

Kansas Department of Health and Environment
1000 SW Jackson St Ste 430

264-27

2017 Kansas Environmental Conference

**Capital Plaza Hotel & Manor
Conference Center
1717 SW Topeka Blvd
Topeka KS 66612**

August 8-10, 2017



2017 Kansas Environmental Conference Agenda-at-a-Glance

Tuesday, August 8

9:00 – 12:00	Hazardous Waste Generator Workshop Beginner - Shawnee Room
1:30 - 4:30	Hazardous Waste Generator Workshop Advanced - Shawnee Room
10:00 – 2:30	Clean Air Act Advisory Group (CAAAG) Meeting - Pioneer Room

12:00 – 5:00 Vendor Setup – Sunflower Ballroom

Wednesday, August 9

7:00 – 7:55 Breakfast Buffet in the Sunflower Ballroom

8:00 – 9:55
 Opening Plenary in Shawnee Room: Welcome and Opening Remarks Mayor of Topeka, Larry Wolgast (8:00 – 8:20)
 Kansas Environment Update, John Mitchell (8:20 – 8:40)
 Sunflower Journeys Presentation w/ Producer Jim Kelly (8:40 – 9:30)
Break time with refreshments & Vendor visiting time in the Sunflower Ballroom (9:30 – 9:55)

Time	Shawnee Room	Pioneer Room	River Room	Bison Room
10:00 – 11:00	VW Settlement Overview	Nanoparticles and Environmental Impacts	Bureau of Environmental Remediation's Bureau Director Update	P2 Intern Case Studies
11:00 – 11:10	<i>Mid-Morning Refresh Snacks and Drinks in the Sunflower Ballroom</i>			
11:15– 12:15	NoMa Park Brownfields Remediation Project & Remediation of 1,1,2 TCA via Soil Blending and Direct Injection at a Rail Car Cleaning Facility	Maintaining Continuous Compliance w/ Air Quality Regulations	Bureau of Water's Bureau Director Update	Update and Refresher on Hazardous Waste Generator Regulations

12:20 – 1:25 BBQ Buffet Lunch in the Sunflower Ballroom

Time	Shawnee Room	Pioneer Room	River Room	Bison Room
1:30 – 2:30	Bureau of Air's Bureau Director Update	Watershed Management Updates	Voluntary Cleanup Program	KDHE Online Tools
2:30 – 2:50	<i>Afternoon Break With Snacks and Refreshments in the Sunflower Ballroom</i>			
2:55 – 3:55	Environmental Impacts of Wind Development and Operations	USGS Water Related Activities Nationally and in Kansas	CLER Program and EUC vs. RMP	Bureau of Waste Management's Bureau Director Update
4:00 – 5:00	Emergency Response Requirements and Contingency Plans	Kansas Green Schools Program Overview	Construction Stormwater General Permit Requirements	Small Business Environmental Assistance (SBEAP) Online Tools

5:00 – 6:00	<i>Vendor Reception with snacks and refreshments – Sunflower Ballroom</i>			
6:00-8:00	Banquet Dinner w/ Pollution Prevention Awards- Sunflower Ballroom Master of Ceremonies- Jayson Massey, KDHE, Division of Environment Keynote Speaker – Brigadier General W. Chris King, Ph.D., P.E. <i>“Climate Change and Environmental Security in a Trump White House”</i>			
Thursday, August 10				
7:00 – 8:00	Breakfast Buffet – Sunflower Ballroom			
Time	Shawnee Room	Pioneer Room	River Room	Bison Room
8:10 – 9:10	Lawrence, KS Sustainability and STAR Program	Airosol Co., Inc. Fire	Lessons Learned: The Most Common Issues and Gaps Found in Environmental Compliance Audits	Agency for Toxic Substances and Disease Registry (ATSDR) Overview
9:15 – 10:15	Soil Based Remediation of Waste Water	Kansas Water Office Update	PFAS (Synthetic Fluorinated Chemicals) Overview	Industry Motivations for Implementing P2
10:20 – 10:50	<i>Morning Break with Snacks and Refreshments in the Sunflower Ballroom – Last Chance to Visit Vendors!</i>			
10:55 – 11:55	Closing Plenary: Frito-Lay Overview in Shawnee Room			
12:00 – 1:00	Lunch/Conference Closing/Prize Drawing – Sunflower Ballroom			
1:30 – 2:30	Optional Tour: Frito-Lay			

Conference Overview

The 2017 Kansas Environmental Conference, hosted by the Kansas Department of Health and Environment, will provide updates on environmental issues, new technologies, regulatory information and pollution prevention.

