

**Water and Air Quality Issues in Oil and Gas Development:
The Evolving Framework of Regulation and Management**

June 5th-6th, 2014

University of Colorado Law School, Wolf Law Building, Wittemyer Courtroom

Martz Summer Conference Agenda

June 5th

8:00-8:45	Registration
8:45-9:00	Welcome Remarks
Session One: Setting the Stage Moderator: Douglas Kenney	
9:00-9:30	Framing the Discussion: Tackling Issues of Uncertainty, Terminology, and Sensitivity
Speaker:	Patty Limerick, University of Colorado
9:30-10:10	Oil and Gas Development from Shale: Engineering 101
Speaker:	Stuart Ellsworth, Colorado Oil and Gas Conservation Commission
10:10-10:40	Break
10:40-11:20	Introduction to the Regulatory Framework and the Jurisdictional Issues
Speaker:	Bruce Baizel, STRONGER and the Oil and Gas Accountability Project
11:20-Noon	Prerequisites to Earning the "Social License to Operate"
Moderator:	Britt Banks, Getches-Wilkinson Center
Panelists:	Kate Fay, Noble Energy Gary Graham, Western Resource Advocates Lance Astrella, Astrella Law P.C.
Noon-1:00	Lunch (Provided on site)
Session Two: Water Supply and Quality Moderator: Mark Squillace	
1:00-1:30	What We Know (and Don't Know) About Water Supply and Quality Impacts: Part 1, Water Quality
Speaker:	Joseph N. Ryan, University of Colorado
1:30-2:00	What We Know (and Don't Know) About Water Supply and Quality Impacts: Part 2, Water Quantity
Speaker:	Corrie Clark, Argonne National Lab
2:00-2:30	Details of the Regulatory Framework
Speaker:	Richard Schwartz, Crowell and Moring
2:30-3:00	Experience on the Ground: Part 1; Pavillion, WY
Speaker:	Abrahm Lustgarten, ProPublica
3:00-3:30	Break
3:30-4:00	Experience on the Ground: Part 2; Water Use in the Marcellus
Speaker:	Susan Packard LeGros, Executive Director, Center for Sustainable Shale Development
4:00-5:00	Session Wrap-Up: The Path Forward
Moderator:	Kathryn Mutz, Getches-Wilkinson Center
Panelists:	Laura Belanger, Western Resource Advocates Cabell Hodge, Colorado Energy Office Steven Musick, Ground Water Protection Council
Reception and Poster Session 5-7; Wolf Law Building, Wolf Cafeteria (Second Floor)	

June 6th

Session Three: Air Quality		Moderator: Jana Milford
8:30-9:00	What We Know (and Don't Know) About Air Quality Impacts	
Speaker:	Anna Karion, National Oceanic and Atmospheric Administration	
9:00-9:30	Details of the Regulatory Framework	
Speaker:	Olivia Lucas, Faegre Baker Daniels LLP	
9:30-10:00	Experience on the Ground: Part 1; Protecting Tribal Interests in Oil and Gas Developments	
Speaker:	Roger Fragua, Cota Holdings LLC	
10:00-10:30	Break	
10:30-11:00	Experience on the Ground: Part 2; Case Study of Weld County, CO	
Speaker:	Garry Kaufman, Deputy Director of the Colorado Air Pollution Control Division	
11:00-Noon	Session Wrap-Up: The Path Forward	
Speakers:	Jill E. Cooper, Anadarko Bruce Baizel, STRONGER and the Oil and Gas Accountability Project	
Noon-1:15	Lunch (Provided on site)	
Session Four: Looking Ahead and Moving Forward		Moderator: Kathryn Mutz
1:15-2:00	Understanding the Impacts: Issues of Research	
Speakers:	Cindy Beeler, Environmental Protection Agency Richard Haut, Houston Advanced Research Center John L. Adgate, University of Colorado School of Public Health	
2:00-2:45	Exploring New Frameworks of Regulation and Management	
Speakers:	Richard Collins, University of Colorado Law School Mark Boling, Southwestern Energy	
2:45-3:15	New Models for Communities and Companies: Defining Good Practice from the Ground Up	
Speakers:	Steve D'Esposito, RESOLVE Richard Whitley, RESOLVE	
3:15-3:45	Break	
3:45-5:00	Concluding Remarks and Recommendations on a Path Forward	
Moderator:	Britt Banks, Getches-Wilkinson Center	
Panelists:	Matt Lepore, Colorado Oil and Gas Conservation Commission Joan Card, Environmental Protection Agency Elise Jones, Boulder County Board of Commissioners Jep Seman, Corporate Advocates	