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# WYOMING WATER & ENERGY DEVELOPMENT

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April 29-30, 2010 • Little America • Cheyenne

**Dear Colleague,**

Now more than ever, it is critical to be at the top of your game.

Whether you are a lawyer, engineer, developer, government employee, or environmental professional, this is one Conference you can't afford to miss. This Conference, now in its 8th year, has been revamped to include important energy issues facing our state.

Join us to learn about the latest developments in water and energy law, such as:

- reverse osmosis water treatment for municipalities
- integrated water-energy planning
- carbon sequestration
- uranium mining
- coal gasification
- natural gas challenges and opportunities

... and much more.

This Conference brings you experienced professionals, continuing education credit and invaluable networking opportunities.

We look forward to seeing you in April!

*Kara Brighton*



**Kara Brighton, Esq.**  
**Program Co-Chair**  
Hageman & Brighton, Cheyenne

*Harriet M. Hageman*



**Harriet M. Hageman, Esq.**  
**Program Co-Chair**  
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Schedule and Information Inside 

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# CONFERENCE SCHEDULE

THURSDAY, APRIL 29

FRIDAY, APRIL 30

<b>8:30</b>	Registration and Continental Breakfast
<b>9:00</b>	<b>Introduction and Welcome</b> Overview of Day One <b>Kara Brighton, Esq., Program Co-Chair, and Harriet M. Hageman, Esq., Program Co-Chair</b> Hageman & Brighton, Cheyenne
<b>9:15</b>	<b>Recent Developments in Water and Energy Law</b> An Update on the Issues <b>Harriet M. Hageman, Esq., Program Co-Chair</b>
<b>10:00</b>	Morning Break
<b>10:15</b>	<b>Reverse Osmosis Water Treatment for Municipalities</b> The Unintended Consequences <b>Frank Jaeger, District Manager</b> Parker Water & Sanitation District
<b>11:00</b>	<b>Montana v. Wyoming</b> An Update <b>David F. Palmerlee, Esq.</b> Palmerlee & Durrant, Buffalo
<b>11:45</b>	Lunch Break
<b>1:00</b>	<b>Integrated Water-Energy Planning</b> Developing an Efficient Framework <b>Gordon W. "Jeff" Fassett, PE, Vice President</b> HDR, Cheyenne
<b>1:45</b>	<b>Important Goings-On at the University of Wyoming</b> An Interdisciplinary Panel on Water Law and Energy Development <i>Produced Water Associated with Carbon Dioxide Sequestration</i> <b>Carol D. Frost, PhD</b> <b>Professor and Associate Vice President for Research and Economic Development</b> Department of Geology and Geophysics University of Wyoming, Laramie <i>Legal Issues Associated with Carbon Capture and Sequestration</i> <b>Samuel Kalen, Esq., Associate Professor of Law</b> University of Wyoming College of Law, Laramie <i>Using the Paleo-Record to Understand Past and Potential Droughts</i> <b>Bryan N. Shuman, PhD, Associate Professor</b> Department of Geology and Geophysics University of Wyoming, Laramie <i>State and Federal Relations in Energy and Water</i> <b>Dennis C. Stickley, Esq., Visiting Professor</b> University of Wyoming College of Law and Wyoming School of Energy Resources, Laramie Moderator: David F. Palmerlee, Esq.
<b>2:45</b>	Afternoon Break
<b>3:00</b>	<b>Important Goings-On at the University of Wyoming (cont.)</b> An Interdisciplinary Panel on Water Law and Energy Development
<b>4:00</b>	<b>Cloud Seeding</b> An Update on Wyoming's Weather Modification Pilot Program <b>Michael K. Purcell, Director, and Barry Lawrence, Project Manager</b> Wyoming Water Development Office, Cheyenne
<b>4:45</b>	<b>Carbon Sequestration</b> Development of a Regulatory and Financial Assurance Framework <b>John V. Corra, Director</b> Wyoming Department of Environmental Quality, Cheyenne
<b>5:30</b>	Adjourn

