

**Identifying Information**

Bon, Daniel

Program Manager, Energy and Public Health

**Organization and Location**

Carbon Mapper; Pasadena, CA, USA

**Professional Preparation**

University of Colorado, Boulder; Boulder, CO USA

Doctor of Philosophy; Aug 2004 – Aug 2011

Field of Study: Atmospheric & Analytical Chemistry

Western Washington University; Bellingham, WA USA

Master of Science; Aug 1995 – May 1999

Field of Study: Marine & Environmental Sciences

Carleton College; Northfield, MN USA

Bachelor of Arts; Aug 1986 – May 1990

Field of Study: Chemistry

**Appointments and Positions**

2023-Current

Program Manager, Energy and Public Health

Carbon Mapper

Pasadena, CA, USA

2021-2023

Air Toxics Measurement Group Supervisor

Colorado Department of Public Health and Environment

Denver, CO, USA

2016-2021

Mobile Laboratory Lead Investigator

Colorado Department of Public Health and Environment

Denver, CO, USA

2013-2016

Air Quality Planner

Colorado Department of Public Health and Environment

Denver, CO, USA

## Products

(1)

- a. Authors: Griffin J. Mead, Eleanor M. Waxman, Daniel Bon, Daniel I. Herman, Esther Baumann, Fabrizio R. Giorgetta, Jacob T. Friedlein, Gabriel Ycas, Nathan R. Newbury, Ian Coddington, Kevin C. Cossel
- b. Title: Open-path dual-comb spectroscopy of methane and VOC emissions from an unconventional oil well development in Northern Colorado, 2023.
- c. Date of Publication: 2023/06/01
- d. URL: <https://www.frontiersin.org/journals/chemistry/articles/10.3389/fchem.2023.1202255/full>
- e. DOI: <https://doi.org/10.3389/fchem.2023.1202255>

(2)

- a. Authors: Tami S. McMullin, Alison M. Bamber, Daniel Bon, Daniel I. Vigil, Michael Van Dyke
- b. Title: Exposures and Health Risks from Volatile Organic Compounds in Communities Located near Oil and Gas Exploration and Production Activities in Colorado (U.S.A.)
- c. Date of Publication: 2018/07/07
- d. URL: <https://www.mdpi.com/1660-4601/15/7/1500>
- e. DOI: <https://doi.org/10.3390/ijerph15071500>

(3)

- a. Authors: Frank Flocke, Gabriele Pfister, James H. Crawford, Kenneth E. Pickering, Gordon Pierce, Daniel Bon, Patrick Reddy
- b. Title: Air Quality in the Northern Colorado Front Range Metro Area: The Front Range Air Pollution and Photochemistry Experiment (FRAPPÉ), 2019
- c. Date of Publication: 2019/12/22
- d. URL: <https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2019JD031197>
- e. DOI: <https://doi.org/10.1029/2019JD031197>

(4)

- a. Authors: Natalie Kille, Randall Chiu, Matthias Frey, Frank Hase, Mahesh K. Sha, Thomas Blumenstock, James W. Hannigan, Johannes Orphal, Daniel Bon, Rainer Volkamer.
- b. Title: Separation of Methane Emissions From Agricultural and Natural Gas Sources in the Colorado Front Range, 2019
- c. Date of Publication: 2019/03/21
- d. URL: <https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2019GL082132>
- e. DOI: <https://doi.org/10.1029/2019GL082132>

(5)

- a. Authors: Amy Townsend-Small, E. Claire Botner, Kristine L. Jimenez, Jason R. Schroeder, Nicola J. Blake, Simone Meinardi, Donald R. Blake, Barkley C. Sive, Daniel Bon, James H. Crawford, Gabriele Pfister, Frank M. Flocke.
- b. Title: Using stable isotopes of hydrogen to quantify biogenic and thermogenic atmospheric methane sources: A case study from the Colorado Front Range
- c. Date of Publication: 2016/11/16
- d. URL: <https://agupubs.onlinelibrary.wiley.com/doi/10.1002/2016GL071438>
- e. DOI: <https://doi.org/10.1002/2016GL071438>

(6)

- a. Authors: D. M. Bon, J. A. de Gouw, C. Warneke, W. C. Kuster, M. L. Alexander, A. Baker, A. Beyersdorf, D. Blake, R. Fall, J. L. Jimenez, S. C. Herndon, L. G. Huey, W. B. Knighton, J. Ortega, S. Springston, I. M. Ulbrich, and O. Vargas
- b. Title: Measurements of Volatile Organic Compounds at a Suburban Ground Site (T1) in Mexico City during the MILAGRO 2006 Campaign: Measurement Comparison, Emission Ratios, and Source Attribution
- c. Date of Publication: 2010/10/08
- d. URL: <https://acp.copernicus.org/preprints/10/23229/2010/acpd-10-23229-2010.pdf>
- e. DOI: doi:10.5194/acpd-10-23229-2010