

# REFERENCES

## Chapter 1. Introduction and background

Bricker, S.B., C.G. Clement, D.E. Pirhalla, S.P. Orlando, and D.R.G. Farrow. (1999). National Estuarine Eutrophication Assessment: Effects of Nutrient Enrichment in the Nation's Estuaries. NOAA, National Ocean Service, Special Projects Office and the National Centers for Coastal Ocean Science. Silver Spring, MD. Estuarine Research Federation. <http://erf.org>

Wazniak, C., M. Hall, C. Cain, D. Wilson, R. Jesien, J. Thomas, T. Carruthers, and W. Dennison. (2004). State of the Maryland Coastal Bays. Maryland Department of Natural Resources, Maryland Coastal Bays Program, and University of Maryland Center for Environmental Science.

## Chapter 2. Approach

Bricker, S.B., C.G. Clement, D.E. Pirhalla, S.P. Orlando, and D.R.G. Farrow. (1999). National Estuarine Eutrophication Assessment: Effects of Nutrient Enrichment in the Nation's Estuaries. NOAA, National Ocean Service, Special Projects Office and the National Centers for Coastal Ocean Science. Silver Spring, MD.

Bricker S.B., J.G. Ferreira, and T. Simas. (2003). An Integrated Methodology for Assessment of Estuarine Trophic Status. *Ecological Modelling* 169: pp. 39–60.

Bricker, S., D. Lipton, A. Mason, M. Dionne, D. Keeley, C. Krahforst, J. Latimer, and J. Pennock. (2006). Improving Methods and Indicators for Evaluating Coastal Water Eutrophication: A Pilot Study in the Gulf of Maine. NOAA Technical Memorandum NOS NCCOS 20. National Ocean Service, National Centers for Coastal Ocean Science, Center for Coastal Monitoring and Assessment, Silver Spring, MD.

Castro, M., C.T. Driscoll, T.E. Jordan, W.G. Reay, W.R. Boynton, S.P. Seitzinger, R.V. Styles, and J.E. Cable. (2001). Contribution of atmospheric deposition to the total nitrogen loads to thirty four estuaries on the Atlantic and Gulf Coasts of the United States. In: Valigura, R.A., R.B. Alexander, M.S. Castro, T.P. Meyers, H.W. Paerl, P.E. Stacey, and R.E. Turner (eds.). *Nitrogen Loading in Coastal Water Bodies: An Atmospheric Perspective, Coastal and Estuarine Studies*. American Geophysical Union, Washington, DC. pp. 77–106.

Ferreira, J.G., S.B. Bricker, and T.C. Simas. 2007. Application and sensitivity testing of an eutrophication assessment method on coastal systems in the United States and European Union. *Journal of Environmental Management* 82(4): 433–445.

Nobre, A.M., J.G. Ferreira, A. Newton, T. Simas, J.D. Icely, and R. Neves. (2005). Managing eutrophication: Integration of field data, ecosystem-scale simulations and screening models. *Journal of Marine Systems* 56: 375–390.

Scavia, D. and S.B. Bricker. (2006). Coastal eutrophication assessment in the United States. *Biogeochemistry* 79(1–2): 187–208.

Smith, R.A., G.E. Schwarz, and R.B. Alexander. (1997). Regional interpretation of water quality monitoring data. *Water Resources Research* 33: 2781–2798.

United States Environmental Protection Agency (USEPA). (2004). National Coastal Condition Report II. United States Environmental Protection Agency, Office of Research and Development, Office of Water, Washington, DC. EPA-620/R-03/002. at <http://www.epa.gov/owow/oceans/nccr2/>

## Chapter 3. National assessment

Castro, M., C.T. Driscoll, T.E. Jordan, W.G. Reay, W.R. Boynton, S.P. Seitzinger, R.V. Styles, and J.E. Cable. (2001). Contribution of atmospheric deposition to the total nitrogen loads to thirty four estuaries on the Atlantic and Gulf Coasts of the United States. In: Valigura, R.A., R.B. Alexander, M.S. Castro, T.P. Meyers, H.W. Paerl, P.E. Stacey, and R.E. Turner (eds.). *Nitrogen Loading in Coastal Water Bodies: An Atmospheric Perspective, Coastal and Estuarine Studies*. American Geophysical Union, Washington, DC. pp. 77–106.

Intergovernmental Panel on Climate Change (IPCC). (2001). Third Assessment Report – WG2. Technical Summary. In: McCarthy, J.J., O.F. Canziani, N.A. Leary, D. J. Dokken, and K.S. White (eds.). *Climate Change 2001: Impacts, Adaptation and Vulnerability. A Report of Working Group II of the Intergovernmental Panel on Climate Change*. Cambridge University Press, New York, NY.

Kennedy, V.A., R.R. Twilley, J.A. Kleypas, J.H. Cowan, Jr., and S.R. Hare. (2002). Coastal and Marine Ecosystems and Global Climate Change: Potential Effects on U.S. Resources. Pew Center for Global Climate Change, Arlington, VA.

