

# environmental 20 LEADER 16 CONFERENCE

## Environmental Leader Conference 2016 Agenda

### DAY ONE – TUESDAY, JUNE 21, 2016

Noon – 1:00pm **Workshop Registration**

1:00pm-  
5:00pm **CONCURRENT WORKSHOPS**

**Workshop A**

#### Step One of Your Corporate Sustainability Program: Green Your Facilities

A panel of ISS subject matter experts will provide a roadmap for creating green facilities that minimize operating costs and maximize employee satisfaction and productivity. Sustainable Facility Management is built on the following foundation:

- Green cleaning with the right cleaners and tools

**Dan Gilbert**

Global  
Sustainability Lead-  
HP  
& ISS Subject  
Matter Experts

**ISS Facility Services**

- Energy and water management to lower your carbon footprint and save money
- Zero waste initiatives to reduce costs and feed the circular economy
- Air quality and optimum temperature programs to increase employee productivity

**Workshop B**

## The Circular Economy and the Role of Manufacturing

Defining the circular economy and the role of manufacturing to enable the circular economy will be detailed and examples of real life application presented. Highlights include:

- Definition of the circular economy
- Defining the critical elements of manufacturing, processes and systems
- Material selection for circularity
- End of life considerations
- Examples of circular economy and manufacturing innovation

**Jennifer Mangold, PhD**

Director of Research and Special Projects, Jacobs Institute for Design Innovation

**Laboratory for Manufacturing and Sustainability**

**University of California, Berkeley**

5:00pm-  
6:00pm

## Environmental Leader 2016 Conference Welcome Reception

Meet your peers and converse about the key learnings you've gained from the day's workshops over drinks and hors d'oeuvres, as well as receiving a real Denver Welcome!

# DAY TWO – WEDNESDAY, JUNE 22, 2016

7:00am-  
8:25am

## Conference Registration and Networking Breakfast Buffet

Meet and network with attendees during the breakfast buffet.

8:25am-  
8:45am

## Welcome and Opening Remarks

**Paul Nastu**

Founder & President

**Environmental  
Leader, Energy  
Manager Today,  
Business Sector  
Media, LLC**

**Jerry Tinianow**

Chief  
Sustainability  
Officer

**Office of the  
Mayor / City and  
County of Denver**

8:45am-  
9:35am

## Opening Keynote: Measuring, Baselining and Managing Environmental Performance

Mari Kay Scott is GM's lead for environmental expertise in manufacturing and non-manufacturing ensuring compliance across GM's facilities. Scott will share how GM manages environmental performance by engaging its workforce.

**Mari Kay Scott**

Executive  
Director of Global  
Environmental  
Compliance and  
Sustainability

**GM**

9:45am-  
10:25am

### CONCURRENT TRACKS

Strategy

## The Drive for Disclosure: What Matters, What Doesn't and What May Be Transformational

From stakeholder expectations to shareholder activism, companies face a new standard for disclosure. But are they disclosing what is most material or simply satisfying a request to avoid a shareholder resolution? The objective of this presentation is to present the challenges, choices and opportunities companies are facing as expectations for transparency and disclosure continue to escalate.

**Sandy Nessing**

Managing  
Director  
Sustainability

**American Electric  
Power**

Solutions

## Establishing a Water Footprint Baseline, Reducing Use and the Drive to Net-Zero

**John Hazlett**

Manager Water-  
Footprinting-  
Services

**Williams Creek Consulting**

Much like assessing the energy performance of a building, quantifying your organization's Water Footprint by establishing a facility water balance gives your organization a baseline from which to set water reduction goals, benchmark against industry peers and identify opportunities to minimize, capture and reuse water. The presentation will feature the Tyson Living Learning Center at in St. Louis, one of the first buildings in the world to achieve the Living Building Challenge Certification of the U.S. Green Building Council's Cascadia Region Green Building Council.

10:25am-10:40am

## Break

10:40am-11:30am

### CONCURRENT TRACKS

Strategy

## Continual Improvement and Six Sigma for Sustainability and Environmental Performance Improvement

**Holly Duckworth**  
VP of Continuous Improvement  
**Kaiser Aluminum**

Many environmental leaders struggle with resources to apply to performance improvement. Getting sustainability and environmental improvement projects prioritized in Operational Excellence efforts can be difficult.

