

## REFERENCES

- Association of Clean Water Administrators (ACWA). (2018, February 12). *FUNDING LEVELS FOR KEY WATER APPROPRIATIONS (Dollars in Millions)* [Chart]. In *Www.acwa-us.org*. Retrieved June 7, 2019, from [https://www.acwa-us.org/wp-content/uploads/2018/02/Funding-Chart-2.12.18\\_FY19Pres\\_proposal\\_budget-1.pdf](https://www.acwa-us.org/wp-content/uploads/2018/02/Funding-Chart-2.12.18_FY19Pres_proposal_budget-1.pdf)
- Baltimore Metropolitan Council. (2018, June 1). *Progress Report for 2016 and 2017 on the Implementation of the 2005 Reservoir Watershed Action Strategy* (Rep.). Retrieved June 6, 2019, from Baltimore Metropolitan Council website: [https://www.baltometro.org/sites/default/files/bmc\\_documents/general/environment/reservoir/RWSM\\_2018\\_reservoir-watershed-action-strategy\\_progress-report.pdf](https://www.baltometro.org/sites/default/files/bmc_documents/general/environment/reservoir/RWSM_2018_reservoir-watershed-action-strategy_progress-report.pdf)
- Band, L., Dillaha, T., Duffy, C., Reckhow, K., & Welty, C. (2008). *Chesapeake Bay Watershed Model Phase V Review* (pp. 1-13, Tech. No. 08-003). Edgewater, MD: Scientific and Technical Advisory Committee. Retrieved June 10, 2019, from <https://www.chesapeake.org/pubs/2ndphasevreportfinal.pdf>
- Bingham, Tayler H., Timothy R. Bondelid, Brooks M. Depro, Ruth C. Figueroa, A. Brett Hauber, Suzanne J. Unger, George L. Van Houtven. (2000, January). *A Benefits Assessment of Water Pollution Control Programs Since 1972: Part 1, The Benefits of Point Source Controls for Conventional Pollutants in Rivers and Streams* (Rep. No. Ee-0429-01). Retrieved June 7, 2019, from EPA website: <https://archive.epa.gov/aed/lakesecoservices/web/pdf/ee-0429-01.pdf>
- Bricker, S., B. Longstaff, W. Dennison, A. Jones, K. Boicourt, C. Wicks, and J. Woerner. 2007. Effects of Nutrient Enrichment In the Nation's Estuaries: A Decade of Change. NOAA Technical Memorandum NOS NCCOS Coastal Ocean Program Decision Analysis Series 26. Silver Spring, MD. 328 pp.
- Brohawn, Kathy. 2007. Personal communications. MD Dept. Environment, Environmental Risk Assessment Program (Shellfish Sanitation Program), Baltimore.
- Cardno ENTRIX. 2014. Summary of 2013 Qualitative Long-Term Monitoring Activities: Swanson Creek and Patuxent River. Potomac Electric Power Company, NW, Washington, DC. Introduction 1-1.
- Centers for Disease Control and Prevention. 2016. *Vibrio (Vibriosis): Frequently Asked Questions*. US Department of Health and Human Services. Atlanta, GA. Accessed on June 7, 2016 at: <https://www.cdc.gov/vibrio/faq.html>.
- Chanat, J.G., Moyer, D.L., Blomquist, J.D., Hyer, K.E., and Langland, M.J., 2016, Application of a Weighted Regression Model for Reporting Nutrient and Sediment Concentrations, Fluxes, and Trends in Concentration and Flux for the Chesapeake Bay Nontidal Water-Quality Monitoring Network, Results Through Water Year 2012: U.S. Geological Survey Scientific Investigations Report 2015-5133, 76 p., Online at: <https://pubs.er.usgs.gov/publication/sir20155133>

