

## BEIS References

These references cover publications after 1992. This is a sample and other references may be available. Note that Fehsenfeld et al. (1992) provide a nice overview of research up until about 1992.

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Fehsenfeld, F., J. Calvert, R. Fall, P. Goldan, A. Guenther, C. Hewitt, B. Lamb, S. Liu, M. Trainer, H. Westberg, and P. Zimmerman (1992), *Emissions of volatile organic compounds from vegetation and their implications for atmospheric chemistry*, *Global Biogeochemical Cycles*, vol. 6, pp. 389-430.

Geron, C., A. Guenther, and T. Pierce (1994), *An improved model for estimating emissions of volatile organic compounds from forests in the eastern United States*, *Journal of Geophysical Research*, vol. 99, pp. 12773-12791.

Guenther, A., P. Zimmerman, P. Harley, R. Monson, and R. Fall (1993), *Isoprene and monoterpene emission rate variability: model evaluations and sensitivity analyses*, *Journal of Geophysical Research*, vol. 98, pp. 12609-12617.

Lamb, B., E. Allwin, S. Dilts, H. Westberg, T. Pierce, C. Geron, D. Baldocchi, A. Guenther, L. Klinger, P. Harley, and P. Zimmerman (1995), *Evaluation of forest canopy models for estimating isoprene emissions*, *Proceedings of the Conference on Regional Photochemical Measurement and Modeling Studies*, Air and Waste Management Association, pp. 456-469.

Pierce, T., B. Lamb, and A. Van Meter (1990), *Development of a biogenic emissions inventory system for regional scale air pollution models*, *Proceedings 83<sup>rd</sup> Air and Waste Management Association Annual Meeting*, Pittsburgh, PA.

Pierce, T. and P. Waldruff (1991), *PC-BEIS: a personal computer version of the biogenic emissions inventory system*, *Journal Air and Waste Management Association*, vol. 41, pp. 937-941.

Pierce, T., C. Geron, L. Bender, R. Dennis, G. Tonnesen, and A. Guenther (1998), *Influence of increased isoprene emissions on regional ozone modeling*, *Journal of Geophysical Research*, Vol. 103, D19, pp. 25611-25629.

Pierce, T., and L. Bender (1999), [\*Examining the Temporal Variability of Ammonia and Nitric Oxide Emissions from Agricultural Processes \(slides\)\*](#), Presented at AWMA/EPA Emission Inventory Conference, Raleigh, NC, October 27, 1999.

Pouliot and Pierce (2009), *Integration of the Model of Emissions of Gases and Aerosols from Nature (MEGAN) into the CMAS Modeling System*, Presented at 18<sup>th</sup> Annual International Emission Inventory Conference, Baltimore, MD, April 14-17, 2009.

Wiedinmyer, C., et al. (2005), *Ozarks Isoprene Experiment (OZIE): Measurements and modeling of the "isoprene volcano"*, *Journal of Geophysical Research*, Vol. 110, D18307, doi:[10.1029/2005JD005800](https://doi.org/10.1029/2005JD005800).

Williams, E., A. Guenther, and F. Fehsenfeld (1992), *An inventory of nitric oxide emissions from soils in the United States*, *Journal of Geophysical Research*, Vol. 97, pp. 7511-7519.

Yienger, J.J. and Levy II, H. (1995), *Empirical model of global soil-biogenic NO<sub>x</sub> emissions*. *Journal of Geophysical Research: Atmospheres*, Vol 100, D6, pp. 11447-11464.