



2025 Cooperative Oxford Laboratory

Peer-reviewed Publications

Brewster, L.R., H. **Townsend**, J.S. Link, F. Edwards, G. DePiper, A.C. Hansell, and S.X. Cadrin. 2025. A practical guide to economic frontiers for evaluating benefits of multispecies fisheries management. *North American Journal of Fisheries Management* 45: 369-385. <https://doi.org/10.1093/najfmt/vqae012>

Burns, C.M., H. **Townsend**, S.A. Oakes, R.N.M. Ahrens, W. Klajbor, M.E. Monaco, and K. Montenero. 2025. Co-production for adaptive management: Where we've been and where to go from here. *Fisheries: vuaf102*. <https://doi.org/10.1093/fshmag/vuaf102>

Jesse, J., M. **Matsche**, H. **Townsend**, C. Shen, J. Testa, and M. Wilberg. 2025. Quantifying trends in and potential drivers of mycobacteriosis in Atlantic striped bass in Maryland waters of the Chesapeake Bay. *Transactions of the American Fisheries Society* 154(1): 35-49. <https://doi.org/10.1093/tafafs/vnae003>

Johnson, T., G.P. Richards, J. **Jacobs**, H. **Townsend**, E. Almuhaideb, D. Rosales, P. Chigbu, L. Dasilva, and S. Parveen. 2025. Prevalence and pathogenic potential of *Shewanella* species in oysters and seawater collected from the Chesapeake Bay and Maryland coastal bays. *Frontiers in Microbiology* 16: 1502443. <https://doi.org/10.3389/fmicb.2025.1502443>

Ortega-Cisneros, K., D. Fierros-Arcos, M. Lindmark, C. Novaglio, P. Woodworth-Jefcoats, T.D. Eddy, with 22 others, H. **Townsend**, and J.L. Blanchard. 2025. An integrated global-to-regional scale workflow for simulating climate change impacts on marine ecosystems. *Earth's Future* 13: 004826. <https://doi.org/10.1029/2024EF004826>

Perryman, H.A., C.H. Ainsworth, M. Masi, I.C. Kaplan, H. **Townsend**, S.R. Sagarese, M.A. Nuttall, R.L. Scott, and H.C. Repeta. 2025. From guinea pigs to guides: advancing lessons learned from reviewing end-to-end marine ecosystem models. *Socio-Environmental Systems Modelling* 7: 18848. <https://doi:10.18174/sesmo.18848>

Thorson, J.T., K. Kristensen, K.Y. Aydin, S.K. Gaichas, D.G. Kimmel, E.A. McHuron, J.M. Nielsen, H. **Townsend**, and G.A. Whitehouse. 2025. The benefits of hierarchical ecosystem models: Demonstration using Ecostate, a new state-space mass-balance model. *Fish and Fisheries* 26: 203-218. <https://doi.org/10.1111/faf.12874>