

DELTA GROUP Master PUBLICATIONS

(As of January 17, 2017)

- 16.2 Thomas A. Cahill, David E. Barnes, Jonathan A Lawton, Roger Miller, Nicholas Spada, Robert D. Willis and Sue Kimbrough, **Transition metals in coarse, fine, very fine and ultra-fine particles from an interstate highway transect near Detroit**, Atmospheric Environment (Sept, 2016)
- 16.1 Thomas A. Cahill, David E. Barnes, Leann Wuest, Sean Barberie, David Gribble, David Buscho, Jason Snyder, Roger S. Miller, and intern Camille De la Croix, **Artificial Ultra-fine Aerosol Tracers for Highway Transect Studies**, Atmospheric Environment 136, 21 – 42 (2016)
- 14.2 Sean R. Barberie, Christopher R. Iceman, Catherine F. Cahill, and Thomas M. Cahill, | **Evaluation of Different Synchrotron Beamline Configurations for X-ray Fluorescence Analysis of Environmental Samples**, Anal. Chem. 2014, 86, 8253–8260, Adx.doi.org/10.1021/ac5016535
- 14.1 Cahill, Thomas A., , David E. Barnes, Nicholas J. Spada, **Seasonal variability of ultra-fine metals downwind of a heavily traveled secondary road**, Atmospheric Environment 94 173 - 179 (2014)
- 13.3 Cahill, Thomas M., **Annual cycle of size-resolved organic aerosol characterization in an urbanized desert environment**, Atmos. Environ. 71, 226 – 233 (2013)
- 13.2 Baldauf, Richard, Greg McPherson, Linda Wheaton, Max Zhabg, Tom Cahill, Chad Bailey, Christina Hemphill-Fuller, Earl Withycombe, and Kori Titus, **Integrating Vegetation and Green Infrastructure into Sustainable Transportation Planning**, Transportation Research Bulletin, National Academy of Sciences (2013)
- 13-1 Cahill, Thomas M., and Thomas A. Cahill. **Seasonal variability of particle-associated organic compounds near a heavily traveled secondary road**. *Aerosol Science and Technology*, (2013) doi: 10.1080/02786826.2013.857757
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- 11-1 Thomas A. Cahill, David E. Barnes, Earl Withycombe, and Mitchell Watnik. **Very Fine and Ultra-Fine Metals and Ischemic Heart Disease in the California Central Valley 2: 1974 – 1991**. *Aerosol Science and Technology* 45:1135-1142 (2011) doi:

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- 11-2 Thomas A. Cahill, David E. Barnes, Nicholas J. Spada, Jonathan A. Lawton and Thomas M. Cahill. **Very Fine and Ultra-Fine Metals and Ischemic Heart Disease in the California Central Valley 1: 2003 – 2007.** *Aerosol Science and Technology* 45:1125-1134 (2011) doi:10.1080/02786826.2011.582194
- 11-3 Thomas A. Cahill, Thomas M. Cahill, David E. Barnes, Nicholas J. Spada and Roger Miller. **Inorganic and Organic Aerosols Downwind of California's Roseville Railyard.** *Aerosol Science and Technology* 45:1049-1059 (2011) doi:10.1080/02786826.2011.580796
- 10-1 Cahill, TM, Size-Resolved **Size-Resolved Organic Speciation of Wintertime Aerosols in California's Central Valley.** *Environmental Science and Technology* 44:2315 - 2321 (2010) doi 10.1021/es902936v
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