- Clean Water Action Plan Technical Workgroup. (1998, December 31). *Maryland Clean Water Action Plan: Final 1998 report on unified watershed assessment, watershed prioritization and plans for restoration action strategies*. Dept. Natural Resources, Annapolis. 68p. Online at <URL: <https://msa.maryland.gov/megafile/msa/speccol/sc5300/sc5339/000113/000000/000385/unrestricted/20040775e.pdf>
- Code of Maryland Regulations (COMAR). 2001 (and periodic updates). §26.08 - MD Dept. Environment. Office of the Secretary of State, Div. of State Documents, Annapolis. Online at: [https://www.dsd.state.md.us/COMAR/subtitle\\_chapters/26\\_Chapters.aspx](https://www.dsd.state.md.us/COMAR/subtitle_chapters/26_Chapters.aspx)
- Colwell, R. R. (2004). Infectious disease and environment: Cholera as a paradigm for waterborne disease. *International Microbiology*, 7, 285-289. Retrieved June 7, 2019, from [https://scielo.isciii.es/scielo.php?pid=S1139-67092004000400008&script=sci\\_arttext&tlng=pt](https://scielo.isciii.es/scielo.php?pid=S1139-67092004000400008&script=sci_arttext&tlng=pt)
- Cronin, W. B. (1971). *Volumetric, areal and tidal statistics of the Chesapeake Bay estuary and its tributaries* (71-2). Baltimore, MD: Chesapeake Bay Institute.
- Curriero, F. C., Patz, J. A., Rose, J. B., & Lele, S. (2001). The Association Between Extreme Precipitation and Waterborne Disease Outbreaks in the United States, 1948–1994. *American Journal of Public Health*, 91(8), 1194-1199. Retrieved June 7, 2019, from <https://www.ncbi.nlm.nih.gov/pubmed/11499103>.
- Cutler, D., & Miller, G. (2005). The Role of Public Health Improvements in Health Advances: The Twentieth-Century United States. *Demography*, 42(1), 1-22. Retrieved June 7, 2019, from <https://link.springer.com/article/10.1353/dem.2005.0002>.
- Dillow, J. J., & Greene, E. A. (1999). *Ground Water Discharge and Nitrate Loadings to the Coastal Bays of Maryland* (Rep. No. 99-4167). Retrieved from <https://pubs.usgs.gov/wri/wri99-4167/>
- Eskin, Richard, J. Ellen Lathrop-Davis and Tim C. Rule. (2000). *Report of the Biological Criteria Advisory Committee to the Maryland Department of the Environment on the Interim Framework for the Regulatory Application of Biological Assessments*. Dept. of the Environment, Technical and Regulatory Services Admin., Baltimore.
- Harman, W., R. Starr, M. Carter, K. Tweedy, M. Clemmons, K. Suggs, C. Miller. (2012). *A Function-Based Framework for Stream Assessment and Restoration Projects*. US Environmental Protection Agency, Office of Wetlands, Oceans, and Watersheds, Washington, DC EPA 843-K-12-006.
- Heicher, David. 2007. Personal communications (e-mail) - update on invasive mussels in Susquehanna River basin. 21 December 2007. Susquehanna River Basin Commission, Harrisburg, PA.
- Hirsch, R. M., Moyer, D. L., & Archfield, S. A. (2010). Weighted Regression On Time, Discharge, and Season (WRTDS), With An Application to Chesapeake Bay River Inputs. *Journal of the*

*American Water Resources Association*, 46(5), 857-880. Retrieved June 7, 2019, from <https://onlinelibrary.wiley.com/doi/full/10.1111/j.1752-1688.2010.00482.x>

Hirsch, R. M., Archfield, S. A., & De Cicco, L. A. (2015). A bootstrap method for estimating uncertainty of water quality trends. *Environmental Modeling and Software*, 73, 148-166. Retrieved June 7, 2019, from <https://www.sciencedirect.com/science/article/pii/S1364815215300220>.