Smith, R.A., G.E. Schwarz, and R.B. Alexander. (1997). Regional interpretation of water quality monitoring data. *Water Resources Research*. 33: 2781–2798.

Smith, S.V. (2003). Preliminary NOAA estuarine typology database.

## Chapter 4. Regional summaries

Verity, P.G., M.L. Alber, and S.B. Bricker. (2006). Development of hypoxia in well-mixed subtropical estuaries in the southeastern USA. *Estuaries and Coasts* 29(4): 665–673.

## Chapter 5. Case studies

see chapter for references in each case study author's section

## Chapter 6. Improvements to the assessment

See chapter for additional references used by authors within the chapter

Bricker, S.B., C.G. Clement, D.E. Pirhalla, S.P. Orlando, and D.R.G. Farrow. (1999). National Estuarine Eutrophication Assessment: Effects of Nutrient Enrichment in the Nation's Estuaries. NOAA, National Ocean Service, Special Projects Office and the National Centers for Coastal Ocean Science. Silver Spring, MD.

Bricker S.B., J.G. Ferreira, and T. Simas. (2003). An Integrated Methodology for Assessment of Estuarine Trophic Status. *Ecological Modelling* 169: 39–60.

Bricker, S., G. Matlock, J. Snider, A. Mason, M. Alber, W. Boynton, D. Brock, G. Brush, D. Chestnut, U. Claussen, W. Dennison, E. Dettmann, D. Dunn, J. Ferreira, D. Flemer, P. Fong, J. Fourqurean, J. Hameedi, D. Hernandez, D. Hoover, D. Johnston, S. Jones, K. Kamer, R. Kelty, D. Keeley, R. Langan, J. Latimer, D. Lipton, R. Magnien, T. Malone, G. Morrison, J. Newton, J. Pennock, N. Rabalais, D. Scheurer, J. Sharp, D. Smith, S. Smith, P. Tester, R. Thom, D. Trueblood, and R. VanDolah. (2004). National Estuarine Eutrophication Assessment Update: Workshop summary and recommendations for development of a long-term monitoring and assessment program. Proceedings of a workshop, 4–5 September 2002. Patuxent River National Wildlife Research Refuge, Laurel, MD.

Bricker, S., D. Lipton, A. Mason, M. Dionne, D. Keeley, C. Krahforst, J. Latimer, J. Pennock. (2006). Improving Methods and Indicators for Evaluating Coastal Water Eutrophication: A Pilot Study in the Gulf of Maine. NOAA Technical Memorandum NOS NCCOS 20. National Ocean Service, National Centers for Coastal Ocean Science, Center for Coastal Monitoring and Assessment, Silver Spring, MD.

Latimer, J.S., S. Rego, G. Cicchetti, C. Pesch, E.H. Dettmann, R. McKinney, M. Charpentier. (2006). The Relationship Between Land-Based Nitrogen Loading and Eelgrass Extent for Embayments in Southern New England: Initial Model Construction. Report No. AED-05-107, US EPA/ORD/NHEERL/Atlantic Ecology Division, Narragansett, RI.

Scavia, D., and S.B. Bricker. (2006). Coastal eutrophication assessment in the United States. *Biogeochemistry* 79(1–2): 187–208.

United States Environmental Protection Agency (USEPA). (2001). National Coastal Condition Report I. United States Environmental Protection Agency, Office of Research and Development, Office of Water, Washington, DC. EPA-620/R-01/005 <http://www.epa.gov/owow/oceans/nccr/index>

United States Environmental Protection Agency (USEPA). (2005). National Coastal Condition Report II. United States Environmental Protection Agency, Office of Research and Development, Office of Water, Washington, DC. EPA-620/R-03/002. <http://www.epa.gov/owow/oceans/nccr2/>

United States Environmental Protection Agency. (2001a). Environmental Monitoring and Assessment Program (EMAP): National Coastal Assessment Quality Assurance Project Plan 2001–2004. United States Environmental Protection Agency, Office of Research and Development, National Health and Environmental Effects Research Laboratory, Gulf Ecology Division, Gulf Breeze, FL. EPA/620/R-01/002. [http://www.epa.gov/emap/nca/html/docs/c2k\\_qapp.pdf](http://www.epa.gov/emap/nca/html/docs/c2k_qapp.pdf)

