

Numbered Contributions of the Upstate Freshwater Institute, Inc. (November 24, 2008)

270. Effler, S. W., A. R. Prestigiacomo, D. A. Matthews, R. K. Gelda and F. Peng. **2008**. Trophic state, tripton, pelagic versus near-shore, and modeling issues for Cayuga Lake, NY.
269. Effler, S. W., A. R. Prestigiacomo, D. A. Matthews, E. M. Michelanko and D. J. Hughes. **2008**. Partitioning phosphorus concentrations and loads in tributaries of recovering urban lake. *Lake and Reservoir Management* (in preparation).
268. Effler, S. W., S. M. O'Donnell and A. R. Prestigiacomo. **2008**. Metro's impact on nitrogen levels in Onondaga Lake, a 40-year record. (in preparation).
267. Hurteau, C., D. A. Matthews and S. W. Effler. **2008**. A retrospective analysis of solids deposition in Onondaga Lake, 1980-2007. (in preparation).
266. Prestigiacomo, A. R. and S. W. Effler. **2008**. Resolution of spatial patterns of water quality parameters in Onondaga Lake with rapid profiling instrumentation. (in preparation).
265. Matthews, D. A. and S. W. Effler. **2008**. Metro gets the P out: Early responses of Onondaga Lake to improved wastewater treatment. (in preparation).
264. Pierson, D. C., R. K. Gelda, S. W. Effler, D. M. O'Donnell and A. R. Prestigiacomo. **2008**. Use of automated monitoring to estimate the load of turbidity entering a drinking water reservoir. *Verh. Internat. Verein. Limnol.* 30(Part 1):113-116.
263. Peng, F., S. W. Effler, A. D. Weidemann and M. T. Auer. **2008**. Modeling light scattering in Lake Superior by a two-component approach. *Limnology and Oceanography* (in internal review).
262. Effler, S. W., R. K. Gelda, M. G. Perkins, F. Peng, N. G. Hairston and C. M. Kearns. **2008**. Patterns and modeling of the long-term optics record of Onondaga Lake, New York. *Fundamental and Applied Limnology* 172/3(August):217-237.
261. Gelda, R. K., S. W. Effler, F. Peng, E. M. Owens and D. C. Pierson. **2008**. A turbidity model for Ashokan Reservoir, NY. *Journal of Water Resources Planning and Management ASCE* (in review).
260. Perkins, M. G., S. W. Effler, C. Strait and L. Zhang. **2008**. Light Absorbing components in the Finger Lakes of New York. *Fundamental and Applied Limnology* (in review).
259. Owens, E. M., R. Bookman, S. W. Effler, C. T. Driscoll, D. A. Matthews and A. J. P. Effler. **2008**. Resuspension of mercury contaminated sediments from in-lake industrial deposits. *Journal of Environmental Engineering Division ASCE* (in review).
258. Peng, F., S. W. Effler, D. Pierson and D. G. Smith. **2008**. Light-scattering features of turbidity-causing particles in interconnected reservoir basins and an intervening stream. *Water Resources Research* (in revision).
257. Gons, H. J., M. T. Auer and S. W. Effler. **2008**. MERIS satellite chlorophyll mapping of oligotrophic and eutrophic waters in the Laurentian Great Lakes. *Hydrobiologia* (in review).
256. Effler, S. W., E. M. Owens, D. A. Matthews, S. M. O'Donnell and J. M. Hassett. **2008**. Effects of discharge of spent cooling water from an oligotrophic lake to a polluted eutrophic lake. *Journal of Water Resources Planning and Management ASCE*
255. Prestigiacomo, A. R., S. W. Effler and D. A. Matthews. **2008**. Nitrate and bisulfide patterns in Onondaga Lake, New York, following implementation of nitrification treatment. *Water Environment Research* (in review).
254. Bookman, R., C. T. Driscoll, D. R. Engstrom and S. W. Effler. **2008**. Local to regional emission sources affecting mercury fluxes to New York Lakes. *Atmospheric Environment* 42(24):6088-6097.
253. Gelda, R. K. and S. W. Effler. **2008**. Probabilistic model for temperature and turbidity in a reservoir withdrawal. *Lake and Reservoir Management* 24(3):219-230.
252. Bookman, R., C. T. Driscoll, D. R. Engstrom and S. W. Effler. **2008**. Mercury fluxes to New York lakes inferred from lead-210 dated sediment cores. *Environmental Science and Technology* (in review).
251. Peng, F., S. W. Effler, D. M. O'Donnell, M. G. Perkins and A. D. Weidemann. **2007**. Role of minerogenic particles in light scattering in lakes and a river in Central New York. *Applied Optics* 46(26):6577-6594.
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- minerogenic particles in a stream during runoff events. *Journal of Environmental Engineering Division ASCE* 133(9):931-940.
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237. Prestigiacomo, A. R., S. W. Effler, D. M. O'Donnell, J. M. Hassett, E. M. Michelanko, Z. Lee and A. D. Weidemann. **2007**. Turbidity and suspended solids levels and loads in a sediment enriched stream: implications for impacted lotic and lentic ecosystems. *Lake and Reservoir Management* 23:231-244.
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232. Owens, E. M. and S. W. Effler. **2008**. A three-dimensional model of plunging inflow to a reservoir. (accepted).
231. Matthews, D. A. and S. W. Effler. **2006**. Long-term assessment of the oxygen resources of a recovering urban lake, Onondaga Lake, NY. *Lake and Reservoir Management* 22:19-32.
230. Effler, S. W., A. Prestigiacomo, F. Peng, K. B. Bulygina and D. G. Smith. **2006**. Resolution of turbidity patterns from runoff events in a water supply reservoir, and the advantages of in situ beam attenuation measurements. *Lake and Reservoir Management* 22(1):79-93.
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