Hlavsa, M. C., Roberts, V. A., Kahler, A. M., Hilborn, E. D., Mecher, T. R., Beach, M. J., . . . Joder, J. S. (2015, June 26). *Morbidity and Mortality Weekly Report: Outbreaks of Illness Associated with Recreational Water — United States, 2011–2012* (Rep. No. 64(24);668-672). Retrieved June 7, 2019, from Centers for Disease Control and Prevention website: <https://www.cdc.gov/mmwr/preview/mmwrhtml/mm6424a4.htm>

Jacobs, A.D. and D.F. Bleil. 2008. Condition of nontidal wetlands in the Nanticoke River Watershed, Maryland and Delaware. Delaware Department of Natural Resources and Environmental Control, Watershed Assessment Section, Dover, DE 78pp.

Karrh, R. 2021. Personal communications (e-mail) – Summary of Tidal Trends. 14 September 2021. Maryland Department of Natural Resources, Annapolis MD.

Keisman, J., & Shenk, G. (2013). Total Maximum Daily Load Criteria Assessment Using Monitoring and Modeling Data. *Journal of the American Water Resources Association*, 49(5), 1134-1149. Retrieved October 22, 2021, from [https://www.chesapeakebay.net/documents/WQ\\_Criteria\\_Assessment\\_Using\\_Monitoring\\_and\\_Modeling\\_Data\\_10-13.pdf](https://www.chesapeakebay.net/documents/WQ_Criteria_Assessment_Using_Monitoring_and_Modeling_Data_10-13.pdf)

Keppel, A. 2021. Personal communications (e-mail) - Core/Trend trend results through 2019. 9 June 2021. Maryland Department of Natural Resources, Annapolis MD.

Leschine, T. M., Wellman, K. F., & Green, T. H. (1997). *The Economic Value of Wetlands Wetlands' Role in Flood Protection in Western Washington* (pp. 1-53, Rep. No. 97-100). Bellevue, WA: Washington State Department of Ecology.

Llanso, Roberto J., Lisa C. Scott and Frederick S. Kelley 2005. Assessment of 2000 through 2004 Chesapeake Bay estuarine benthic communities protocol and summary of results for MD and VA 2006 Integrated 305b/303d reports. 30 September. Prepared for VA Dept. Environmental Quality by Versar, Inc., Columbia, MD. 10p.

Luckett, C. N. (2015). *2015 Fish Kill Summary* (pp. 1-17, Rep.). Annapolis, MD: Maryland Department of the Environment, Fish Kill Investigations Section.

Maryland Coastal Bays Program. Accessed 2011. Ocean City. 2010 Coastal Bays Report Card. Online at: <https://mdcoastalbays.org/>

