



E C O S

# 2017 Fall Meeting

*Bright Ideas:  
States Leading the Way*

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## Agenda

Monday, September 11 – Tuesday, September 12

(\*followed by states-only business September 13 morning &  
EELC September 13 afternoon-September 14 morning)

Snow King Resort  
Jackson Hole, Wyoming



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#ECOSFallMtg17



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7:30 a.m.	<b>Registration Open</b>	<b>Grand Teton Mezzanine</b>
7:30 – 8:55 a.m.	<b>Continental Breakfast</b>	<b>Grand View</b>
7:45 – 8:45 a.m.	<b>Side Session of the Shale Gas Caucus: Launch of Phase Three on Cross-Media Issues</b>	<b>Cache Creek</b>
	<p>Open to all Fall Meeting attendees. A separate continental breakfast will be available. After having focused its first two phases on methane reduction and produced water, the Shale Gas Caucus (SGC) kicks off a cross-media phase at the Fall Meeting and will devote this session to a broad overview. Topics for Phase Three include methane and emerging air technologies, alternative compliance pathways, and continued exploration of produced water.</p> <ul style="list-style-type: none"><li>❖ Martha Rudolph, SGC Co-Chair, ECOS Past President, and Director of Environmental Programs, Colorado Department of Public Health &amp; Environment (moderator)</li><li>❖ David Glatt, SGC Co-Chair, ECOS Region VIII Executive Committee Representative, and Chief, Environmental Health Section, North Dakota Department of Health (moderator)</li><li>❖ Scott Anderson, Senior Policy Director, U.S. Climate &amp; Energy Program, Environmental Defense Fund</li><li>❖ Aileen Nowlan, Manager, EDF+Business</li><li>❖ Roy Hartstein, Vice President, Strategic Solutions, Southwestern Energy Company</li></ul>	
9:00 – 9:45 a.m.	<b>Welcome &amp; Introductions</b>	<b>Grand Teton</b>
	<ul style="list-style-type: none"><li>❖ <b>Call to Order, Announcements, &amp; Agenda Preview</b> John Linc Stine, ECOS President and Commissioner, Minnesota Pollution Control Agency</li><li>❖ <b>Host State Welcome</b> Todd Parfitt, ECOS Vice President and Director, Wyoming Department of Environmental Quality</li><li>❖ <b>Self-introduction of ECOS Members</b></li><li>❖ <b>Welcome Remarks</b> David Vela, Superintendent, Grand Teton National Park</li></ul>	

**\* Business Process Improvement sessions are shaded in green, reflecting a point of emphasis for the meeting.**

# Monday, September 11

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9:45 – 11:00 a.m.

## Changing the State-U.S. Environmental Protection Agency Paradigm: Toward True Partnership

*Grand Teton*

On the heels of the summertime launch of ECOS' Cooperative Federalism 2.0 effort, this discussion will offer a chance to look at early wins in the state-EPA relationship and explore how even greater success can be achieved.

- ❖ John Linc Stine, ECOS President and Commissioner, Minnesota Pollution Control Agency (moderator)
- ❖ Todd Parfitt, ECOS Vice President and Director, Wyoming Department of Environmental Quality
- ❖ Ken Wagner, Senior Advisor to the Administrator for Regional & State Affairs, U.S. EPA

11:00 – 11:30 a.m.

## Networking Break

*Grand Teton Mezzanine*

11:30 a.m. – 12:30 p.m.

## Communicating Progress: Telling the State Story Via Measures & Results

*Grand Teton*

This roundtable will focus on approaches states are taking to presenting outcomes and results to the public via dashboards and measures. ECOS leaders will reflect on lessons learned as each of their agencies has moved into this arena. As part of this panel, ECOS will unveil its new dashboard that states can use to better communicate to the public their efforts to protect human health and the environment. ECOSResults.org is a web-based tool that allows states to tell their environmental progress stories using 14 common measures.

