

Kathleen M. Fahey, Physical Scientist, in EPA's National Exposure Research Laboratory

Computational Exposure Division

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Area of Expertise: Kathleen Fahey has expertise in cloud/fog chemistry and microphysics, and air quality model development.

Select Publications:

Fahey, K. New framework for extending cloud chemistry in the Community Multiscale Air Quality (CMAQ) modeling. Invited seminar for the UNC Group on Atmospheric Science and Pollution, Chapel Hill, NC, April 22, 2016.

Bash, J., K. Fahey, AND H. Foroutan. CMAQv5.1 RELEASE NOTES. U.S. Environmental Protection Agency, Washington, DC, 2015.

Nolte, Chris, W. Appel, J. Kelly, P. Bhave, K. Fahey, J. Collett, Jr., L. Zhang, AND Jeff Young. Evaluation of the Community Multiscale Air Quality (CMAQ) modeling system against size-resolved measurements of inorganic particle composition across sites in North America. Geoscientific Model Development. Copernicus Publications, Katlenburg-Lindau, Germany, 8(9):2877-2892, (2015).

View more research publications by [Kathleen Fahey](#).

Education:

- B.S. in Chemical Engineering, Bucknell University, 1998
- Ph.D. in Chemical Engineering, Carnegie Mellon University 2003

Professional Experience:

- Physical Scientist, U.S. Environmental Protection Agency, Research Triangle Park, NC, March 2011 to present
- Environmental Analyst, Northeast States for Coordinated Air Use Management, Boston, MA, March 2008 to March 2011
- Air Resources Engineer, California Air Resources Board, Sacramento, CA, November 2005 to February 2008
- Postdoctoral Researcher, Centre d'Enseignement et de Recherche en Environnement Atmosphérique, Marne la Vallée, France, August 2003 – October 2005