- Maryland Department of Agriculture a. (2016, March 14). Agriculture Department Releases Preliminary Data on Soil Phosphorus Levels; Soil Data Collected for First Time Statewide as a Result of PMT Regulations. Retrieved June 10, 2019, from <https://news.maryland.gov/mda/press-release/2016/03/14/agriculture-department-releases-preliminary-data-on-soil-phosphorus-levels-soil-data-collected-for-first-time-statewide-as-a-result-of-pmt-regulations/>
- Maryland Department of Agriculture b. (2016, August 24). Maryland Department of Agriculture Announces Record Cover Crop Sign-up. Retrieved June 10, 2019, from <https://news.maryland.gov/mda/press-release/2016/08/17/maryland-department-of-agriculture-announces-record-cover-crop-sign-up>
- Maryland Department of the Environment. 1993. Maryland Lake Water Quality Assessment. Water Quality Monitoring Div., Annapolis.
- Maryland Department of the Environment. 1995. Maryland Lake Water Quality Assessment. Water Quality Monitoring Pgm., Annapolis.
- Maryland Department of the Environment. 2006 303(d) Listing. Baltimore. Online at [https://mde.maryland.gov/programs/Water/TMDL/Integrated303dReports/Pages/2006\\_303d\\_list\\_final.aspx](https://mde.maryland.gov/programs/Water/TMDL/Integrated303dReports/Pages/2006_303d_list_final.aspx)
- Maryland Department of the Environment. 2008 Integrated Report. Baltimore. Online at [https://mde.maryland.gov/programs/Water/TMDL/Integrated303dReports/Pages/2008\\_final\\_303d\\_list.aspx](https://mde.maryland.gov/programs/Water/TMDL/Integrated303dReports/Pages/2008_final_303d_list.aspx)
- Maryland Department of the Environment. 2009. Safe Drinking Water Act annual compliance report for calendar year 2008. Water Supply Pgm., Baltimore, MD. 29p. Online at: [https://mde.maryland.gov/programs/Water/water\\_supply/Documents/www.mde.state.md.us/assets/document/WSP-ACR2009for2008.pdf](https://mde.maryland.gov/programs/Water/water_supply/Documents/www.mde.state.md.us/assets/document/WSP-ACR2009for2008.pdf)
- Maryland Department of the Environment. 2010 Integrated Report. Baltimore. Online at [https://mde.maryland.gov/programs/Water/TMDL/Integrated303dReports/Pages/Final\\_approved\\_2010\\_ir.aspx](https://mde.maryland.gov/programs/Water/TMDL/Integrated303dReports/Pages/Final_approved_2010_ir.aspx)
- Maryland Department of the Environment. 2011. Maryland nonpoint source program 2010 annual report. Science Services Admin., Baltimore, MD 41p. + appendices. Online at: <https://mde.maryland.gov/programs/Water/319NonPointSource/Documents/AnnualReports/2010%20MD%20Annual%20Rpt%2020110224.pdf>
- Maryland Department of the Environment. 2012 Integrated Report. Baltimore. Online at [https://mde.maryland.gov/programs/Water/TMDL/Integrated303dReports/Pages/2012\\_IR.aspx](https://mde.maryland.gov/programs/Water/TMDL/Integrated303dReports/Pages/2012_IR.aspx)
- Maryland Department of the Environment. July 2013. FY13 Groundwater Protection Program: Annual Report to the Maryland General Assembly. Baltimore, MD. Online at: [https://mde.maryland.gov/programs/Water/water\\_supply/Source\\_Water\\_Assessment\\_Program/Documents/FINAL\\_GWR%20report\\_1\\_2013%203.pdf](https://mde.maryland.gov/programs/Water/water_supply/Source_Water_Assessment_Program/Documents/FINAL_GWR%20report_1_2013%203.pdf)

