

**Dr. Carsten Warneke**

NOAA Earth Systems Research Laboratory, Chemical Sciences Division  
325 Broadway, Boulder, CO 80305, USA  
CIRES (Cooperative Institute for Research in Environmental Sciences)  
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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:**

**NOAA Earth Systems Research Laboratory, Chemical Sciences Division**  
**University of Colorado, Boulder, CIRES (Cooperative Institute for Research in Environmental Sciences)**  
2019- 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 Division
- 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 atmospheric research for the SENEX 2013 field study.
- Reviewer of proposals and manuscripts for NSF, DFG, SNF, NOAA, NASA, and various journals
- Honorable Mention Governors Award for High Impact Science 2018

**Publication statistics (Oct 2019):**

ISI: 224 publications, h-index: 61, citations: >11,700, articles in Science, Nature, PNAS and Chemical Reviews