

K. Wyatt Appel, Physical Scientist, in EPA's National Exposure Research Laboratory

Computational Exposure Division

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Area of Expertise:

Select Publications:

Seltzer, K., Chris Nolte, T. Spero, W. Appel, AND J. Xing. Evaluation of near surface ozone and particulate matter in air quality simulations driven by dynamically downscaled historical meteorological fields. *ATMOSPHERIC ENVIRONMENT*. Elsevier Science Ltd, New York, NY, 138:42-54, (2016).

Pleim, Jon, R. Gilliam, W. Appel, AND L. Ran. Recent Advances in Modeling of the Atmospheric Boundary Layer and Land Surface in the Coupled WRF-CMAQ Model. Chapter 64, *Air Pollution Modeling and its Application XXIV*. Springer International Publishing AG, Cham (ZG), Switzerland, 391-396, (2016).

Appel, W. The Use of Air Quality Models in U.S. EPA Research and Regulations. UVA Seminar Series, Charlottesville, VA, March 29, 2016.

View more research publications by [K. Wyatt Appel](#).

Education:

- B.S. Meteorology, North Carolina State University, 1999
- M.S. Atmospheric Science, North Carolina State University, 2001

Professional Experience:

- Physical Scientist, U.S. Environmental Protection Agency, Research Triangle Park, NC, 2004 – Present
- Meteorologist, North Carolina Division of Air Quality, Raleigh, NC, 2002 - 2004