shelf Res. doi:10.1016/j.csr.2008.12.008.

McGillicuddy, D.J., Jr., D.W. Townsend, R. He, B.A. Keafer, J.L. Kleindinst, Y. Li, J.P. Manning, D.G. Mountain, M.A. Thomas, D.M. Anderson. 2011. Suppression of the 2010 Alexandrium fundyense bloom by changes in physical, biological, and chemical properties of the Gulf of Maine. Limnol. Oceanogr., 56(6), 2011, 2411-2426 | DOI: 10.4319/lo.2011.56.6.2411.

McGillicuddy, D.J., M.L. Brosnahan, D.A. Couture, R. He, B.A. Keafer, J.P. Manning, J.L. Martin, C.H. Pilskaln, D.W. Townsend, D.M. Anderson, A red tide of Alexandrium fundyense in the Gulf of Maine. Deep-Sea Research II (2013), <http://dx.doi.org/10.1016/j.dsr2.2013.05.011>
Page, F. , J.P. Manning, L.E. Howard, R.M. Healey, N. E. Karraker, 2023. Developing bottom drifters to better understand the stranding locations of cold-stunned sea turtles in Cape Cod Bay, Massachusetts. PeerJ 11:e15866 <https://doi.org/10.7717/peerj.15866>

Page, F., J. Manning, M. Jones, M.E. Karraker. 2025. Foster Kids in the Field: Using Hands-On Science to Inspire At-Risk Youth, submitted to Community Literacy.

Rowe, M.D., Prendergast, S.E., Alofs, K.M., Bunnell, D.B., Rutherford, E.S. and Anderson, E.J. (2022), Predicting larval alewife transport in Lake Michigan using hydrodynamic and Lagrangian particle dispersion models. *Limnol Oceanogr*, 67: 2042-2058. <https://doi.org/10.1002/lno.12186>

Rypina I., A. Macdonald, S. Yoshida, J.P. Manning, K. Buesseler, M. Gregory. 2022. Spreading Pathways of Pilgrim Nuclear Power Station Wastewater in and around Cape Cod Bay: Estimates from Ocean Drifter Observations. *J. of Environmental Radiology*. Vol. 255. <https://doi.org/10.1016/j.jenvrad.2022.107039>

Santos, B, D. M. Kaplan, M.A.M. Friedrichs, S, G. Barco, K.L. Mansfield, J. P. Manning, Consequences of drift and carcass decomposition for estimating sea turtle mortality hotspots, *Ecological Indicators*, Volume 84, 2018, Pages 319-336, ISSN 1470-160X, <https://doi.org/10.1016/j.ecolind.2017.08.064>.