This presentation will demonstrate how environmental leaders can easily use existing resources, human resources that are already in their organizations, for performance improvement. With just a few modifications of common performance improvement methods, important strategic sustainability improvements can be achieved without adding staff.

Solutions

## The Tiger Team Approach to Energy Efficiency

**Maribeth Malloy**  
Director, Environmental Sustainability & External Engagement  
**Lockheed Martin Corporation**

This presentation will cover the Lockheed Martin Tiger team approach to energy efficiency in direct operations and the resulting savings. The process is wholly replicable and efficacious in delivering operational savings. Attendees will learn:

- What the key aspects of the Tiger Team Concept are
- The footprint of facility types where the Concept has been deployed and what the results have been including:

- o Cost avoidance and savings for both energy reductions (GHG emissions)
- o The operational costs of this approach

12:00pm-  
12:30pm

CONCURRENT PRODUCT TRACKS

Product A

Innovative Solutions for Environmental, Sustainability and Energy Decision-Makers



Product B

Innovative Solutions for Environmental, Sustainability and Energy Decision-Makers

12:30pm-  
1:00pm

CONCURRENT PRODUCT TRACKS

Product A

Innovative Solutions for Environmental, Sustainability and Energy Decision-Makers

Product B

Innovative Solutions for Environmental, Sustainability and Energy Decision-Makers



1:00 PM

Environmental Leader Conference 2016 Exhibits Open

1:10pm-  
2:30pm

Networking Lunch

Enjoy a fabulous meal at the Hyatt and network with speakers, attendees and vendors.

2:30pm-

CONCURRENT TRACKS

3:10pm

Strategy

## Corporate & Industrial Renewable Energy Procurement Strategies

This panel will cover best practices and examples of commercial, industrial and university-related renewable energy procurements, looking at the opportunities and barriers that influence success. Attendees will leave understanding the key issues to consider and manage as their own organizations consider renewable energy, and will have a much better sense of what's possible in this market.

**Blaine Collison**

Managing  
Director, Network  
Services

**Altenex**


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**Andrew Wilson**

Senior Counsel

**3M**


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**Rob Threlkeld**

Global Manager-  
Renewable  
Energy

**GM**

Solutions

## Environmental Management for Complex Organizations

Comprehensive environmental management can become more challenging as organizations grow in size and complexity. Scott Morrissey will discuss how Denver International Airport (DEN) uses a management system approach to proactively address environmental and sustainability issues. As the 5th busiest airport in the United States, DEN's size and scale require proactive environmental management and sustainable strategies across a wide variety of issues, including energy, air quality, greenhouse gas emissions, water quality, waste diversion, and environmental planning. Topics to be discussed include:

- Key projects-past, present and future
- Future plans relevant to all organizations trying to better understand their impacts
- How organizations can proactively plan for sustainable growth
- Managing sustainability across organizations with many disparate activities

**Scott Morrissey**

Director of  
Environmental  
Services

**Denver  
International  
Airport**

3:20pm-

CONCURRENT TRACKS

4:00pm

**Strategy**

## EHS Priorities: Risks Versus Opportunities

This presentation will offer EHS and sustainability senior leaders options and ideas for developing and implementing strategic roadmaps for their organizations through risk-based analysis and decision-making. The session is focused on pragmatic experience but does build upon theory, concepts and methodology, both from academics and industry practices.

**Dennis Hu**

Director, EHS and Systems Safety Engineering

**Ball Aerospace & Technologies Corp.**

**Solutions**

## Driving climate change and sustainability in government operations

Federal and local government entities not only have the task of preparing for climate change impacts upon their constituents, but also in addressing the implications of climate change and environmental sustainability considerations upon their operations. Join senior officials from the City of Denver, U.S. General Services Administration, National Park Service and the U.S. Department of Energy for a discussion on building organizational capacity to tackle these challenges and lessons learned from their efforts thus far.

