

Matt Woody, Physical Scientist, Post-Doctoral Researcher, in EPA's National Exposure Research Laboratory

Computational Exposure Division

[Mailing Address](#)

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Area of Expertise: Matt Woody has expertise in fine scale modeling, including dispersion models, regional air quality models, and plume-in-grid model approaches; and treatment and representation of organic aerosols in regional air quality models.

Select Publications:

Woody, M., Baker, K.R., Hayes, P.L., Jimenez, J.L., and Pye, H.O.T. (2016).
Understanding Sources of organic aerosol during CalNex-2010 using the
CMAQ-VBS. *Atmos. Chem. Phys. Disc.*, Vol. 16(6).

Woody, M., West, J.J., Jathar, S.H., Robinson, A.L, and Arunachalam, S. (2015).
Estimates of Non-traditional Secondary Organic Aerosols from Aircraft SVOC
and IVOC Emissions Using CMAQ. *Atmos. Chem. Phys.*, Vol. 15 (12).

View more research publications by [Matt Woody](#).

Education:

- Ph.D. in Environmental Sciences and Engineering, UNC Chapel Hill, NC, 2014
- M.S. in Environmental Sciences and Engineering, UNC Chapel Hill, NC, 2010
- B.S. in Environmental Science, UNC Chapel Hill, NC, 2003

Professional Experience:

- Post-Doctoral Researcher, USEPA/ORD/NERL/CED/AMAAB, RTP, NC, 2015 - Present
- Post-Doctoral Researcher, Institute for the Environment UNC Chapel Hill, NC, 2014-2015
- ORISE Fellow, USEPA/ORD/NERL, RTP, NC, 2014
- Graduate Research Assistant, UNC Chapel Hill, NC, 2009 – 2014

Honors and Awards:

- FAA/PARTNER Joseph A. Hartman Student Paper Competition: 1st Place (2013, 2010), 3rd Place (2012)