# DATA SOURCES

- Anderson, D.M. (1997). Bloom dynamics of toxic *Alexandrium* species in the northeastern United States. *Limnology & Oceanography* 42: 1009-1022.
- Aneja, V.P., D.R. Nelson, P.A. Roelle, and J.T. Walker. (2003). Agricultural ammonia emissions and ammonium concentrations associated with aerosols and precipitation in the southeast United States. *Journal of Geophysical Research* 108(D4), 4152, doi:10.1029/2002JD002271.
- Baskerville-Donovan, Incorporated. (2002). Choctawhatchee Bay Watershed Water Quality Assessment Phase I Report. Report Submitted to Choctawhatchee Basin Alliance, Okaloosa-Walton College.
- Baskerville-Donovan, Incorporated. (2005). Choctawhatchee Bay Watershed Water Quality Assessment Phase II Report. Report Submitted to Choctawhatchee Basin Alliance, Okaloosa-Walton College. <http://www.basinalliance.org/Studies/Phase%20II%20Executive%20Summary.pdf>
- Boyer, J.N. (2006). FY2005 Annual Report of the South Florida Coastal Water Quality Monitoring Network. SFWMD/SERC Cooperative Agreement #C-15397. SERC Tech. Rep. T-326.
- Bricker, S., D.Lipton, A. Mason, M. Dionne, D. Keeley, C. Krahnsting, J. Latimer, J. Pennock. (2006). Improving Methods and Indicators for Evaluating Coastal Water Eutrophication: A Pilot Study in the Gulf of Maine. NOAA Technical Memorandum NOS NCCOS 20. National Ocean Service, National Centers for Coastal Ocean Science, Center for Coastal Monitoring and Assessment, Silver Spring, MD.
- Burkholder, J.M., D.A. Dickey, C. Kinder, R.E. Reed, M.A. Mallin, G. Melia, M.R. McIver, L.B. Cahoon, C. Brownie, N. Deamer, J. Springer, H.B. Glasgow, D. Toms, and J. Smith. (2006). Comprehensive trend analysis of nutrients and related variables in a large eutrophic estuary: A decadal study of anthropogenic and climatic influences. *Limnology and Oceanography* 51: 463-487.
- Burkholder, J., D. Eggleston, H. Glasgow, C. Brownie, R. Reed, G. Melia, C. Kinder, G. Janowitz, R. Corbett, M. Posey, T. Alphin, D. Toms, N. Deamer, and J. Springer. (2004). Comparative impacts of two major hurricane seasons on the Neuse River and western Pamlico Sound. *Proceedings of the National Academy of Sciences (USA)* 101: 9291-9296.
- Bureau of Economic and Business Research, University of Florida.
- Buzzards Bay Naional Estuary Program: <http://www.buzzardsbay.org/red-tide-ppsp.htm>
- Caccia, V.G. and J.N. Boyer. Submitted. A Nutrient Loading Budget for Biscayne Bay, Florida. *Marine Pollution Bulletin*.
- Caccia, V.G. and J.N. Boyer. (2005). Spatial patterning of water quality in Biscayne Bay, Florida as a function of land use and water management. *Marine Pollution Bulletin* 50: 1416-1429.
- California Department of Health Services: <http://www.dhs.ca.gov/>
- California Regional Water Quality Control Board, Santa Ana Region. (2004). Triennial review of the nutrient TMDL for San Diego Creek and upper Newport Bay. [http://www.ocwatershed.com/watersheds/newport\\_bay\\_sd\\_management.asp](http://www.ocwatershed.com/watersheds/newport_bay_sd_management.asp)
- Castro, M., C.T. Driscoll, T.E. Jordan, W.G. Reay, W.R. Boynton, S.P. Seitzinger, R.V. Styles, and J.E. Cable. (2001). Contribution of atmospheric deposition to the total nitrogen loads to thirty four estuaries on the Atlantic and Gulf Coasts of the United States. In: Valigura, R.A., R.B. Alexander, M.S. Castro, T.P. Meyers, H.W. Paerl, P.E. Stacey, and R.E. Turner (eds.). *Nitrogen Loading in Coastal Water Bodies: An Atmospheric Perspective, Coastal and Estuarine Studies*. American Geophysical Union, Washington, DC. pp. 77-106.
- Coastal Assessment and Data Synthesis System (CADS). (1999). NOAA, National Ocean Service, Special Projects Office, Silver Spring, MD.
- Coastal Environmental Monitoring and Assessment Program (CEMAP): <http://www.deq.state.or.us/lab/wqm/CEMAP.htm>
- Charlotte Harbor National Estuary Program: <http://www.chnep.org/>
- Chesapeake Bay Program: <http://www.chesapeakebay.net>
- Connecticut Department of Agriculture, Bureau of Aquaculture and Laboratory Services: <http://www.ct.gov/doag/cwp/view.asp?a=1369&Q=259170>
