

# ENVIRONMENTAL LEGACIES AND PRODUCED WATER RELATED TO OIL AND GAS PRODUCTION

*Using Science to Advance the Conversation*

**MAY 30, 2018 | CONFERENCE ROOM VI**

*Hyatt Regency Aurora-Denver | 13200 East 14<sup>th</sup> Place, Aurora, CO 80011*

## AGENDA

9:30–10:00	<b>Doors Open / Registration</b>	<i>Light refreshments available</i>
10:00–10:15	<b>Welcome, Introductions, and Objectives</b>	<b>Wendy Harrison</b> <i>Colorado School of Mines</i>  <b>Joe Lima</b> <i>Schlumberger</i>
<b>10:15 AM – 12:00 PM ENVIRONMENTAL LEGACY DISCUSSION</b> <i>Moderated by Julia Hobson Haggerty, Montana State University</i>		
10:15–10:25	<b>Environmental Legacy Video</b>	
10:25–10:45	<b>TED-Style Keynote</b> “Environmental Legacy Issues”	<b>David Glatt</b> <i>North Dakota Department of Health</i>
10:45–12:00	<b>Environmental Legacy Panel</b> <ul style="list-style-type: none"><li><i>Inventories, management, restoration related to wells and surrounding environment</i></li><li><i>Data and technology</i></li><li><i>Evolution of regulation and bonding</i></li></ul>	<b>Scott Anderson</b> <i>Environmental Defense Fund</i>  <b>Peter Stahl</b> <i>University of Wyoming</i>  <b>John Axelson</b> <i>Colorado Oil &amp; Gas Conservation Commission</i>  <b>Tisha Schuller</b> <i>Adamantine Energy</i>
12:00–1:30	<b>Lunch</b>	<i>Provided in room</i>

## 1:30 PM – 3:15 PM PRODUCED WATER DISCUSSION

Moderated by Wendy Harrison, Colorado School of Mines

1:30–1:40	Produced Water Video	
1:40–2:00	<b>TED-Style Keynote</b> “Produced Water”	<b>Mark Engle</b> U.S. Geological Survey
2:00–3:15	<b>Produced Water Panel</b> <ul style="list-style-type: none"><li>Regional variability in chemistry/uncertainty in chemical characterization</li><li>Regional/temporal variability with water volumes</li><li>Treatment technologies and potential beneficial uses</li></ul>	<b>Junko Munakata Marr</b> Colorado School of Mines <b>Jill Cooper</b> Anadarko <b>Ken Carlson</b> Colorado State University

## 3:15 PM – 4:00 PM PLENARY SESSION

3:15–3:55	<b>Plenary discussion and Q&amp;A</b> <ul style="list-style-type: none"><li>With allocated time for (5 minute) contributions from the audience</li></ul>	<b>Joe Lima</b> Schlumberger <b>Wendy Harrison</b> Colorado School of Mines
3:55–4:00	<b>Closing Remarks</b>	<b>Joe Lima</b> Schlumberger <b>Wendy Harrison</b> Colorado School of Mines <b>Julia Haggerty</b> Montana State University

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## END OF PUBLIC SESSION

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