



ATS/CIRA Colloquium

Gannet Hallar
from the University of Utah

Hosted by Paul DeMott

3 p.m. Thursday, April 28
ATS 101 or Microsoft Teams

Extreme Air Quality Events in a Changing Climate

How is climate change impacting extreme air quality events in the Western U.S.?

Over recent decades, wildfire activity across western North America has increased in concert with summertime air quality degradation. At the same time climate change and land use are altering the landscape of the U.S. Great Plains, producing increases in windblown dust. Our research uses satellite data combined with surface networks, coupled with modeling techniques, to demonstrate sources and trends in extreme air quality events. The goal is to elucidate air quality impacts resulting from climate change, and help improve future predictions.

Colloquia page: atmos.colostate.edu/colloquia