

**Matt F. Simcik**

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**Research Interests**

Fate and transport of organic contaminants in the atmosphere and aquatic systems, including source apportionment of non-point source pollution, and air-water exchange.

**Education**

Bachelor of Science, Chemistry, Michigan State University, 1992  
Master of Science, Civil Engineering, University of Minnesota, 1994  
Doctor of Philosophy, Environmental Science, Rutgers University, 1998

**Professional Experience**

Research Assistant, Environmental Science Department, Rutgers University, 1996 – 1997  
Post-Doctoral Researcher, School of Public and Environmental Affairs and Department of Chemistry, Indiana University, 1997 – 1999  
Assistant Professor, Environmental Chemistry, Division of Environmental and Occupational Health, University of Minnesota August 1999 – Present

**Publications**

- Matt F. Simcik, Raymond M. Hoff, William M. J. Strachan, Clyde W. Sweet, Ilora Basu, Ronald A. Hites. 2000. Temporal Trends in Semi-volatile Organic Contaminant Concentrations in Great Lakes Precipitation *Environmental Science & Technology* 34: 361-367.
- Matt F. Simcik, Steven J. Eisenreich, Paul J. Liroy. 1999. Source apportionment and source/sink relationships of PAHs in the coastal atmosphere of Chicago and Lake Michigan. *Atmospheric Environment* 33:5071-5079.
- A. G. Carlton, B. J. Turpin, W. Johnson, B. Buckley, M. Simcik, S. Eisenreich, R. Porcja. 1999. Micro-Analytical Methods for Characterization of Personal Aerosol Exposures. *Aerosol Science and Technology* 31:66-80.
- Matt F. Simcik, Ilora Basu, Clyde W. Sweet, Ronald A. Hites. 1999. Temperature Dependence and Temporal Trends of Polychlorinated Biphenyl Congeners in the Great Lakes Atmosphere. submitted to *Environmental Science & Technology* 33:1991-1995.
- Matt F. Simcik, Ilora Basu, Clyde W. Sweet, Ronald A. Hites. 1998. Temporal and Spatial Trends of Gas Phase Polychlorinated Biphenyls in the Great Lakes Atmosphere. *Organohalogen Compounds* 39:71-75.

- Barbara R. Hillery, Matt F. Simcik, Ilora Basu, Raymond M. Hoff, Angela Bandemehr, William M. J. Strachan, C. H. Chan, Clyde W. Sweet, Ronald A. Hites. 1998. Atmospheric Deposition of Toxic Pollutants to the Great Lakes as Measured by the Integrated Atmospheric Deposition Network. *Environmental Science & Technology* 32:2216-2221.
- Matt F. Simcik, Huixiang Zhang, Steven J. Eisenreich, Thomas P. Franz. 1998. Gas-Particle Partitioning of PCBs and PAHs in the Chicago Urban and Adjacent Coastal Atmosphere: States of Equilibrium *Environmental Science & Technology* 32:251-257.
- Matt F. Simcik. 1998. Fate and Transport of Polychlorinated Biphenyls and Polycyclic Aromatic Hydrocarbons in Chicago/Lake Michigan. Ph.D. Thesis, Rutgers University,
- Matt F. Simcik, Huixiang Zhang, Steven J. Eisenreich, Thomas P. Franz. 1997. Urban Contamination of the Chicago/Coastal Lake Michigan Atmosphere by PCBs and PAHs during AEOLOS *Environmental Science & Technology* 31:2141-2147.
- Matt F. Simcik, Huixiang Zhang, Thomas P. Franz, Steven J. Eisenreich. 1997. Gas Particle Partitioning of PCBs and PAHs During AEOLOS: Sorption Mechanisms and Equilibrium. *Organohalogen Compounds* 33:264-269.
- Steven J. Eisenreich, Matt F. Simcik, Huixiang Zhang, Thomas P. Franz, Joel E. Baker, John H. Offenberg, Thomas Holsen, Alan Hoffmann. 1996. Enhanced Atmospheric Deposition of Particulate and Gaseous PCBs and PAHs to Southern Lake Michigan during AEOLOS. In: *Air and Waste Management Specialty Conference Proceedings: Atmospheric Deposition to the Great Waters*, Niagara Falls, NY October 28-30.
- Matt F. Simcik, Katherine A. Golden, Shi-Ping Liu, Steven J. Eisenreich, Elizabeth Lipiatou, Deborah L. Swackhamer, David T. Long. 1996. Atmospheric Loading of Polycyclic Aromatic Hydrocarbons to Lake Michigan as Recorded in the Sediments *Environmental Science & Technology* 30:3039-3046.
- Matt F. Simcik. 1994. Polycyclic Aromatic Hydrocarbons in Lake Michigan Sediments. Master of Science Thesis, University of Minnesota.