

Dr Dan Lack is a research scientist with the National Oceanic and Atmospheric Administration's Earth System Research Laboratory in Boulder, Colorado. Dr. Lack works with NOAA-ESRL's Chemical Sciences Division, to study particle pollution -- specifically the role of black carbon, organic carbon and dust within the global climate system. His recent work has expanded into comprehensive characterization of black carbon and other particle emissions from commercial shipping, significantly expanding the scientific understanding of these emissions.

His most recent research paper on the subject triggered national and international policy discussions on shipping and air quality and is also acting to guide near-term research on shipping emissions.

Dan Lack earned a B.Sc in Applied Chemistry, a M.Sc in Geochemistry and PhD in Atmospheric Chemistry from the Queensland University of Technology, Australia incorporating collaborative partnerships with University of the Witwatersrand, South Africa and the National Center for Atmospheric Research, Colorado. When he is not researching ship emissions in land-locked Colorado he is climbing in the canyons and peaks of the Rockies.