- ❖ Bill Ehm, ECOS Planning Committee Vice Chair and Division Administrator, Iowa Department of Natural Resources (moderator)
- ❖ John Linc Stine, ECOS President and Commissioner, Minnesota Pollution Control Agency
- ❖ Martha Rudolph, ECOS Past President and Director of Environmental Programs, Colorado Department of Public Health & Environment
- ❖ Patrick Stevens, ECOS Planning Committee Chair and Administrator, Division of Environmental Management, Wisconsin Department of Natural Resources
- ❖ Robert Scott, Commissioner, New Hampshire Department of Environmental Services

12:30 – 1:45 p.m.

## Keynote Luncheon

*Grand View/Mountain View*

The Honorable Matt Mead, Governor, State of Wyoming, and Chair, National Governors Association Natural Resources Committee, introduced by ECOS Vice President Todd Parfitt, Director, Wyoming Department of Environmental Quality.

# Monday, September 11

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2:00 – 3:15 p.m.

## Innovations in Permitting: Improving Outcomes for All Stakeholders

Grand Teton

As documented in ECOS' recent *Green Report*, many states are transforming their environmental permitting systems to deliver greater tracking and data accessibility for businesses and other stakeholders. States are expanding services to: help applicants determine what permits are needed; offer compliance assistance including meetings with state personnel; and enable parties to track the status of permit applications. Innovation is occurring in the areas of pesticides, air, hazardous and solid waste, toxics, water supply, special use, dams, and more. Get ready to take home replicable ideas!

- ❖ Becky Keogh, ECOS-Secretary-Treasurer and Director, Arkansas Department of Environmental Quality (moderator)
- ❖ Myra Reece, ECOS Region IV Executive Committee Representative and Director of Environmental Affairs, South Carolina Department of Health & Environmental Control
- ❖ Shawn Garvin, Secretary, Delaware Department of Natural Resources & Environmental Control
- ❖ Keith Kawaoka, ECOS Islands Executive Committee Representative and Deputy Director for Environmental Health, Hawaii Department of Health
- ❖ Martin Suuberg, ECOS Water Committee Vice Chair and Commissioner, Massachusetts Department of Environmental Protection

3:15 – 3:45 p.m.

## Networking Break with ECOSResults.org Demo Stations

Grand Teton Mezzanine

3:45 – 5:00 p.m.

## Increasing Water Availability through Innovation, Technology, & Trust

Grand Teton

This discussion among state regulators and innovators will explore how technology is helping states and communities enhance water quality, advance reuse options, and boost public confidence in outcomes. Roundtable speakers will discuss how solutions can be adapted and transferred across varying geographies and climates, and will address lessons learned from their innovation experiences.

- ❖ Bryan Shaw, ECOS Air Committee Chair and Chairman, Texas Commission on Environmental Quality (moderator)
- ❖ C. Heidi Grether, Director, Michigan Department of Environmental Quality
- ❖ Jim McQuarrie, National Association of Clean Water Agencies Member and Chief Innovation Officer, Denver Metro Wastewater Reclamation District
- ❖ Jack Bedessem, President & CEO, Trihydro Corporation
- ❖ Jerel J. Bogdan, Vice President of Engineering, Eureka Resources, LLC

5:00 – 6:30 p.m.

## Snow King Reception

Grand View

Attendees and their prepaid guests are asked to please wear nametags to the event.

