



2023 Cooperative Oxford Laboratory

Peer-reviewed Publications

Allen, K., T. Ihde, S. Knoche, H. **Townsend**, and K.A. Lewis. 2023. Simulated climate change impacts on striped bass, blue crab and Eastern oyster in oyster sanctuary habitats of Chesapeake Bay. *Estuarine, Coastal and Shelf Science* 292: 108465. <https://10.1016/j.ecss.2023.108465>

Cubillo, A.M., Lopes, A.S., J.G. Ferreira, H. Moore, M. Service, and S.B. **Bricker**. 2023. Quantification and valuation of the potential of shellfish ecosystem services in mitigating coastal eutrophication. *Estuarine, Coastal and Shelf Science* 293: 108469. <https://doi.org/10.1016/j.ecss.2023.108469>

Fleming, C.S., S.D. Regan, A. **Freitag**, and H. Burkart. 2023. Indicators and participatory processes: a framework for assessing integrated climate variability and risk as applied in Los Angeles County, California. *Natural Hazards* 115: 2069-2095. <https://doi.org/10.1007/s11069-022-05628-w>

Perryman, H.A., I.C. Kaplan, J.L. Blanchard, G. Fay, S.K. Gaichas, V.L. McGregor, H.N. Morzaria-Luna, J. Porobic, H. **Townsend**, and E.A. Fulton. 2023. Atlantis Ecosystem Model Summit 2022: Report from a workshop. *Ecological Modeling* 483: 110442. <https://doi.org/10.1016/j.ecolmodel.2023.110442>

Karp, M.A., J.S. Link, M. Grezlik, S. Cadrin, G. Fay, P. Lynch, H. **Townsend**, with 35 others. 2023. Increasing the uptake of multispecies models in fisheries management. *ICES Journal of Marine Science* 80(2): 243-257. <https://doi.org/10.1093/icesjms/fsad001>

Lee, C.C., S.C. Sheridan, G.P. Dusek, and D.E. **Pirhalla**. 2023. Atmospheric pattern-based predictions of S2S sea Level anomalies for two selected U.S. locations. *Artificial Intelligence for the Earth Systems* 2: e220057. <https://doi.org/10.1175/AIES-D-22-0057.s1>

Matsche, M.A., V.S. Blazer, and E.L. Pulster. 2023. White perch health relative to urbanization and habitat degradation in Chesapeake Bay tributaries. I. Biliary neoplasms and hepatic lesions. *Diseases of Aquatic Organisms* 154: 85-105. <https://doi.org/10.3354/dao03733>

Matsche, M.A., V.S. Blazer, and E.L. Pulster. 2023. White perch health relative to urbanization and habitat degradation in Chesapeake Bay tributaries. II. Hepatic and splenic macrophage aggregates. *Diseases of Aquatic Organisms* 154: 107-130. <https://doi.org/10.3354/dao03734>

Spires, J.E., E.W. North, S.R. Westby, C.N. Steppe, J.M. Dumhart, and S.S. Hildebrandt. 2023. Direct selling of Eastern oyster (*Crassostrea virginica*) larvae confirmed with calcein, a fluorochrome dye. *Estuaries and Coasts* 46(3): 723-739. <https://doi.org/10.1007/s12237-023-01178-x>