**Daniel M. Kreeger**

Executive Director

**Association of Climate Change Officers**

**Frank Rukavina**

Director of Sustainability

**National Renewable Energy Laboratory**

**Marion M. R. Buntyn**

Regional Recycling and Green Purchasing Program Manager

**United States General Services Administration**

4:00pm-5:30pm

## New EHS Research Unveiled & Environmental Leader Awards Ceremony

**Peter S. Bussey**

Research Analyst, Environment, Health and Safety

**Presentation Summary:**

How can Environment, Health and Safety (EHS) business leaders help take their organizations to new levels of operational performance while coping with tougher resource constraints? Despite implementing management systems, many organizations reach EHS performance plateaus, and continue to experience costly events such as workplace injuries, production interruptions, and brand damage. Recent findings from LNS Research can help business leaders operationalize their EHS management systems by leveraging next-generation technologies such as Big Data analytics, cloud computing, mobile apps, and the Internet of Things (IoT). The potential to close the gap between EHS strategy and execution will be illustrated with practical use cases, and actionable recommendations will be provided.

The presentation will culminate with the announcement and presentation of trophies to the winning entrees from Environmental Leader's Fifth Annual Product and Project Awards (<http://www.environmentalleader.com/environmental-leader-2016-product-project-awards/>) and a discussion of the trends presented by these ground-breaking products and projects.

5:30pm-  
7:30pm

## Environmental Leader Networking Reception in the Exhibit Hall

Enjoy cocktails and hors d'oeuvres among the exhibitions while you network with award winners, our industry-leading judges, attendees and vendors during this high-profile networking reception.

# DAY THREE – THURSDAY, JUNE 23, 2016

7:30am-  
8:30am

## Conference Registration and Networking Breakfast Buffet

Meet and network with attendees during the breakfast buffet.

8:30am-  
9:20am

## Operational Excellence – Unlocking Efficiency in Operations

**J. Scott Lockhart**

SVP, Operational Excellence & Risk Management



Year after year organizations see increasing mandates for compliance & managing risk yet are being pressed to drive more efficiency in their operations. Industry leaders are increasingly looking toward a programmatic management-system approach to Operational Excellence to identify and mitigate the associated costs of unplanned disruptions, and to unlock performance improvements through greater operating discipline. IHS will share insight into best practices for implementing Operational Excellence Management Systems with a focus on how the correct enablement of core operating processes, such as process safety, human safety, environmental performance and compliance assurance, can transform the performance of the organization.

IHS

9:30am-  
10:10am

CONCURRENT TRACKS

Strategy

## Advanced Manufacturing as a Driver for Sustainability

Advanced manufacturing, and manufacturing, in general, have moved to the top of the agenda in the last few years due to reminders that manufacturing is a driver in job creation and improved standards of living for everyone. This presentation will cover some of the drivers of innovation in manufacturing and recent important trends such as greening processes and systems and sustainability, which can be strong motivators for a range of improvements that result in innovation in processes, machines, systems, facilities and enterprises. This talk will present the fundamental role that manufacturing plays in sustainability while reducing environmental impact and enhancing competitiveness.

**Jennifer Mangold, PhD**

Director of Research and Special Projects,  
Jacobs Institute for Design Innovation

**Laboratory for Manufacturing and Sustainability**

**University of California, Berkeley**

Solutions

## Commercial and Industrial Waste Management Solutions

Explore the latest solutions involving commercial and industrial waste management, including waste audits and how to improve processes. This panel will discuss straightforward actions you can take to audit your waste streams and develop strategies to reduce waste, achieve higher diversion and deal with hazardous waste.

**Graham Russell**

Founder and Principal  
**Trupoint Advisors**

**Ryan McMullan, MESM, CSM**

Environmental & Safety  
Manager

**Toyota Motor Sales**

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**Scott Chizanskos**

Environmental Safety  
Manager

**DISH Network L.L.C.**

10:10am

## Environmental Leader Conference Exhibits Open

10:25am-  
11:05am

CONCURRENT TRACKS

**Strategy**

## Building Intelligence as Energy Efficiency Driver

This panel will discuss the business case and impacts of investing and implementing intelligent building technologies in commercial facilities.