- Connecticut Department of Environmental Protection: <http://www.ct.gov/dep/site/default.asp>
- Corbett, C.A. (in review). Seagrass coverage changes in Charlotte Harbor, FL. C.A. Corbett, P.H. Doering, and E. Estevez (guest eds.). *Special Issue Florida Scientist* 2006.
- Dauer, D.M., H.G. Marshall, J.R. Donat, M. F. Lane, S. Doughten, P.L. Morton, and F.J. Hoffman. (2006). Status and trends in water quality and living resources in the Virginia Chesapeake Bay: Rappahannock River (1985-2003). Final report to the Virginia Department of Environmental Quality. 55p.
- Deacutis, C. (in prep). Evidence of Ecological Impacts from Excess Nutrients in Upper Narragansett Bay. In: *Ecosystem-based Management of a Southern New England Estuary: A Case Study of Narragansett Bay*. Rhode Island SeaGrant through Springer-Verlag.
- Deacutis, C. (1999). Nutrient impacts and signs of problems in Narragansett Bay. Pp.7-23. In: Kerr, M. (ed.). *Nutrients and Narragansett Bay: Proceedings of a Workshop on Nutrient Removal from Wastewater Treatment Facilities*. Rhode Island Sea Grant. Narragansett, RI. 64 p.
- Deacutis, C.F., D. Murray, W. Prell, E. Saarman, and L. Korhun. (in press). Hypoxia in the Upper Half of Narragansett Bay, RI During August 2001 and 2002. *Northeastern Naturalist*.
- Delaware Department of Natural Resources and Environmental Control: <http://www.dnrec.delaware.gov/>
- Dowty, P., B. Reeves, H. Berry, S. Wyllie-Echeverria, T. Mumford, A. Sewell, P. Milos, R. Wright. (2005). Puget Sound submerged vegetation 2003-2004 monitoring report. Washington State Department of Natural Resources, Olympia, WA.
- ECOHAB-Gulf of Maine: A site to facilitate exchange of information between principal investigators, reviewers, and interested parties (<http://www.whoi.edu/ecohab/>)
- Elkhorn Slough Foundation. (2002). Changes in a California Estuary, A profile of Elkhorn Slough. [www.elkhornslough.org](http://www.elkhornslough.org)
- Ensign, S.H., J.N. Halls, and M.A. Mallin. (2004). Application of digital bathymetry data in an analysis of flushing times of two North Carolina estuaries. *Computers and Geosciences* 30: 501-511.
- Florida Department of Environmental Protection: <http://www.dep.state.fl.us/>
- Friends of Casco Bay: <http://www.cascobay.org/>
- Garside, C. and J.C. Garside. (2004). Nutrient sources and distributions in Cobscook Bay. *Northeast Naturalist* 11(special issue 2): 75-86.
- Georgia Department of Natural Resources, Coastal Resources Division Monitoring Program: <http://crd.dnr.state.ga.us/>
- Green and Steward. (2003). Utility of a Pollutant Load Screening Model in determining provisional pollutant load reduction goals. Conference proceedings of Emerging Technologies, Tools and Techniques to Manage our Coasts in the 21st Century. USEPA, Cocoa Beach, FL.
- Haas Center Report. (2006). Economic Analysis of the Contribution of Choctawhatchee Bay to Okaloosa and Walton Counties. Report submitted to Choctawhatchee Basin Alliance, Okaloosa-Walton College. 58pp. <http://www.basinalliance.org/Studies/Economic%20Impact%20Study.pdf>
- Harwich Sea Lettuce Control Project (<http://www.vsv.cape.com/~harharb/sealettucecontrol.html>).
- Hemming, J.M., J.M. Brown, M. Brim, R. Jarvis. (2005). Sediment quality survey of the Choctawhatchee Bay system in the Florida panhandle. *Marine Pollution Bulletin* 50: 889-903.
- Hendrickson, J.C., N. Trahan, E. Gordon, and Y. Ouyang. External Nutrient Budget for the Lower St. Johns River. SJRWMD Technical Memorandum, Palatka, FL.
- Horne, A. (2003). Eutrophication in the Newport Bay Estuary in 2002: Trends in the Abundance of Nuisance Macroalgae (Seaweeds) in 1996-2002. Report to: Orange County Public Facilities and Resources Department.
- Hunchak-Kariouk, K. and R.S. Nicholson. (2001). Watershed contributions of nutrients and other nonpoint source contaminants to the Barnegat Bay-Little Egg Harbor Estuary. *Journal of Coastal Research* 32: 28-81.
- Hunt, C.W., T.L. Loder, and C.W. Vorosmarty. (2005). Spatial and temporal patterns of inorganic nutrient concentrations in the Androscoggin and Kennebec Rivers, Maine. *Water, Air, and Soil Pollution* 163: 303-323.