- Maryland Department of the Environment. 2014. Maryland 319 Nonpoint Source Program 2013 Annual Report. Science Services Admin., Baltimore, MD 37p. + appendices. Online at: [https://mde.maryland.gov/programs/Water/319NonPointSource/Documents/AnnualReports/2014\\_MD\\_Annual\\_Rpt\\_FINAL\\_20150513.pdf](https://mde.maryland.gov/programs/Water/319NonPointSource/Documents/AnnualReports/2014_MD_Annual_Rpt_FINAL_20150513.pdf)
- Maryland Department of the Environment. 2014 Integrated Report. Baltimore. Online at <https://mde.maryland.gov/programs/Water/TMDL/Integrated303dReports/Pages/2014IR.aspx>.
- Maryland Department of the Environment. 2016 The Heron: Maryland Department of the Environment's Monthly Newsletter. March 2016 Issue. Baltimore.
- Maryland Department of the Environment. 2016 Bay Restoration Fund. Baltimore. Accessed on October 3, 2016. Online at: <https://mde.maryland.gov/programs/Water/BayRestorationFund/Pages/Index.aspx>.
- Maryland Department of the Environment. 2016 Bay Restoration Fund: Wastewater Treatment Plants Enhanced Nutrient Removal Upgrade. Baltimore. Accessed on October 3, 2016. Online at: [https://mde.maryland.gov/programs/Water/BayRestorationFund/Pages/wwtp\\_enr\\_upgrade.aspx](https://mde.maryland.gov/programs/Water/BayRestorationFund/Pages/wwtp_enr_upgrade.aspx).
- Maryland Department of the Environment. Dec 2016. Historical and Projected Chesapeake Bay Restoration Spending: A Report to the Maryland General Assembly pursuant to the 2016 Joint Chairman's Report- Page 184. Online at [https://mde.maryland.gov/programs/Water/TMDL/TMDLImplementation/Documents/Webinars/April\\_25\\_2017/MD\\_Section\\_38\\_Cover\\_Letter-Complete\\_Report\\_12.2.16.pdf](https://mde.maryland.gov/programs/Water/TMDL/TMDLImplementation/Documents/Webinars/April_25_2017/MD_Section_38_Cover_Letter-Complete_Report_12.2.16.pdf)
- Maryland Department of the Environment. 2016 Integrated Report. Baltimore. Online at <https://mde.maryland.gov/programs/Water/TMDL/Integrated303dReports/Pages/2016IR.aspx>.
- Maryland Department of the Environment. 2017. Safe Drinking Water Act Annual Compliance Report for Calendar Year 2017. Water Supply Pgm., Baltimore. 22p. Online at: [https://mde.maryland.gov/programs/Water/water\\_supply/Documents/PWS/ACRs/WSP-ACR-CY2017.pdf](https://mde.maryland.gov/programs/Water/water_supply/Documents/PWS/ACRs/WSP-ACR-CY2017.pdf)
- Maryland Department of the Environment. 2018. Fish consumption advisories. Online at: <https://mde.maryland.gov/programs/Marylander/fishandshellfish/Pages/fishconsumptionadvisory.aspx>.
- Maryland Department of the Environment. 2018. Water Programs. Baltimore. Online at: <https://mde.maryland.gov/programs/Water/Pages/index.aspx>.
- Maryland Department of the Environment. 2019. Maryland's 2019 Chesapeake Bay Annual Progress. Online at: <https://storymaps.arcgis.com/stories/234759335b7249d88442a7bff53a8784>
- Maryland Department of Natural Resources (DNR). 1987. The quantity and natural quality of ground water in Maryland. 2nd. ed. Water Resources Admin., Annapolis. 150 p.

