

References

- Bash, J.O., D. R. Miller, T.H. Meyer, and P.A. Bresnahan. 2004. Northeast United States and southeast Canada natural mercury emissions estimated with a surface emission model, *Atmospheric Environment*, 38(33):2683-5692.
- Bergan, T. L. Gallardo, and H. Rodhe. 1999. Mercury in the global troposphere: a three-dimensional model study. *Atmospheric Environment*, 33(10):1575-1585.
- Bigelow, D.S. 1984. *NADP/NTN Instruction Manual: Site Selection and Installation*. National Atmospheric Deposition Program, NADP Coordination Office, Illinois State Water Survey, Champaign, IL.
- Bloom, N. S and E. A. Crecelius. 1983. Determination of mercury in seawater at sub-nanogram per liter levels. *Marine Chemistry*, 14: 49-59.
- Bullock, Jr., O.R., W. G. Benjey and M.H. Keating. 1997. Modeling of Regional Scale Atmospheric Mercury Transport and Deposition Using RELMAP. Atmospheric Deposition of Contaminants to the Great Lakes and Coastal Waters. *Science of the Total Environment*.
- Driscoll, C.T., V. Blette, C. Yan, C.L. Schofield, R. Munson, and J. Holsapple. 1995. The role of dissolved organic matter in the chemistry and bioavailability of mercury in remote Adirondack Lakes. *Water, Air, and Soil Pollution*, 80:499-508.
- Eder, B.K., D.H. Coventry, T.L. Clark, and C.E. Bollinger. 1986. RELMAP: A Regional Lagrangian Model of Air Pollution - User Guide. Project Report, EPA/600/8-86/013. U.S. EPA, Research Triangle Park, NC.
- EUEC. 2005. Proceedings, 8th Annual Electric Utility Environmental Conference on Clean Air, Mercury, Global Warming, and Renewable Resources. Westin La Palomo Resort, January, 2005. Tucson, AZ.
- Fitzgerald, W.F. and R.P. Mason. 1996. The Global Mercury Cycle: Oceanic and Anthropogenic Aspects. In: Baeyens, W., R. Ebinghaus, and O. Vasiliev, eds., *Global and Regional Mercury Cycles: Sources, Fluxes and Mass Balances*, pp. 85-108.
- Harding, R.L. 1976. Multiquadric equations of topography and other irregular surfaces, *Journal Geophysical Research*, 76:1905-1915.
- Jackson, T.A. 1997. Long-range atmospheric transport of mercury to ecosystems, and the importance of anthropogenic emissions - A critical review and evaluation of the published evidence. *Environmental Reviews*, 5(2): 99-120.

- Lamb, D. and V. C. Bowersox. 2000. The National Atmospheric Deposition Program: An overview. *Atmospheric Environment*, 34(11):1661-1665.
- Lamborg, C. H., W. F. Fitzgerald, G. M. Vandal, and K. R. Rolfhus. 1995. Atmospheric mercury in northern Wisconsin: Sources and species, *Water, Air, and Soil Pollution*, 80:189-198.
- Lamborg, C.H., W.F. Fitzgerald, W.F., A.W.H. Damman, J.M. Benoit, P.H. Balcom and D.R. Engstrom. 2002. Contemporary and historical eolian depositional fluxes of mercury: Archival records in ombrotrophic bogs and lake sediments from Nova Scotia and New Zealand. *Global Biogeochemical Cycles*, 16(4):1104-1120 DOI: 10.1029/2001GB001847.
- Liang, L. and N.S. Bloom. 1993. Determination of mercury by single-stage gold amalgamation with cold vapour spectrometric detection, *Journal of Analytical Atomic Spectrometry*, 8: 591-599.
- Lindberg, S.E., T.P. Meyers, G.E. Taylor, R.R. Turner, and W.H. Schroeder. 1992. Atmosphere-surface exchange of mercury in a forest: Results of modeling and gradient approaches, *J. Geophysical Research*, 97:2519-2528.
- Lindberg, S.E., P.J. Hanson, T.P. Meyers, and K.H. Kim. 1998. Air/surface exchange of mercury vapor over forests - The need for a reassessment of continental biogenic emissions, *Atmospheric Environment*, 32(5):895-908.
- Mason, R.P., W.F. Fitzgerald, and F.M.M. Morel. 1994. The biogeochemical cycling of elemental mercury: Anthropogenic influences, *Geochimica et Cosmochimica Acta*, 58(15):3191-3198.
- Mason, R. P. N. M. Lawson, and K. A. Sullivan. 1997. The concentration, speciation and sources of mercury in Chesapeake Bay precipitation, *Atmospheric Environment*, 31:3541-3550.
- Mason, R. P., N. M. Lawson, and G. R. Sheu. 2000. Annual and seasonal trends in mercury deposition in Maryland, *Atmospheric Environment*, 34(11):1691-1701.
- Mason, R.P. and G. R. Sheu. 2002. Role of oceans in the global mercury cycle, *Global Biogeochemical Cycles*, 16(4):1093, doi: 10.1029/2001GBC0012440.
- National Atmospheric Deposition Program. 2005. Monitoring Mercury Deposition, NADP Coordination Office, Illinois State Water Survey, 2204 Griffith Drive, Champaign, IL 61820. NADP Brochure, 2005-01, 4 pp.
- National Research Council. 2000. *Toxicological Effects of Methylmercury*. Washington, DC. National Academy Press.
- National Wildlife Foundation. 1999. *Clean the Rain, Clean the Lakes: Mercury in Rain is Polluting the Great Lakes*. September 1999. Ann Arbor, MI. Available: <http://www.nwf.org>.