- Irvine Ranch Water District (IRWD). (2004). San Joaquin Marsh Nutrient Removal Summary, Presentation by Jim Hyde at TMDL review workshop, Irvine, CA.
- Janicki Environmental, Incorporated. (2003). Water Quality Analysis and Report for the Charlotte Harbor National Estuary Program, Charlotte Harbor National Estuary Program, Fort Myers, FL. [http://www.chnep.org/info/wq/water\\_quality\\_data\\_analysis.htm](http://www.chnep.org/info/wq/water_quality_data_analysis.htm)
- Kennish, M.J. (2001a). Physical description of the Barnegat Bay-Little Egg Harbor Estuarine System. *Journal of Coastal Research* 32: 13-27.
- Kennish, M.J. (2001b). Benthic communities of the Barnegat Bay-Little Egg Harbor Estuary. *Journal of Coastal Research* 32: 167-177.
- Kennish, M.J. (2001c). Characterization of the Barnegat Bay-Little Egg Harbor Estuary and watershed. *Journal of Coastal Research* 32:3-12.
- Kennish, M.J., S.M. Haag, and G.P. Sakowicz. (2006). Demographic investigation of seagrasses in the Barnegat Bay-Little Egg Harbor estuary with assessment of potential impacts of benthic macroalgae and brown tides. Jacques Cousteau National Estuarine Research Reserve. <http://marine.rutgers.edu/pt/research/PDFs/SAV.pdf>
- Keppner, E.J., L.A. Keppner. (2003). Species Inventory of Hogtown Bayou, Choctawhatchee Bay, Walton County, Florida. Report submitted to Choctawhatchee Basin Alliance. 75 p.
- Lake Ponchartrain Basin Foundation: <http://www.saveourlake.org/>
- Larsen, P.F. (2004). Ecosystem modeling in Cobscook Bay, Maine: a boreal, macrotidal estuary. *Northeastern Naturalist* 11 (Special Issue 2): 1-12.
- Larsen, P.F., S. Barker, J. Wright, and C. Erickson. (2004). Use of cost effective remote sensing to map and measure marine intertidal habitats in support of ecosystem modeling efforts: Cobscook Bay, Maine. In: Ecosystem Modeling in Cobscook Bay, Maine: a boreal, macrotidal estuary. *Northeast Naturalist* 11 (Special Issue 2).
- Lee, K.-Y., T.R. Fisher, T.E. Jordan, D.L. Correll, and D.E. Weller. (2000). Modeling the hydrochemistry of the Choptank River Basin using GWLF and Arc/Info: 1. Model calibration and validation. *Biogeochemistry* 49: 143-73.
- Lehman, P.W. (2000a). The influence of climate on phytoplankton community biomass in San Francisco Bay Estuary. *Limnology and Oceanography* 45: 580-590.
- Lehman, P.W. (2000b). Phytoplankton biomass, cell diameter and species composition in the low salinity zone of northern San Francisco Bay Estuary. *Estuaries* 23: 216-230.
- Libby, S., R. Geyer, A. Keller, J. Turner, D. Borkman, C. Oviatt, and C. Hunt. (2003). 2002 Annual Water Column Monitoring Report. Submitted to Massachusetts Water Resources Authority, Boston, MA. Report No. 2003-09 oceanography of toxic Alexandrium in the Gulf of Maine: ECOHAB-GOM (<http://www.whoi.edu/redtide/labweb/projects.html>)
- Livingston, R.J., X. Niu, F.G. Lewis, and G.C. Woodsum. (1997). Freshwater input to a Gulf estuary: long-term control of trophic organization. *Ecological Applications* 7: 277-299.
- Louisiana State University: <http://www.lsu.edu/>
- Louisiana Department of Environmental Quality: <http://www.deq.louisiana.gov/portal/>
- Maine Department of Marine Resources: <http://www.maine.gov/dmr/index.htm>
- Mallin, M.A., M.R. McIver, H.A. Wells, D.C. Parsons, and V.L. Johnson. (2005). Reversal of eutrophication following sewage treatment upgrades in the New River Estuary, North Carolina. *Estuaries* 28(5): 750-760.
- Mallin, M.A., M.R. McIver, T.D. Alphin, M.H. Posey, and J.F. Merritt. (2005). Environmental Assessment of the Lower Cape Fear River System, 2003-2004. CMS Report No. 05-02, Center for Marine Science, University of North Carolina at Wilmington, Wilmington, N.C.. <http://www.uncwil.edu/cmsr/aquaticecology/lcfrp/>
- Mallin, M.A., M.R. McIver, S.H. Ensign, and L.B. Cahoon. 2004. Photosynthetic and heterotrophic impacts of nutrient loading to blackwater streams. *Ecological Applications* 14:823-838.
- Maryland Department of Natural Resources: [http://www.dnr.state.md.us/sw\\_index\\_flash.asp](http://www.dnr.state.md.us/sw_index_flash.asp)
- Massachusetts Division of Marine Fisheries: <http://www.mass.gov/dfwe/dmf/>
- Massachusetts Water Resources Authority: <http://www.mwra.state.ma.us/index.html> MBARI. See: <http://www.mbari.org/lobo/loboviz.htm>
- Mir-Gonzalez, D.L. and J. N. Boyer. (2005). The effect of groundwater nutrient discharge on benthic macrophyte communities in southwestern Biscayne Bay, Florida, ERF Meeting. Norfolk, VA.