- Maryland Department of Natural Resources (DNR). 1998. 1998 Maryland Section 305(b) water quality report. Resource Assessment Service, Annapolis. 108 p.
- Maryland Department of Natural Resources (DNR). 2000. 2000 Maryland 305(b) report. Resource Assessment Serv., Annapolis. 200p. + appendix.
- Maryland Department of Natural Resources (DNR). 2001. Land areas, inland-water areas, and length of shorelines of Maryland's counties. MD Geological Survey, Baltimore. Fact sheet series FS-2. Online at: [https://www.mgs.md.gov/geology/areas\\_and\\_lengths.html](https://www.mgs.md.gov/geology/areas_and_lengths.html)
- Maryland Department of Natural Resources (DNR). 2004. State of the Maryland Coastal Bays, Annapolis. 48p. Online at: [https://ian.umces.edu/press/reports/publication/48/state\\_of\\_the\\_maryland\\_coastal\\_bays\\_2004\\_2004-08-16/](https://ian.umces.edu/press/reports/publication/48/state_of_the_maryland_coastal_bays_2004_2004-08-16/)
- Maryland Department of Natural Resources (DNR). 2014. Chesapeake and Atlantic Coastal Bays Trust
- Maryland Department of Natural Resources (DNR). 2016. Chesapeake and Atlantic Coastal Bays Trust Fund: 2016 Annual Report. Annapolis, Maryland. Publication Date: January 2016. [https://dnr.maryland.gov/ccs/Publication/TrustFund\\_WP2015-YearSeven\\_FY15\\_FY16.pdf](https://dnr.maryland.gov/ccs/Publication/TrustFund_WP2015-YearSeven_FY15_FY16.pdf)
- Maryland Smart, Green, and Growing. Accessed April 2014. BayStat: Tracking Chesapeake Bay Restoration. Online at: <https://www.baystat.maryland.gov/>.
- Maryland Smart, Green, and Growing. Accessed August 2014. Wetland Genuine Progress Indicator: Cost of Net Wetland Change. Personal Communication with Denise Clearwater. Online at: <https://dnr.maryland.gov/mdgpi/Pages/default.aspx>.
- Moyer, D.L., Hirsch, R.M., and Hyer, K.E., 2012, Comparison of two regression-based approaches for determining nutrient and sediment fluxes and trends in the Chesapeake Bay watershed: U.S. Geological Survey Scientific Investigations Report 2012-5244, 118 p., Online at: <https://pubs.usgs.gov/sir/2012/5244/>.
- Murphy, R. and E. Perry. 2018. Draft: Methods for Application of Generalized Additive Models (GAMs) for Water Quality Trends in Tidal Waters of Chesapeake Bay. Online at: [https://www.chesapeakebay.net/groups/group/integrated\\_trends\\_analysis\\_team](https://www.chesapeakebay.net/groups/group/integrated_trends_analysis_team)
- Murphy, R.R., E. Perry, J. Harcum, J. Keisman. 2019. A Generalized Additive Model approach to evaluating water quality: Chesapeake Bay case study. Environmental Modeling and Software 118:1-13. <https://doi.org/10.1016/j.envsoft.2019.03.027>
- National Oceanic and Atmospheric Administration, Maryland Department of Natural Resources, Maryland Department of the Environment, and U.S. Fish and Wildlife Service. 2002. Final Restoration Plan and Environmental Assessment for the April 7, 2000 Oil Spill at Chalk Point on

the Patuxent River, Maryland. Silver Spring, MD. Online at: [www.gc.noaa.gov/gc-rp/cp2107.pdf](http://www.gc.noaa.gov/gc-rp/cp2107.pdf).

National Oceanic and Atmospheric Administration, 2007. Effects of nutrient enrichment in the Nation's estuaries: A decade of change, National Estuarine Eutrophication Assessment update. US Dept. Commerce, Washington, DC. Online at: <https://yosemite.epa.gov>

Rice, K. C., & Jastram, J. D. (2014). Rising air and stream-water temperatures in Chesapeake Bay region, USA. *Climatic Change*, 128(1-2), 127-138. Retrieved June 10, 2019, from <https://link.springer.com/article/10.1007/s10584-014-1295-9>.

Rose, J. B., Epstein, P. R., Lipp, E. K., Sherman, B. H., Bernard, S. M., & Patz, J. A. (2001). Climate variability and change in the United States: Potential impacts on water- and foodborne diseases caused by microbiologic agents. *Environmental Health Perspectives*, 109(2), 211-221. Retrieved

Roth, Nancy E. 2003. Stream reach lengths by sub-watershed. Pers. comm. (e-mail/attached spreadsheet file). Versar, Inc., Columbia, MD. 135

Smith, V. Kerry (Vincent Kerry) & Desvousges, William H. (1986). *Measuring water quality benefits*. Kluwer-Nijhoff Pub. ; Norwell, MA : Distributors for the U.S. and Canada, Kluwer Academic Publishers, Boston

Southerland, M.T., Rogers, G.M., Kline, M.J., Morgan, R.P., Boward, D.M., Kazyak, P.F., Klauda, R.J., Stranko, S.A. 2005. New Biological Indicators to Better Assess the Conditions of Maryland Streams. Prepared for the Maryland Department of Natural Resources. Annapolis, MD. 52p. + appendices.

Tiner, Ralph W., Jr. and David G. Burke. 1995. Wetlands of Maryland. U.S. Fish and Wildlife Service, Ecological Services, Region 5, Hadley, MA and MD Dept. Natural Resources, Annapolis. Cooperative publication. 193 p.