**Casey Talon**

Senior Research Analyst  
Energy

**Navigant Research**

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**Eric Dominguez**

Facilities, Engineering &  
Sustainability

**Caesars Entertainment**

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**Jessica Morris**

Director of Application  
Engineering

**Digital Lumens**

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**Jason Page**

Interim Executive  
Director

**Alliance for Sustainable  
Colorado**

**Michael Boyack**

Solutions

## Integrating Compliance Across a Major Acquisition

Director, EHS&amp;S

Xerox Corporation

The acquisition of a large company can present many EHS&S-related challenges, complexities, and opportunities. Legacy processes within the parent company often need to be adapted or updated significantly in order to effectively manage a wide range of new businesses and operations. This presentation will examine the EHS&S dimensions associated with the acquisition of Affiliated Computer Services (ACS) by Xerox Corporation in 2010 and the ongoing efforts to establish a harmonized approach across a global company with 130,000 employees and several hundred sites. The session will cover the significant challenges, lessons learned, and general approach to developing and implementing a practical compliance strategy within a large acquisition.

Topics to be discussed include:

11:15am-  
Noon

## Networking and Table Top Discussions

Attendees engage with their peers to discuss issues impacting their organizations, sharing challenges and solutions of what works and what doesn't!

Noon-  
12:30pm

CONCURRENT TRACKS

Product A

## Innovative Solutions for Environmental, Sustainability and Energy Decision-Makers

Product B

## Innovative Solutions for Environmental, Sustainability and Energy Decision-Makers

Dorney Douglass

Senior Director of the Operational Excellence &amp; Risk Management

Ensuring the Success of Global EMIS Projects

IHS

An EMIS underpins a company's management system and gives the company a place to outline its policies, risks, and performance. For example, if an organization has hundreds of

plants across the world, and each plant is left alone to choose how they're going to collect and manage hundreds or thousands of data points, everything being reported from the plants will be inconsistent: there is no way of knowing if data from plant one is measured the same way as plant two. This session will outline the key steps to ensure successful global EMIS projects and provide real stories of project implementations and results.

12:30pm-  
2:00pm

## Networking Lunch

Enjoy a fabulous meal from the Hyatt and network with speakers, attendees and vendors.

2:00pm

## Environmental Leader Conference Exhibits Close

2:00pm-  
2:40pm

### CONCURRENT TRACKS

Strategy

## Going Beyond Basic Regulatory Compliance and Eco Labeling Schemes: Making an Orderly Transition to Safer Chemicals, Materials and Products

This session will outline new tools, resources and transparency standards that are now available to help purchasers, product manufacturers and suppliers make better informed decisions about the chemicals, materials and alternatives. This presentation also features the role of supply chain transparency and chemicals management in driving the transition to safer and more sustainable products and processes.

Attendees will learn emerging chemical management and alternatives assessment standards, resources and tools including Health Product Declarations, BizNGO Guide to Safer Chemicals, Green Screen®, EPA Safer Choice, Life Cycle Assessments and Chemical Footprint Project.

In addition attendees will learn:

- How to attract more sustainable suppliers and build a

**Roger McFadden**

Ex-Vice  
President/Senior  
Scientist

**Staples**

**Justin Murrill**

Global Sustainability  
Manager

**Advanced Micro  
Devices (AMD)**

**Mark S. Rossi, PhD**

Executive Director

**Clean Production  
Action**

collaborative and transparent supplier relationship

- How to achieve direct and externality cost savings associated with eliminating or substantially reducing toxins and/or product based pollution in facilities, operations and supply chains
- How to identify products containing toxins and/or product based pollution in products
- How to request, compare and specify safer and more sustainable materials and product alternatives from product makers and suppliers
- How to establish, measure and improve product manufacturer and supplier accountability

### Solutions

## ISO Standards and your Sustainability and EHS Programs

ISO 14001:2015 maps out a framework that a company or organization can follow to set up an effective environmental management system. It can be used by any organization regardless of its activity or sector. Using ISO 14001:2015 can provide assurance to company management and employees as well as external stakeholders that environmental impact is being measured and improved. This session will cover:

- The major changes in the 2015 update
- Approaches to implementing the requirements
- What manufacturers may require from suppliers
- How to drive improvement with the requirement