- Meeder, J. and J.N. Boyer. (2001). Total ammonia concentrations in soil, sediments, surface water, and groundwater along the western shoreline of Biscayne Bay with the focus on Black Point and a reference mangrove site. Final Report to the National Park Service #BISC-N-011.000. <http://serc.fiu.edu/wqmnetwork/boyerj/reports/BBAmmoniaRpt2000.pdf>
- Montagna, P. University of Texas Marine Science Institute: <http://www.gulfbase.org/organization/view.php?oid=utmsi>
- Morro Bay National Estuary Program Volunteer Monitoring Program: <http://www.mbnep.org/volunteer/>
- Mortazavi, B., R.L. Iverson, W. Huang, F.G. Lewis, and J.M. Caffrey. (2000). Nitrogen budget of Apalachicola Bay, a bar-built estuary in the northeastern Gulf of Mexico. *Marine Ecology Progress Series* 195: 1-14.
- Mortazavi, B., R.L. Iverson, W.M. Landing, F.G. Lewis, and W. Huang. (2000). Control of phytoplankton production and biomass in a river-dominated estuary: Apalachicola Bay, Florida, USA. *Marine Ecology Progress Series* 198: 19-31.
- Mortazavi, B., R.L. Iverson, W.M. Landing, and W. Huang. (2000). Phosphorus budget of Apalachicola Bay: a river-dominated estuary in the northeastern Gulf of Mexico. *Marine Ecology Progress Series* 198: 33-42.
- Mortazavi, B., R.L. Iverson, and W. Huang. (2001). Dissolved organic nitrogen and nitrate in Apalachicola Bay, Florida: spatial distributions and monthly budgets. *Marine Ecology Progress Series* 214: 79-91.
- Mullaney, J.R., G.E. Schwarz, and E.C.T. Trench. (2002). Estimation of nitrogen yields and loads from basins draining to Long Island Sound, 1988-98: U.S. Geological Survey Water-Resources Investigations Report 02-4044, 84 p. <http://ct.water.usgs.gov/pubs/LISbook.pdf>
- Mullaney, J.R. (2004). Summary of water quality trends in the Connecticut River, 1968-1998. In: Jacobson, P.M. et al. (eds.), The Connecticut River ecological study (1965-1978) revisited: Ecology of the lower Connecticut River 1973-2003: Bethesda, Md., *American Fisheries Society Monograph* 9: 273-286.
- Mulvey, B. quoted in Oakland Tribune (12-5-2004). [http://response.restoration.noaa.gov/legacy/watersheds/sanfrancisco/sfb\\_html/chapters/chapters5a.htm](http://response.restoration.noaa.gov/legacy/watersheds/sanfrancisco/sfb_html/chapters/chapters5a.htm)
- New Jersey Department of Environmental Protection (NJDEP). (2002). Shellfish stock assessment of Little Egg Harbor. Technical Report, New Jersey Department of Environmental Protection, Trenton, New Jersey. <http://www.nj.gov/dep/bmw/waterquality.htm>
- New York Department of State Division of Coastal Resources: <http://nyswaterfronts.com/index.asp>
- Nixon S.W., B. Buckley, S. Granger, L. Harris, A. Oczkowski, L. Cole, and R. Fulweiler. (2005). Anthropogenic Nutrient Inputs to Narragansett Bay, A Twenty-five Year Perspective. Report to the Narragansett Bay Commission and RI SeaGrant. 29 p. + Appendices.
- Nixon, S.W., S. Granger, and B. Buckley. (in prep). Nutrient inputs to Narragansett Bay. In: *Ecosystem-based Management of a Southern New England Estuary: A Case Study of Narragansett Bay*.
- Nixon, S.W., S.L. Granger, and B.L. Nowicki. (1995). An assessment of the annual mass balance of carbon, nitrogen, and phosphorus in Narragansett Bay. *Biogeochemistry* 31: 15-61.
- New York City Department of Environmental Protection: <http://www.ci.nyc.ny.us/html/dep/home.html>
- Nuzzi, R. and R.M. Waters. (2004). Long-term perspective on the dynamics of brown tide blooms in Long Island coastal bays. *Harmful Algae* 3: 279-293.
- Nuzzi, R. (2005). Nitrogen Trends in the Peconic Estuary, 1976-2004. Final Report, EPA Nutrient Criteria Grant.
- Oczkowski, A.J., B.A. Pellerin, C.W. Hunt, W.M. Wollheim, C.J. Vorosmarty, and T.C. Loder. (2006). The Role of Snowmelt and Spring Rainfall in Inorganic Nutrient Fluxes from a Large Temperate Watershed, the Androscoggin River Basin (Maine and New Hampshire). *Biogeochemistry*, in press <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s10533-006-9017-7>
- Olsen, P.S. and J.B. Mahoney. (2001). Phytoplankton in the Barnegat Bay-Little Egg Harbor Estuarine System: Species composition and picoplankton bloom development. *Journal of Coastal Research* 32: 115-143.
- Orange County Public Facilities and Resources Department (OCPRD). 2002. Report of the Regional Monitoring Program for the Newport/San Diego Creek Watershed Nutrient TMDL
- Oregon Department of Environmental Quality: <http://www.oregon.gov/DEQ/>
- Orth, R.J., D.W. Wilcox, L.S. Nagey, A.L. Owens, J.R. Whiting, and A.K. Kenne. (2005). 2004 distribution of submerged aquatic vegetation in the Chesapeake Bay and Coastal Bays. Special Scientific Report No. 146. Virginia Institute of Marine Science, Gloucester Point, VA.

