

John S. Kinsey, Environmental Scientist in EPA's National Risk Management Research Laboratory

Air and Energy Management Division

[Mailing Address](#)

Kinsey.John@epa.gov

Area of Expertise:

- Characterization and control of fine particulate matter (PM) emissions from commercial aircraft engines, residential biomass combustion, diesel trucks, and fugitive dust emissions from construction activities.
- Determination of mercury emissions from chlor-alkali plant cell buildings.

Selected Publications:

Kinsey, J. S., E. Corporan, J. Pavlovic, M. DeWitt, C. Klingshirn, and R. Logan. (2019). Comparison of measurement methods for the characterization of the black carbon emissions from a T-63 turboshaft engine burning conventional and Fischer-Tropsch fuels. Accepted by *Journal of the Air and Waste Management Association*.

Pavlovic, J., **J. S. Kinsey**, and M. D. Hays. (2014). [The influence of temperature calibration on the OC-EC results from a dual-optics thermal carbon analyzer](#). *Atmospheric Measurement Techniques*, 7:2829-2838.

Kinsey, J., A. Touati, T. Yelverton, J. Aurell, S. Cho, W. Linak, and B. Gullett. (2012). [Emissions Characterization of Residential Wood-Fired Hydronic Heater Technologies](#). *Atmospheric Environment*, 63:234-239.

Kinsey, J. S., M. T. Timko, S. C. Herndon, E. C. Wood, Z. Yu, R. C. Miake-Lye, P. Lobo, P. Whitefield, D. Hagen, C. Wey, B. E. Anderson, A. J. Beyersdorf, C. H. Hudgins, L. Thornhill, E. Winstead, R. Howard, D. I. Bulzan, K. B. Tacina, and B. Knighton. (2012). [Determination of the Emissions from an Aircraft Auxiliary Power Unit \(APU\) during the Alternative Aviation Fuel Experiment \(AAFEX\)](#). *Journal of the Air & Waste Management Association*, 62(4):420-430.

Kinsey, J. S., Y. Dong, C. Williams, and R. Logan. (2010). [Physical characterization of the fine particle emissions from commercial aircraft engines during the Aircraft Particle Emissions Experiment \(APEX\) 1 to 3](#). *Atmospheric Environment*, 44(17):2147-2156.

Kinsey, J. S., P. Kariher, and Y. Dong. (2009). [Evaluation of Methods for Physical Characterization of the Fine Particle Emissions from Two Residential Wood Combustion Appliances](#). *Atmospheric Environment*, 43(32):4959-4967.

View more publications by [John Kinsey](#).

Education:

- B.S., University of Central Missouri, Warrensburg, MO; Biology/Physical Science, 1971

Professional Experience:

Workgroups and Projects

- SAE E-31 Aircraft Engine Gas and Particulate Emissions Measurement Committee

Memberships and Committees

- Air and Waste Management Association
- American Association for Aerosol Research
- Society of Automotive Engineers
- Institute of Professional Environmental Practice: Qualified Environmental Professional (QEP) (1994-present)

Awards and Honors

- EPA Science Achievement Award, Aircraft Emissions Measurement (2016)
- EPA Bronze Medal: International Aircraft Team (2015)
- SAE Technical Standards Board Outstanding Achievement Award (2013)
- EPA Scientific and Technological Achievement Award, Level III, (2012)
- EPA Bronze Medal: Near Roadway Research Team (2008)

Patents

- Apparatus for Smoke Suppression (1988)
- Apparatus to Produce Charged Fog (1989)