Nriagu, J. O. and J. M. Pacyna. 1988. Quantitative assessment of worldwide contamination of air, water and soils by trace metals. *Nature*, 333:134-139.

Pirrone, N., G.J. Keeler, and J. O. Nriagu. 1996. Regional differences in worldwide emissions of mercury to the atmosphere, *Atmospheric Environment*, 30(17):2981-2987.

Pyle, D.M. and T.A. Mather. 2003. The importance of volcanic emissions for the global mercury cycle, *Atmospheric Environment*, 37(36):5115-5124.

Scherbatskoy, T., J. M. Burke, A. W. Rea, and G. J. Keeler. 1997. Atmospheric Mercury Deposition and Cycling in the Lake Champlain Basin of Vermont. In: *Atmospheric Deposition of Contaminants to the Great Lakes and Coastal Waters*, Baker, J.E., Ed.; SETAC Technical Publication Series; SETAC Press, Pensacola, FL, pp. 245-258.

Schroeder, W. H. and J. Munthe. 1998. Atmospheric Mercury - An Overview, *Atmospheric Environment*, 32:809-822.

Seigneur, C., K. Lohman, P. Pai, K. Heim, D. Mitchell, and L. Levin. 1999. Uncertainty analysis of regional mercury exposure, *Water, Air, and Soil Pollution*, 112(1-2):151-162.

Seigneur, C., K. Lohman, K. Vijayaraghavan, and R.-L. Shia. 2003. Contribution of global and regional sources to mercury deposition in New York State, *Environmental Pollution*, 123(3):365-373.

Seigneur, C., K. Vijayaraghavan, K. Lohman, P. Karamchandani, and C. Scott. 2004. Global source attribution for mercury deposition in the United States, *Environmental Science and Technology*, 38(2):555-569.

U.S. Congress. 1990. Clean Air Act Amendments of 1990, Pub. Law #101-549, 42 U.S.C.7412.

U.S. Environmental Protection Agency. 1997. *Mercury Study Report to Congress (Volumes I-VIII)*. EPA, Office of Air Quality Planning and Standards and the Office of Research and Development, EPA-452/R-97-003 through EPA-452/R-97-010. December 1997. Washington, DC. Available: <http://www.epa.gov/oar/mercury.html>.

U.S. Environmental Protection Agency. 1997a. *Mercury Study Report to Congress, Volume I: Executive Summary*. EPA, Office of Air Quality Planning and Standards and the Office of Research and Development, EPA-452/R-97-003. Washington, D.C. 95 pp. Available: <http://www.epa.gov/ttn/oarpg/t3/reports/volume1.pdf>.

U.S. Environmental Protection Agency. 1997b. *Mercury Study Report to Congress, Volume II: An Inventory of Anthropogenic Emissions in the United States*. EPA, Office of Air Quality Planning and Standards and the Office of Research and Development, EPA-452/R-97-004. Washington, DC. 181 pp.

U.S. Environmental Protection Agency. 1997c. *Mercury Study Report to Congress, Volume III: Fate and Transport of Mercury in the Environment*. EPA, Office of Air Quality Planning and Standards and the Office of Research and Development, EPA-452/R-97-005. Washington, DC. 376 pp.

U.S. Environmental Protection Agency. 1997d. *Mercury Study Report to Congress, Volume IV: An Assessment of Exposure to Mercury in the United States*. EPA, Office of Air Quality Planning and Standards and the Office of Research and Development, EPA-452/R-97-006. Washington, DC. 293 pp

U.S. Environmental Protection Agency. 1997e. *Mercury Study Report to Congress, Volume V: Health Effects of Mercury and Mercury Compounds*. EPA, Office of Air Quality Planning and Standards and the Office of Research and Development, EPA-452/R-97-007. Washington, D.C. 349 pp.

U.S. Environmental Protection Agency. 2000a. *Mercury Research Strategy*. EPA, Office of Research and Development, EPA/600/R-00/073. September 2000. Washington, DC. 77pp. Available: <http://www.epa.gov/ord/nrmrl/mercury/>.

U.S. Environmental Protection Agency. 2000b. *Deposition of Air Pollutants to the Great Waters: Third Report to Congress*. Office of Air Quality Planning and Standards. EPA-453/R-00-005. June 2000. Washington, DC. Available: <http://www.epa.gov/ttn/oarp/t3/reports/head>.

U.S. Environmental Protection Agency. 2004. National listing of fish advisories. EPA, Office of Water, EPA-823-F-04-016. 6 pp.

Varekamp, J.C. and P.R. Busek. 1988, Global mercury flux from volcanic and geothermal sources, *Applied Geochemistry*, 1, 65-73.

Vermette, S. J., S. E. Lindberg and N. S. Bloom. 1995. Field tests for a regional mercury deposition network - Sampling design and preliminary test results, *Atmospheric Environment*, 29:1247-1251.