United States, Environmental Protection Agency, Chesapeake Bay Program. (2010, October). *Quality Management Plan for the Chesapeake Bay Program Office*. Retrieved from [https://www.chesapeakebay.net/content/publications/cbp\\_59047.pdf](https://www.chesapeakebay.net/content/publications/cbp_59047.pdf)

United States Federal Government. (2019, June 5). Code of Federal Regulations. Retrieved from <https://www.ecfr.gov/cgi-bin/ECFR?page=browse>

U.S. Census Bureau. 2010. State and County Quick Facts. Census 2010. Online at: <https://www.census.gov/quickfacts/table/PST045216/00>.

U.S. Centers for Disease Control and Prevention. 1997. Case definitions for infectious conditions under public health surveillance. *Morbidity and Mortality Weekly Rev* 1997;46(No. RR-10): i-ii. Online at: <https://www.cdc.gov/mmwr/preview/mmwrhtml/00047449.htm>.

- U.S. Department of the Interior, Fish and Wildlife Service, and U.S. Department of Commerce, Bureau of the Census. 1996 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. <https://www.census.gov/prod/3/98pubs/mdfhw698.pdf>
- US Environmental Protection Agency. 1983. Chesapeake Bay Program: Findings and recommendations. Region 3, Philadelphia, PA. 48p.
- US Environmental Protection Agency. 1991. Total state waters: Estimating river miles and lake acreages for the 1992 water quality assessments. Office of Water, Washington, DC. 42p.
- US Environmental Protection Agency. 1997a. Guidelines for preparation of the comprehensive state water quality assessments (305(b) reports) and electronic updates: Report contents and supplemental volumes. Office of Water, Washington, DC. EPA 841-B-97-002A and -002B.
- US Environmental Protection Agency. 1997b. Mid-Atlantic Landscape atlas. Region III, Philadelphia, PA. Online at: [https://archive.epa.gov/emap/archive-emap/web/html/ma\\_atlas.html](https://archive.epa.gov/emap/archive-emap/web/html/ma_atlas.html)
- US Environmental Protection Agency. 1998. Guidance on Use of Clean Water Act and Safe Drinking Water Act Authorities to Address Management Needs for Lakes and Reservoirs. US Environmental Protection Agency, Office of Wetlands, Oceans and Watersheds. [https://www.epa.gov/sites/production/files/2015-09/documents/guidance\\_on\\_use\\_of\\_clean\\_water\\_act\\_and\\_safe\\_drinking\\_water\\_act\\_authorities\\_to\\_address\\_management\\_needs\\_for\\_lakes\\_and\\_reservoirs.pdf](https://www.epa.gov/sites/production/files/2015-09/documents/guidance_on_use_of_clean_water_act_and_safe_drinking_water_act_authorities_to_address_management_needs_for_lakes_and_reservoirs.pdf)
- US Environmental Protection Agency. 1998. Lake and reservoir bioassessment and biocriteria. Technical guidance document. Office of Water, Washington, DC (EPA 841-B-98-007). Online at: <https://nepis.epa.gov/Exe/ZyNET.exe/20004ODM.TXT?ZyActionD=ZyDocument&Client=EPA&Index=1995+Thru+1999&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5Czyfiles%5CIndex%20Data%5C95thru99%5CTxt%5C00000012%5C20004ODM.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL>
- US Environmental Protection Agency. 2002a. Guidance for Quality Assurance Project Plans. EPA/240/R-02/009, Washington, D.C. Online at: <https://www.epa.gov/quality/guidance-quality-assurance-project-plans-epa-qag-5>.
- US Environmental Protection Agency. 2002b. National Beach Guidance and Required Performance Criteria for Grants. EPA-823-B-02-004, Washington, D.C.
- US Environmental Protection Agency. 2003. Ambient water quality criteria for dissolved oxygen, water clarity and chlorophyll a for the Chesapeake Bay and its tidal tributaries. Region III, Chesapeake



Bay Pgm Office and Water Protection Div., Philadelphia, PA. EPA 903-R-03-002. 231p. + appendices.