# Tuesday, September 12

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7:15 a.m.	<b>Registration Desk Open</b>	<i>Grand Teton Mezzanine</i>
7:15 – 8:45 a.m.	<b>Continental Breakfast</b>	<i>Grand View</i>
7:15 – 8:40 a.m.	<b>Environmental Research Institute of the States Board Meeting</b>	<i>Cache Creek</i>
	Open to states and invited guests. A separate continental breakfast will be available.	
7:30 – 8:40 a.m.	<b>Side Session of the ECOS Data Management Workgroup</b>	<i>Fireside</i>
	Open to states and invited guests. Continental breakfast can be taken from next door in Grand View.	
8:45 – 9:15 a.m.	<b>Remarks &amp; Keynote Address</b>	<i>Grand Teton</i>
	<ul style="list-style-type: none"><li>❖ <b>Announcement of New ECOS Officers</b> John Linc Stine, ECOS President and Commissioner, Minnesota Pollution Control Agency</li><li>❖ <b>Keynote: Applying Innovation to Environmental Challenges</b> Paul M.E. Bunje, Chief Scientist, XPRIZE, and Co-Founder, Conservation X Labs, introduced by Todd Parfitt, ECOS Vice President and Director, Wyoming Department of Environmental Quality</li></ul>	
9:15 – 10:30 a.m.	<b>Inspiring Innovation &amp; A Change-Oriented Culture</b>	<i>Grand Teton</i>
	Following the popular Spring Meeting presentation on “Building a Change-Receptive Organization,” this session will offer a deeper dive. State and U.S. EPA officials with experience in streamlining and management innovation will lead an interactive session with attendees. Bring a mobile device or laptop!	
	<ul style="list-style-type: none"><li>❖ Misael Cabrera, ECOS Innovation &amp; Productivity Committee Vice Chair and Director, Arizona Department of Environmental Quality (facilitator)</li><li>❖ Janet Coit, Director, Rhode Island Department of Environmental Management</li><li>❖ Jerah Sheets, Executive Officer, Iowa Department of Natural Resources</li><li>❖ Henry Darwin, Assistant Deputy Administrator &amp; Chief of Operations, U.S. EPA</li></ul>	
10:30 – 11:00 a.m.	<b>Networking Break with Lean Expo</b>	<i>Grand Teton Mezzanine</i>

# Tuesday, September 12

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11:00 a.m. – 12:00 p.m.

## **Transferring Success: Spotlight on Innovators**

*Grand Teton*

This roundtable will feature discussion of the transferrable elements of the outstanding initiatives selected for ECOS 2017 State Program Innovation Award recognition. States will provide overviews of their successful programs, highlight common elements, and discuss how peers can replicate the innovative ideas. An award also will be presented in a separate forum to Tommy Wells, Director of the District of Columbia Department of Energy & Environment.

- ❖ John Mitchell, ECOS Innovation & Productivity Committee Chair and Director, Division of Environment, Kansas Department of Health & Environment (moderator)
- ❖ Lance LeFleur, Director, Alabama Department of Environmental Management
- ❖ Carol Comer, ECOS Compliance Committee Vice Chair and Director, Missouri Department of Natural Resources
- ❖ Martha Rudolph, ECOS Past President and Director of Environmental Programs, Colorado Department of Public Health & Environment
- ❖ Patrick McDonnell, Secretary, Pennsylvania Department of Environmental Protection
- ❖ John Tippetts, Director, Idaho Department of Environmental Quality

12:00 – 1:15 p.m.

## **Keynote Luncheon: Achieving Conservation Results through Bipartisan Innovation**

*Grand View/Mountain View*

Collin O'Mara, President & CEO, National Wildlife Federation, and former Secretary, Delaware Department of Natural Resources & Environmental Control, introduced by Janet Coit, Director, Rhode Island Department of Environmental Management.

1:15 – 2:30 p.m.

## **Private Environmental Governance: Innovations from the Regulated Community**

*Grand Teton*

This Corporate Roundtable will bring together leaders from the manufacturing, telecommunications, and energy sectors to share examples of how private environmental governance is increasing protective outcomes and supporting the bottom line. The group will also discuss how such governance can help state and federal regulators amplify the effectiveness of their compliance programs.

