

Air Quality in Utah: Science for Solutions II
Utah Department of Environmental Quality and Utah State University Bingham Research Center

Location: Uintah Basin Applied Technology Center, Williams Bldg. 450 N. Aggie Blvd. Vernal, UT

8:00 – 8:30 Coffee, continental breakfast

8:30 – 9:00 Introduction, welcome and overview (Boyd Edwards, Dean USU Uinta Basin; Manuel Myore, Ute Tribe Energy and Minerals Director and Minnie Grant Ute Tribe Air Quality Director; Alan Matheson, Director UDEQ)

Uinta Basin

- 9:00 – 9:30 Measurement of Carbonyl Emissions from Non-Combustion Oil and Gas Sources (Seth Lyman, Bingham Center)
- 9:30 – 10:00 Improvements to CAMx Snow Cover Treatments and Carbon Bond Chemical Mechanism for Winter Ozone (Chris Emery, Ramboll Environ)
- 10:00 – 10:30 Adapting the SAPRC Chemistry Mechanism for Low Temperature Conditions (Marc Mansfield, Bingham Center)

10:00 – 10:30 Break

- 10:30 – 11:00 Predicting Emissions from Oil and Gas Operations in the Uinta Basin (Jonathan Wilkey, University of Utah)
- 11:00 – 11:30 Air Quality Compliance Inspections and the Use of IR Cameras (Whitney Oswald, UDAQ)
- 11:30 – 12:00 Discussion with scientists, policy makers, and community stakeholders (Moderator Bryce Bird, Director UDAQ)

12:00 – 1:00 Lunch (provided by Bingham Center/UDAQ)

Wasatch Front

- 1:00 – 1:30 Exceptional Events Modeling Study (Derek Malia, University of Utah)
- 1:30 – 2:00 Wasatch Front Wood Smoke Contribution to PM_{2.5} (Nancy Daher, UDAQ)
- 2:00 – 2:30 Great Salt Lake Summer Ozone Project (Seth Arens, UDAQ)
- 2:30 – 3:00 Ozone precursor Study and Analysis of VOCs in Salt Lake City (Munkh Baassandorj, UDAQ)

3:00 – 3:15 Summary and Conclusion