- US Environmental Protection Agency. 2004. Backgrounder for the 2004 FDA/EPA consumer advisory: What you need to know about mercury in fish and shellfish. Office of Water, Washington, DC. EPA-823-F-04- 008. Online  
at:<https://nepis.epa.gov/Exe/ZyNET.exe/P1009KJV.TXT?ZyActionD=ZyDocument&Client=EP A&Index=2000+Thru+2005&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5Czyfiles%5CIndex%20Data%5C00thru05%5CTxt%5C00000026%5CP1009KJV.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL>
- US Environmental Protection Agency. 2004. Chesapeake Bay Program analytical segmentation scheme: Revisions, decisions and rationales, 1983-2003. Chesapeake Bay Program, Tidal Monitoring and Analysis Workgroup, Annapolis, MD. EPA 903-R-04-008. 30p. + appendices.
- US Environmental Protection Agency. 2005. National water program guidance: Fiscal Year 2006. Office of Water, Washington, DC. 60p. + appendices.  
<https://www.epa.gov/sites/production/files/2017-09/documents/fy18-19-ow-npm-guidance.pdf>
- US Environmental Protection Agency. 2007. Ambient Water Quality Criteria for Dissolved Oxygen, Water Clarity and Chlorophyll a for the Chesapeake Bay and Its Tidal Tributaries–2007 Addendum. EPA 903-R-07-003. CBP/TRS 285-07. Region III Chesapeake Bay Program Office, Annapolis, Maryland.
- US Environmental Protection Agency. 2008. Ambient Water Quality Criteria for Dissolved Oxygen, Water Clarity and Chlorophyll a for the Chesapeake Bay and Its Tidal Tributaries: 2008 Criteria Assessment Protocols Addendum. June 2008 - EPA Doc # CBP/TRS-290-08 903-R-08-001
- US Environmental Protection Agency. 2010. Chesapeake Bay Total Maximum Daily Load for Nitrogen, Phosphorus, and Sediment. US Environmental Protection Agency, Chesapeake Bay Program: Annapolis, MD.
- US Environmental Protection Agency. 2017. EPA Interim Evaluation of Maryland’s 2016-2017 Milestones. June 30, 2017. Accessed: January 29, 2018. Online at:  
[https://www.epa.gov/sites/production/files/2017-06/documents/md\\_interim\\_2016\\_2017\\_milestone\\_eval\\_20170630\\_0.pdf](https://www.epa.gov/sites/production/files/2017-06/documents/md_interim_2016_2017_milestone_eval_20170630_0.pdf).
- US Geological Survey. (2016). Methods of Data Compilation and Analysis: How Does the WRTDS Model Work?. Retrieved June 14, 2019, from <https://cbrim.er.usgs.gov/methods.html>

US Geological Survey. 2017. Water Quality Loads and Trends at Nontidal Monitoring Stations in the Chesapeake Bay Watershed: Summary of Nitrogen, Phosphorus, and Suspended-Sediment Loads and Trends Measured at the Chesapeake Bay Nontidal Network Stations: Water Year 2016 Update, Online at: <https://cbrim.er.usgs.gov/summary.html>.

Wazniak, Catherine E., Matthew R. Hall, Tim J.B. Carruthers, Brian Sturgis, William C. Dennison, and Robert J. Orth. 2007. Linking water quality to living resources in a Mid-Atlantic lagoon system, USA. *Ecol. Appl.* 17(5) Supplement. p. S64-S78.

Wheeler, Judith C. 2002. Personal communications. US Geol. Survey, Annapolis, MD

Wheeler, Judith C. and Lillian B. Maclin. 1988. Maryland and the District of Columbia ground-water quality, pp. 287-296. In: National water summary 1986: Ground-water quality. U.S. Geological Survey, Reston, VA. USGS Water Supply Paper 2325.