

Lung-Wen Antony Chen, Ph.D.

Selected publications:

(see <https://publons.com/researcher/1695116/lung-wen-antony-chen/> for a full list of publication)

Chen, L.-W. A., Chien, L.-C. Li, Y., Lin, Ge (2020). Nonuniform Impacts of COVID-19 Lockdown on Air Quality over the United States, *Science of the Total Environment*, in press.

Chien, L.-C., **Chen, L.-W. A.** (2020). Meteorological impacts on the incidence of COVID-19 in the US. *Stochastic Environmental Research and Risk Assessment*, in press.

Chen, L.-W. A., Olawepo, J., Bonanno, F., Gebreselassie, A., Zhang, M. (2020). Schoolchildren's exposure to PM_{2.5}: a student club based air quality monitoring campaign using low-cost sensors. *Air Quality, Atmosphere, and Health*, 13, 543–551.

Watson, J. G., Cao, J., **Chen, L.-W. A.**, Wang, X., Gronstal, S., Watts, A. C., et al. (2019). Gaseous, PM_{2.5} mass, and spectated emission factors from laboratory chamber peat combustion. *Atmospheric Chemistry and Physics*, 19, 14173–14193.

Chen, L.-W. A., Zhang, M., Liu, T., Fortier, K., Chow, J. C., Alonzo, F., et al. (2019). Evaluation of epifluorescence methods for quantifying bioaerosols in fine and coarse particulate air pollution. *Atmospheric Environment*, 213, 620–628.

Olawepo, J. O., **Chen, L.-W. A.** (2019). Health benefits from upgrading public buses for cleaner air: A case study of Clark County, Nevada and the United States. *International Journal of Environmental Research and Public Health*, 16, 720.

Chen, L.-W. A., Cao, J. (2018). PM_{2.5} Source Apportionment Using a Hybrid Environmental Receptor Model. *Environmental Science & Technology*, 52, 6357–6369.

Yatavelli, R. L., **Chen, L.-W. A.**, Knue, J., Samburova, V., Gyawali, M., Watts, A. C., et al. (2017). Emissions and partitioning of intermediate-volatility and semi-volatile polar organic compounds (I/SV-POCs). *Aerosol Science and Engineering*, 1(1), 25–32.

Tai, A. Y.-C., **Chen, L.-W. A.**, Wang, X., Chow, J. C., Watson, J. G. (2017). Atmospheric deposition of particles at a sensitive alpine lake: Size-segregated daily and annual fluxes from passive sampling techniques. *Science of The Total Environment*, 579, 1736–1744.

Han, Y. M., **Chen, L.-W. A.**, Huang, R.-j., Chow, J. C., Watson, J. G., Ni, H. Y., et al. (2016). Carbonaceous aerosols in megacity Xian, China: Implications of thermal/optical protocols comparison. *Atmospheric Environment*, 132, 58–68.

Chen, L.-W.A., Chow, J.C., Wang, X.L., Robles, J.A., Sumlin, B.J., Lowenthal, D.H., Zimmermann, R., Watson, J. G. (2015). Multi-wavelength optical measurement to enhance thermal/optical analysis for carbonaceous aerosol. *Atmospheric Measurement Techniques*, 8, 451-461.

Chen, L.-W.A., Verburg, P., Shackelford, A., Zhu, D., Susfalk, R., Chow, J.C., Watson, J.G. (2010). Moisture effects on carbon and nitrogen emission from burning of wildland biomass. *Atmospheric Chemistry & Physics*, 10, 6617-6625.