



NAWEA 2013 Symposium Boulder, CO

NORTH AMERICAN WIND ENERGY ACADEMY

Session Speaker

Julie Lundquist, University of Colorado, NREL

Influences of wind farms on regional and global climates



Prof. Lundquist leads an interdisciplinary research group in the Dept. of Atmospheric and Oceanic Sciences at the University of Colorado, with a joint appointment at the National Renewable Energy Laboratory. Her research group uses observational and computational approaches to understand atmospheric stability influences on turbine productivity, turbine wake dynamics, and downwind impacts of wind turbines and wind farms on local and regional meteorology. Her Ph.D. is in Astrophysical, Planetary, and Atmospheric Science from CU-Boulder. She studied English and Physics as an undergraduate at Trinity University. She has authored or co-authored over 30 refereed publications in scientific journals and over 100 conference presentations. In May 2013, she was honored to receive the Women of Wind Energy's "Rising Star" award in recognition of her efforts to enhance wind industry-academia collaborations.