

## **Selected Publications**

Oschlies A., and M. Schartau (2005). Basin-scale performance of a locally optimized marine ecosystem model, *Journal of Marine Research* (63/2), 335-358.

Weber L., C. Voelker, M. Schartau, and D. Wolf-Gladrow (2004). Modeling the speciation and biogeochemistry of iron at the Bermuda Atlantic Time-series Study site, *Global Biogeochem. Cycles*, 19, GB1019, doi:10.1029/2004GB002340.

Schartau M., and A. Oschlies (2003). Simultaneous data-based optimization of a 1D-ecosystem model at three locations in the North Atlantic Ocean: Part 2) Standing stocks and nitrogen fluxes. *Journal of Marine Research* (61/6), 795-821.

Schartau M., A. Oschlies, and J. Willebrand (2001). Parameter estimates of a zero-dimensional ecosystem model applying the adjoint method. *Deep Sea Research II*, 48, 1769-1800.

Engel A., M. Schartau (1999). Influence of transparent exopolymer particles (TEP) on sinking velocity of *Nitzschia closterium* aggregates. *Marine Ecology Progress Series*, 182, 69-76.