### David Meyer

Senior Consultant,  
Manager

### BSI EHS Services and Solutions

### Steve Meyers

Sr. Director, Global  
Environment Health and  
Safety

### Quintiles

### Robert Polito

EHS Solution  
Engineer/SME

### cr360, a part of UL EHS Sustainability Team

### Keith McKnight

Program Manager - EHS  
Informatics

### Genentech

2:50pm-  
3:30pm

CONCURRENT TRACKS

**Strategy**

## Commercial and Industrial Strategies for Meeting Environmental Requirements

Join federal, state and industry leaders for a timely discussion of environmental reforms, regulations and procedures being used to promote transparent and environmentally-preferable processes.

Learn about the tools available to meet new reporting requirements and discuss timely EPA/Industry rules, such as:

- TSCA
- Boiler MACT
- Hazardous waste generator improvements
- Emissions rules
- eReporting initiatives

**Jeffrey Yorzyk, PE,  
CEM, MBA**

Senior Asset  
Sustainability Specialist,  
Government Services  
Division

**Cardno**

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**Craig Moyer**

Chair, Land,  
Environment and  
Natural Resources  
Practice

**Manatt, Phelps &  
Phillips**

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**Martha E. Rudolph**

Director of  
Environmental  
Programs

**Colorado Department  
of Public Health and  
Environment**

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**J R VanOrder**

Global Practice Director,  
Information  
Management

**CH2M**

**Solutions**

## Planning Regenerative Projects

This session will cover regenerative design and development and how systems such as buildings and agriculture can produce net benefits to natural systems and environmental quality. Panelists will provide information on the processes they have

**Josh Prigge**

Director of  
Regenerative  
Development

**Fetzer Vineyards**

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implemented and ways for other companies to approach projects and get started. The panel will discuss ways that companies approach projects which:

- Lower energy use and carbon emissions
- Improve biodiversity and water quality
- Sequester carbon

**Larry Black**

Senior Advisor

**Waste Management  
McDonough Innovation  
Collaboration**

**Rick Cables**

Vice President for  
Natural Resources and  
Conservation

**Vail Resorts**

3:40pm-  
4:20pm

CONCURRENT TRACKS

Strategy

## The Recycling Myth: Pitfalls of the Past and Present Leading to Disruptive Innovation in the Future

The challenge facing many corporations, goals to reduce waste, manage resources, or to be better stewards to the environment is that its policies are often 'incremental innovations' within its overall supply chain system. That is insufficient if the goal is to do so while also achieving market growth. There are many examples of this problem, such as the one that exists in the presenter's industry of consumer products and packaging waste, which is approximately 600-700 million beverage containers a day. Corporate leaders should consider different strategies for the future: ones that focus on environmental sustainability to achieve new markets and growth rather than seeking to retrofit existing markets and supply chain systems. This session will provide specific case examples of how the future of environmental sustainability will drive market growth, and vice versa, in the fields of:

- Consumer products
- Waste management
- Product development/material science

**Jack Buffington**

Supply Chain  
Leader/Post Doc  
Researcher

**Royal Institute of  
Technology/MillerCoors**

Solutions

**David Harpring**

## Solutions for Reducing your GHG Footprint

This panel will discuss innovative ways companies are addressing emissions and the reduction of greenhouse gases from their commercial and industrial operations. Learn the details on how companies plan projects and measure results.

Director, Global  
Engineering &  
Sustainability

**Yum! Brands**

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**Dr. Andree Blesgen**

Senior Process Engineer

**Evonik Corporation**

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**Ken Silverstein**

Editor in Chief

**Business Sector Media**

4:20pm-  
5:00pm

## Closing Keynote: Mitigating Company Water Risks

As the economic costs of severe weather and climate change increase, companies facing water scarcity should take steps to assess and mitigate their risks through active management.

This session will help companies:

- Understand the current state of water risks at the watershed level
- Engage internally at the facility or corporate level and externally with local stakeholders to evaluate the risks and impact
- Report externally and seek independent assurance
- Understand where water poses material risks to their operations and supply chains
- Develop a corporate water policy

**Nelson Switzer**

Chief Sustainability  
Officer

**Nestle Waters North  
America**

5:00pm

## Event Close



