Dr. Carsten Warneke

NOAA Chemical Sciences Laboratory

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Professional Preparation:

University Utrecht, Netherlands	Post-doc, 1999 –2001	Dr. Jos Lelieveld
University of Innsbruck, Austria	Physics Ph.D., 1998	Prof. Werner Lindinger
University of Innsbruck, Austria	Physics M.S., 1996	Prof. Werner Lindinger

Appointments:

2020- NOAA Research Physicist

2019-2020 CIRES Senior Scientist

2009-2019 CIRES Research Scientist III

2004–2009 CIRES Research Scientist II

2002–2004 CIRES Research Scientist I

2001–2002 CIRES Visiting Fellow

Synergistic Activities:

- Group leader of the VOC group at NOAA Chemical Sciences Laboratory
- Atmospheric Emissions and Reactions Observed from Megacities to Marine Areas (AEROMMA): Principal Investigator
- Fire Influence on Regional and Global Environments (FIREX-AQ 2015-2019): Principal Investigator
- Shale Oil and Natural Gas Nexus (SONGNEX 2015): Coordinator
- Southeast Nexus Campaign (SENEX 2013): Coordinator
- JFSP FASMEE coordinating committee
- IGAC IBBI steering committee
- IGAC VOC workgroup member
- Governors Award for High Impact Science 2011: NOAA and CIRES Rapid-Response to Assess the Atmospheric Impact of the Deepwater Horizon Oil Spill
- CIRES Outstanding Science Award 2011: Outstanding work during the deployment to the Gulf of Mexico during the NOAA P-3 flight missing in June 2010
- Governors Award for High Impact Science 2014: Into the Air: Helping the public and policy makers understand the air quality and other atmospheric effects of oil and gas activities in Colorado, Utah, Wyoming and beyond.
- CIRES Outstanding Performance Award 2014: For mission leadership and research for the SENEX 2013.
- Honorable Mention Governors Award for High Impact Science 2018
- CIRES Outstanding Performance Award 2020: For exceptional leadership in advancing atmospheric fire science.

Publication statistics (Dec 2020):

ISI: 230 publications, h-index: 66, citations: >13,200, articles in Science, Nature, PNAS and Chemical Reviews