- Penland, S., A. Beall, J. Waters, and J. Kindinger (eds.). Environmental Atlas of the Lake Pontchartrain Basin. Lake Pontchartrain Basin Foundation, New Orleans, LA. <http://pubs.usgs.gov/of/2002/of02-206/>
- Phinney, D.A., C.S. Yentsch, and D.I. Phinney. (2004). Primary productivity of phytoplankton and subtidal microphytobenthos in Cobscook Bay, Maine. In: Ecosystem Modeling in Cobscook Bay, Maine: a boreal, macrotidal estuary. *Northeast Naturalist* 11(Special Issue 2).
- Pryor D., E. Saarman, D. Murray, and W. Prell. (2005, in review). Nitrogen Loading from Wastewater Treatment Plants to Upper Narragansett Bay. Report to the Narragansett Bay Estuary Program. 22 p. + Appendices.
- Rabalais, N. (2002). Nitrogen in Aquatic Ecosystems. *Ambio* 31(2): 102-112.
- Rabalais, N. (2006). Personal communication with R. Stumpf, NOAA.
- San Francisco Estuary Institute: <http://www.sfei.org/>
- San Luis Obispo Science and Ecosystem Alliance: <http://www.slosea.org/index.php>
- Santa Ana Regional Water Quality Control Board. (2004). Newport Bay Watershed Nutrient TMDL Triennial Review Report.
- Scavia, D., N.N. Rabalais, R.E. Turner, D. Justić, and W.J. Wiseman, Jr. (2003). Predicting the response of Gulf of Mexico hypoxia to variations in Mississippi River nitrogen load. *Limnology & Oceanography* 48: 951-956.
- Scavia, D., D. Justić, and V.J. Bierman, Jr. (2004). Reducing Hypoxia in the Gulf of Mexico: Advice from Three Models. *Estuaries* 27(3): 419-425.
- Seitzinger, S.P., R.M. Styles, and I.E. Pilling. (2001). Benthic microalgal and phytoplankton production in Barnegat Bay, New Jersey (USA): Microcosm experiments and data synthesis. *Journal of Coastal Research* 32: 144-162.
- South West Florida Water Management District: <http://www.swfwmd.state.fl.us/>
- Southern California Coastal Water Research Project (SCCWRP). (2000). Comparison of Nutrient Inputs, Water Column Concentrations, and Macroalgal Biomass in Upper Newport Bay, Technical Report 332.
- SCCWRP. (2002). Macrolagal Nutrient Dynamics in Upper Newport Bay, Technical Report 365.
- SCCWRP. (2003). Dissolved Oxygen Concentration as a Potential Indicator of Water Quality in Newport Bay: A Review of Scientific Research, Historical Data, and Criteria Development, Technical Report 411.
- Smith, S.V. (2003). Preliminary NOAA estuarine typology database.
- South Carolina NERR: NERR nutrient monitoring data. <http://cdmo.baruch.sc.edu/>
- South Carolina Algal Ecology Lab: <http://links.baruch.sc.edu/scael/>
- Southeast Environmental Research Center data: <http://serc.fiu.edu/wqmnetwork/SFWMD-CD/index.htm>
- Southwest Florida Water Management District: <http://www.swfwmd.state.fl.us/>
- Sowles, J. (2005). Assessing Nitrogen Carrying Capacity for Blue Hill Bay, Maine - A Management Case History. In: Hargrave, B.T. (ed.) *The Handbook of Environmental Chemistry. Volume 5 Water Pollution: Environmental Effects of Marine Finfish Aquaculture*. Springer-Verlag, Heidelberg.
- Sowles, J. and L. Churchill. (2004). Predicted nutrient enrichment by salmon aquaculture and potential for effects in Cobscook Bay, Maine. In: Ecosystem Modeling in Cobscook Bay, Maine: a boreal, macrotidal estuary. *Northeast Naturalist* 11(Special Issue 2).
- St. Johns River Water Management District: <http://sjr.state.fl.us/programs/index.html>
- Steward, J.S. and W.C. Green. (2005). Setting pollutant loading targets for the Indian River and Banana River lagoons based on relationships between loadings and seagrass depth limits. Unpublished paper.
- Suffolk County Department of Health Services: <http://www.co.suffolk.ny.us/webtemp1.cfm?dept=6&ID=177>
- Suwannee River Water Management District's Surfacewater Quality and Biological Annual Report 2004.
- Tampa Bay Estuary Program: <http://www.tbep.org/>
- Taylor, D.I. (2005). Patterns of wastewater, river and non-point source loadings to Boston Harbor, 1995-2003. Massachusetts Water Resources Technical Report.
