



Aerosol-Cyclone Interactions

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We use convection permitting global aquaplanet simulations to explore the interaction between aerosol and mid-latitude cyclones. Based on model simulations we propose a hypothesis about how midlatitude cyclones will respond to increases in aerosol loading. In this talk, I will introduce the model results and describe how we tested it with a decade of satellite observations and a more focused period coinciding with the Icelandic volcanic eruption in 2014.

This seminar will be webcast live at:

<http://ucarconnect.ucar.edu/live>

Recorded seminar link can be viewed here:

<https://www.mmm.ucar.edu/events/seminars>

Thursday, 28 September 2017, 3:30 PM

Refreshments 3:15 PM

NCAR-Foothills Laboratory

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