<b>8:30</b>	Continental Breakfast
<b>9:00</b>	<b>Welcome Back</b> Overview of Day Two <b>Kara Brighton, Esq., Program Co-Chair</b> <b>Harriet M. Hageman, Esq., Program Co-Chair</b>
<b>9:15</b>	<b>Water and Energy Development</b> A Consideration of Some Legal Issues <b>Lawrence MacDonnell, Esq., Professor of Water Law</b> University of Wyoming College of Law, Laramie
<b>10:00</b>	Morning Break
<b>10:15</b>	<b>Transmission Challenges</b> Who Wouldn't Want It in Their Backyard? <b>Shawn Taylor, Executive Director</b> Wyoming Rural Electric Association, Cheyenne
<b>11:00</b>	<b>Uranium Mining in Wyoming</b> Fuel of the Future? <b>Glenda Catchpole Thomas, General Manager for Production</b> Uranerz Energy Corporation, Casper
<b>11:45</b>	<b>Regulatory Law</b> Water and Energy <b>Kara Brighton, Esq., Program Co-Chair</b>
<b>12:30</b>	Lunch Break
<b>1:45</b>	<b>KEYNOTE PRESENTATION</b> <b>Keeping Up with the Coalbeds</b> Adapting to a Dynamic Industry <b>Patrick T. Tyrrell, PE, State Engineer</b> Wyoming State Engineer's Office, Cheyenne
<b>2:30</b>	<b>Coal Gasification</b> Coal-to-Liquids Project <b>Gary E. Brus, Senior Vice President</b> Nerd Gas Company, Casper
<b>3:15</b>	Afternoon Break
<b>3:30</b>	<b>Natural Gas Challenges and Opportunities</b> Wyoming's Role in the Nation's Energy Supply <b>Shane C. Schulz, Esq., Director of Government Affairs, and Mike Smith, Esq., Director of Regulatory Affairs</b> Questar Exploration and Production Company, Cheyenne
<b>4:15</b>	<b>Ethics</b> Considerations for Water and Energy Professionals <b>Kara Brighton, Esq., Program Co-Chair</b>
<b>5:15</b>	Evaluations and Adjourn

# MEET YOUR DISTINGUISHED FACULTY

## PROGRAM CO-CHAIRS

**Kara Brighton** concentrates her practice on water and natural resources issues. In 2000, she co-founded her firm in order to provide services to the agricultural sector and other Wyoming water users. Her practice includes representation of several Wyoming irrigation districts, municipalities and ranchers. She was named one of Wyoming's "40 Under Forty" by the *Casper Star-Tribune* in their inaugural class of 2005. She also serves on the Advisory Board for the University of Wyoming College of Agriculture.

**Harriet M. Hageman** attended Casper College and received a Bachelor's Degree in Business from the University of Wyoming in 1986. She also received her JD at the University of Wyoming in 1989. She focuses her law practice on water and natural resources issues, and is licensed in Wyoming, Nebraska and Colorado. She is on the Steering Committee for the Wyoming Business Alliance and is a member of the Rocky Mountain Land Uses Institute.

## KEYNOTE PRESENTER

**Patrick T. Tyrrell** is a Wyoming native who has served as the State Engineer since 2001. The Wyoming State Engineer's Office is charged with the regulation and administration of water resources in Wyoming. He serves as the State's Commissioner to the Upper Colorado River, Bear River and Yellowstone River Compact Commissions. He also serves on the North Platte Decree Committee, the Colorado River Basin Salinity Control Forum and the Western States Water Council.

## FACULTY

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**Carol D. Frost, PhD**  
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Parker Water & Sanitation District

**Samuel Kalen, Esq.**  
**Associate Professor of Law**  
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**Barry Lawrence, Project Manager**  
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**Lawrence MacDonnell, Esq.**  
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**Michael K. Purcell, Director**  
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**Shane C. Schulz, Esq.**  
**Director of Government Affairs**  
Questar Exploration and Production Company,  
Cheyenne

**Bryan N. Shuman, PhD, Associate Professor**  
Department of Geology and Geophysics  
University of Wyoming, Laramie

**Mike Smith, Esq.**  
**Director of Regulatory Affairs**  
Questar Exploration and Production Company,  
Cheyenne

**Dennis C. Stickley, Esq., Visiting Professor**  
University of Wyoming College of Law and  
Wyoming School of Energy Resources, Laramie

**Shawn Taylor, Executive Director**  
Wyoming Rural Electric Association, Cheyenne

**Glenda Catchpole Thomas**  
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## CLE INTERNATIONAL

**Program Attorney:**  
**Vini Gopal, vini@cle.com**

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Full tuition refunds (less a \$50 administrative charge) will be given only if notice of cancellation is received by 5:00 p.m. MST on the Friday prior to the Conference. Substitutions may be made at any time.

## Tuition

- \$695 per person
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## KEYNOTE PRESENTATION

### Keeping Up with the Coalbeds

Adapting to a Dynamic Industry

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**Patrick T. Tyrrell, PE, State Engineer**  
Wyoming State Engineer's Office, Cheyenne

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