- Taylor, D.I. (2005). Relationships between changes in eutrophication-related water quality, and loadings to Boston Harbor. Environmental Quality Department technical report series 2005-21. Boston, MA: Massachusetts Water Resources Authority, Boston MA.
- Taylor, D.I. (2006). Percent years after wastewater diversion; an update of water quality improvements in Boston Harbor. Massachusetts Water Resources Authority Technical Report
- Taylor D.I. (2006). Five years after wastewater diversion: an update of water quality improvements in Boston Harbor. Environmental Quality Department technical report series 2006-XX. Boston, MA: Massachusetts Water Resources Authority, Boston MA.
- Tijuana River Watershed: <http://trw.sdsu.edu/English/homeFrame.htm>
- Tomasko, D.A., C.A. Corbett, H.S. Greening, and G.E. Raulerson. (2005). Spatial and Temporal Variation in Seagrass Coverage in Southwest Florida: Assessing the Relative Effects of Anthropogenic Nutrient Load Reductions and Rainfall in Four Contiguous Estuaries. *Marine Pollution Bulletin* 50: 797-805.
- Trench, E.C.T. and A.V. Vecchia. (2002) Water-quality trend analysis and sampling design for streams in Connecticut, 1968-98: U.S. Geological Survey Water-Resources Investigations Report 02-4011, 94 p. [http://pubs.er.usgs.gov/pubs/index.jsp?jboEventVo=PubResultView&view=basic&jboEvent=Sear ch&pxfield\\_all=trench+vecchia](http://pubs.er.usgs.gov/pubs/index.jsp?jboEventVo=PubResultView&view=basic&jboEvent=Sear ch&pxfield_all=trench+vecchia)
- Trowbridge, P. (2006). Environmental indicator report, water quality, NHEP Report. 85 p.
- Turner, R.E., Q. Dortch, D. Justić, and E.M. Swenson. (2002). Nitrogen loading into an urban estuary: Lake Pontchartrain (Louisiana, USA). *Hydrobiologia* 487: 137-152.
- Turner, R.E., N.N. Rabalais, D. Justić, and Q. Dortch. (2003). Global patterns of dissolved silicate and nitrogen in large rivers. *Biogeochemistry* 64: 297-317.
- Turner, R.E. and N.N. Rabalais. (2004). Suspended sediment, C, N, P, and Si yields from the Mississippi River Basin. *Hydrobiologia* 511: 79-89.
- Turner, R.E., N.N. Rabalais, and D. Justić. (2006). Predicting summer hypoxia in the Northern Gulf of Mexico: Riverine N, P and Si loading. *Marine Pollution Bulletin* 52: 139-148.
- Turner, R.E., N.N. Rabalais. (2003). Linking landscape and water quality in the Mississippi River Basin for 200 years. *BioScience* 53: 563-572.
- University of New Hampshire Center of Excellence for Coastal Ocean Observation and Analysis: <http://www.cooa.unh.edu/webcoast/webcoast.jsp>
- United States Army Corps of Engineers: <http://www.iwr.usace.army.mil/>
- United States Environmental Protection Agency Gulf Ecology Division from 2002-2004. [http://data.ecology.su.se/MNODE/North%20America/PensacolaBay/Pensacola\\_Bay\\_budget.htm](http://data.ecology.su.se/MNODE/North%20America/PensacolaBay/Pensacola_Bay_budget.htm)
- United States Environmental Protection Agency (USEPA). (2001). National Coastal Condition Report I. United States Environmental Protection Agency, Office of Research and Development, Office of Water, Washington, DC. EPA-620/R-01/005
- <http://www.epa.gov/owow/oceans/nccr/index>
- United States Geological Survey: <http://www.usgs.gov/>
- Virginia Shellfish Sanitation Division of the Virginia Department of Health: <http://www.vdh.state.va.us/EnvironmentalHealth/Shellfish/index.htm>
- Walker, J.T., V.P. Aneja, and D. Dickey. (2000). Atmospheric transport and wet deposition of ammonium in North Carolina, USA. *Atmospheric Environment* 34: 3407-3418.
- Washington State Department of Ecology: <http://www.ecy.wa.gov/apps/eap/marinewq/mwdataset.asp?PSAMP?>
- Washington State Department of Natural Resources Nearshore Habitat Program: <http://www.dnr.wa.gov/hdocs/aqr/nshr/index.html>
- The Water Atlas: <http://www.wateratlas.usf.edu/>
- Waquoit Bay NERR volunteer monitoring: [http://www.waquoitbayreserve.org/WoodsHoleResearchCenter\(WHRC\).](http://www.waquoitbayreserve.org/WoodsHoleResearchCenter(WHRC).) (2005). [http://www.whrc.org/capecod/land\\_cover\\_population/land\\_cover\\_change.htm](http://www.whrc.org/capecod/land_cover_population/land_cover_change.htm), viewed 8-9-2005.