- ❖ Jim Macy, ECOS Compliance Committee Chair, ECOS Region VII Representative, and Director, Nebraska Department of Environmental Quality (moderator)
- ❖ Mike Rochford, Director of Emissions Regulations and Conformance, Caterpillar Inc.
- ❖ Evan Van Hook, Corporate Vice President, Health, Safety, Environment, Product Stewardship, & Sustainability, Honeywell International Inc.
- ❖ Craig Hooks, Director, Environmental Health & Safety Field Support, AT&T Inc.
- ❖ Jeff Burleson, Vice President, Environmental & System Planning, Southern Company
- ❖ Aakash Chandarana, Regional Vice President, Rates & Regulatory Affairs, Xcel Energy

# Tuesday, September 12

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2:30 – 3:00 p.m.

**Networking Break with Lean Expo**

*Grand Teton Mezzanine*

3:00 – 3:30 p.m.

**Awards, Recognition, & Closing**

*Grand Teton*

- ❖ **Presentation of ECOS Awards**  
John Linc Stine, ECOS President and Commissioner, Minnesota Pollution Control Agency
- ❖ **Recognition of ECOS Officers**  
Alexandra Dapolito Dunn, ECOS Executive Director & General Counsel
- ❖ **Farewell Remarks & Closing**  
John Linc Stine, ECOS President and Commissioner, Minnesota Pollution Control Agency

3:45 – 9:00 p.m.

**Members & Deputies Photo, Trail Walk, Cash Bar, & Dinner  
Jackson Lake Lodge in Grand Teton National Park**

Attendees and their prepaid guests are asked to please wear nametags to the event. See notes section for important details on timing and locations.

# Wednesday, September 13

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**States Only Session & EELC Meeting (see separate agendas)**

6:30 – 11:15 a.m.

**States-Only Business Session**

12:30 – 6:30 p.m.

**E-Enterprise for the Environment Leadership Council  
(EELC) Meeting**

# Thursday, September 14

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**EELC Meeting**

7:30 – 11:30 a.m.

**E-Enterprise for the Environment Leadership Council (EELC)  
Meeting (continued)**

# Notes

- ❖ Dress for the meeting is business casual.
- ❖ The Grand Teton Ballroom and Grand Teton Mezzanine are located on the Teton Level of the Snow King Hotel, one level above the lobby. The Grand View Ballroom, Mountain View Room, and Fireside Lounge are located on the main level of the neighboring Grand View Lodge up the hill from Snow King. Cache Creek Ballroom is located on the lower level of Grand View Lodge.
- ❖ All meetings are open to all registrants, including press, except where indicated. ECOS meetings are a uniquely interactive forum. Time is reserved in all roundtables for attendee comments, questions, and discussion with roundtable members.
- ❖ For the September 12 session at 9:15-10:30 a.m. on Inspiring Innovation & A Change-Oriented Culture, please bring a laptop or mobile device to participate.
- ❖ For the September 12 trip to Grand Teton National Park, buses load at 3:45 p.m. and depart at 4 p.m. from outside Snow King front lobby. Upon entering Jackson Lake Lodge, members and deputies should immediately walk upstairs and then outside the back of the property for a group photo in the grassy area below Blue Herron Lounge at approximately 4:45 p.m. Attendees may then take in breathtaking views along nearby Lunch Tree Hill trail (see trail map on ECOS website) or proceed directly to cash bar on Sunset Terrace opening at 5 p.m. Dinner buffet in Explorers & Trappers Rooms opens at 6 p.m., with musical entertainment by the Wyoming Department of Environmental Quality's own Mike Morris. Buses depart for return trip at 8 p.m. Members wishing to drive individually to the event should be aware of a \$30 Grand Teton National Park entrance fee valid for up to seven days.

## Mark Your Calendar! Upcoming ECOS Meetings

### 2018 Spring Meeting

March 20-22, 2018  
St. Paul, Minnesota

### 2019 Spring Meeting

Dates TBD  
Washington, DC

### 2018 Fall Meeting

August 28-30, 2018  
Stowe, Vermont

### 2019 Fall Meeting

Dates TBD  
Location TBD



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