



**The Environmental Council of the States**

**STEP Meeting 2019**

***From the Flintstones to the Jetsons: How Technology is Transforming Environmental Protection***

**Wednesday, July 10**

**Marriott Marquis  
Washington, DC**

**Wifi Network:  
Password:**



**@ECOStates #ECOSTEP19 #ECOSCoopFed2**

State environmental agencies are modernizing at a rapid rate. Every new project, modernized process, and upgrade to equipment is intricately connected to current and cutting-edge technologies. Environmental protection will benefit from using better data faster, and state agencies must find a way to fully integrate IT with their programs. Please join us for a discussion exploring current advancements being made at the state level, new technologies on the horizon, and best practices for integrating IT at the program level.

ECOS STEP is a uniquely interactive educational forum. Panel participants are discussion leaders, and the purpose of each session is to provide a forum for state officials, federal governmental agencies, business and industry, nonprofits, and others to offer their unique perspectives on addressing priority and/or emerging environmental issues.

**Please note that registration, continental breakfast, and all sessions are in the UDC/Catholic Room. Lunch and the evening reception will be served in the Georgetown Room.**

<b>7:45 – 8:30 a.m.</b>	<b>Registration and Continental Breakfast</b>
<b>8:30 – 8:40 a.m.</b>	<b>Welcome and Introductory Remarks</b> Becky Keogh, ECOS President, and Director, Arkansas Department of Environmental Quality ( <i>Invited</i> )
<b>8:40 – 9:45 a.m.</b>	<b>Opening Keynote:</b> Introduction: Don Welsh, Executive Director, Environmental Council of the States  Keynote Speaker: <ul style="list-style-type: none"> <li>Kimberly Nelson, Executive Director, State and Local Government Solutions, Microsoft - <b>CONFIRMED</b></li> </ul>
<b>9:45 – 11:00 a.m.</b>	<b>Panel #1: Tech Solutions for State Government</b> How are state environmental agencies already reaping benefits from new technology and innovation? This panel explores how states have embraced tech-based approaches to streamline and augment their work in the field and at the office.  Moderator: Todd Parfitt, ECOS Past President and Director, Wyoming Department of Environmental Quality ( <i>Invited</i> )  Panelists: <ul style="list-style-type: none"> <li>Chuck Carr Brown, Secretary, Louisiana Department of Environmental Quality – <b>CONFIRMED</b></li> <li></li> <li></li> </ul>
<b>11:00 a.m. – 11:30 a.m.</b>	<b>Networking Break</b>
<b>11:30 a.m. – 1:00 p.m.</b>	<b>Luncheon Address:</b> Introduction: Jared Blumenfeld, Secretary, California Environmental Protection Agency ( <i>Invited</i> )  Keynote Speaker: <ul style="list-style-type: none"> <li>Karin Tuxen-Bettman, Program Manager, Google - <b>CONFIRMED</b></li> </ul>
<b>1:00 p.m. – 1:30 p.m.</b>	<b>Networking Break</b>
<b>1:30 – 2:45 p.m.</b>	<b>Panel #2: Big Data for Environmental Quality</b> Environmental agencies already manage large amounts of data. With strides in data collection technology, agencies have an opportunity to harness even more information to help improve their regulatory work. Big data requires a new frame of thinking to get the most out of its application. This panel will examine how states have used big data to improve their environmental protection.  Moderator: Patrick McDonnell, ECOS Secretary and Secretary, Pennsylvania Department of Environmental Protection ( <i>Invited</i> )

	<p>Panelists:</p> <ul style="list-style-type: none"> <li>• Stephen Forrest, Chief Information Officer, Montana Department of Environmental Quality (<i>Invited</i>)</li> <li>• Shaun Garvin, Secretary, Delaware Department of Natural Resources and Environmental Control (<i>Invited</i>)</li> <li>• Jared Blumenfeld, Secretary, California Environmental Protection Agency (<i>Invited</i>)</li> </ul>
<b>2:45 – 3:45 p.m.</b>	<p><b>Panel #3: IT Integration at your Agency</b></p> <p>As state agencies go about the regular business of environmental protection, they are turning to IT solutions and opportunities more and more each day. Join us as we discuss opportunities, challenges, and the guidance being developed by states for states.</p> <p>Moderator:</p> <p>Panelists:</p> <ul style="list-style-type: none"> <li>• Bob Zimmerman, Chair, Digital Strategies Forum and Chief Operating Officer, Delaware Department of Natural Resources and Environmental Control (<i>Invited</i>)</li> <li>•</li> <li>•</li> </ul>
<b>3:45 – 4:15 p.m.</b>	<b>Networking Break</b>
<b>4:15 – 5:30 p.m.</b>	<p><b>Panel #4: Emerging Technologies for the Field</b></p> <p>Costs have fallen significantly for many new technologies such as drones, radar, sensors, monitors, and other remote testing methods while the number of companies offering these services have increased. Join us as we discuss a few of these emerging technologies, how state agencies can use them, where resources can be found today, and opportunities to contribute to these resources in the future.</p> <p>Moderator: Ben Grumbles, Chair, ECOS Air Committee and Secretary, Maryland Department of Environment - <b>CONFIRMED</b></p> <p>Panelists:</p> <ul style="list-style-type: none"> <li>• Alex Wardle, Team Leader, Interstate Technology and Regulatory Council Implementing Advanced Site Characterization Tools Team and Virginia Department of Environmental Quality – <b>CONFIRMED</b></li> <li>•</li> <li>•</li> </ul>
<b>5:30 – 5:45 p.m.</b>	<p><b>Wrap-Up and Closing Remarks</b></p> <ul style="list-style-type: none"> <li>• Becky Keogh, ECOS President, and Director, Arkansas Department of Environmental Quality</li> </ul>
<b>5:45 p.m.</b>	<b>Reception</b>

## Mark Your Calendar! Upcoming ECOS Meetings

### **2020 Spring Meeting**

March 30 – April 1, 2020

Ashville, North Carolina

### **2019 Fall Meeting**

September 24-26, 2019

Seattle, Washington

### **2020 Fall Meeting**

Dates TBD

Park City, UT

### **EE 2020 Meeting**

**ITRC Annual Meeting**

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