Goal

The goal of the conference is to provide businesses, industries, community leaders, consultants, and the public with an understanding of new regulations, current trends in environmental quality, new technologies and advantages of pollution prevention.

Who Should Attend?

The conference has been developed by a planning committee comprised of environmental managers and consultants, industrial engineers, and university staff. Anyone interested in environmental regulations, pollution prevention, new technologies or the status of the environment in Kansas is invited to attend.

Registration

Visit <https://www.kansas.gov/ssrv-kanpayxpr/welcome/services/BEFS/KEC11PRe57/additionalInformation.html> to register online, or complete the paper registration form in the agenda and mail it along with your \$150 registration fee through 5:00 p.m., July 22 to the address provided on the form. *If you wish to register after 5:00 p.m., July 22, an additional late fee of \$20 will be assessed. Late online registration is available at <https://www.kansas.gov/ssrv-kanpayxpr/welcome/services/BEFS/KEC11PRe7/additionalInformation.html> or you may complete the paper registration form in the agenda and mail it along with your \$170 registration fee.*

Certificates of Attendance and Professional Development Hours (PDHs)

Certificates of Attendance will be available to download after completion of the conference survey. This certificate, along with a copy of the agenda marked with sessions attended, will assist individuals needing to document professional development hours for their technical profession. It is up to each individual to determine how many PDHs were earned at the conference. For more information on documenting PDHs, visit the Kansas State Board of Technical Professions' website at <http://www.ksbtp.ks.gov/>.

Exhibitors

You are invited to register for a booth to display your services and/or products. Cost is \$400 and includes two paid conference registrations; an 8' clothed and skirted table and two chairs per table. Electricity (110 only) can be purchased for an additional \$10. Contact KDHE at 785-296-1526 for a vendor registration packet, or visit <https://www.kansas.gov/ssrv-kanpayxpr/welcome/services/BEFS/KEC11VRe9/additionalInformation.html> to register online.

Location and Accommodations

The conference will be held at the Capital Plaza Hotel & Manor Conference Center, 1717 SW Topeka Blvd, Topeka, KS 66612. Sleeping rooms have been blocked at a conference rate of \$89.00/single or \$99.00/double per night. Make your room reservation by clicking here <http://bookings.ihotelier.com/bookings.jsp?groupID=1752247&hotelID=13576> or by calling the hotel directly at 1-800-579-7937 or 1-620-669-9311 and mention you are part of the **KDHE Environmental Conference** to receive the conference rate. Please register before July 17th for the conference rate.

TUESDAY, AUGUST 8

8:30 – 5:00 Registration

12:00 – 5:00 Vendors Set Up

9:00 – 4:30 Hazardous Waste Generator Workshops

Room: Shawnee

Be the first to attend the 2017

Hazardous Waste Generator

Workshops. The morning session (9:00 – 12:00) will be a general overview of the basic hazardous waste generator

requirements. The afternoon session (1:30 – 4:30) will cover more advanced topics in hazardous waste. There is no cost to attend the workshops. Beverage and lunch is on your own. *KDHE's Bureau of Waste Mgmt.*

10:00 – 2:30 Clean Air Act

Advisory Group (CAAAG) Room: Pioneer Bureau of Air gives stakeholders the chance to provide input into the policies and procedures of the air program through meetings of the KS CAAAG. There is a \$30.00 fee to attend the CAAAG meeting. Lunch will be provided. Space is limited to 100.

WEDNESDAY, AUGUST 9

7:00 – 7:55 Registration / Breakfast Buffet *Breakfast located in the Sunflower Ballroom.*

8:00 – 9:30 Welcome & Opening Plenary

Room: Sunflower Ballroom

Introduction to the Conference and Topeka

Larry Wolgast, Mayor of Topeka.

State of the Kansas Environment

John Mitchell, KDHE's Division of Environment Director.

Sunflower Journeys Video Presentation

Jim Kelly, Producer.

9:30 – 9:55 Reenergize with refreshments and snacks and visit our vendors in the Sunflower Ballroom!

10:00 – 11:00 Concurrent Sessions

Room: Shawnee

VW Settlement Overview

An overview of the recent consent decrees reached between EPA and VW involving 2.0 and 3.0 liter engines. What it means to the States in regards to funds awarded to the states and how these funds can be used. The discussion will include the status of the settlement and the milestones that must be met by the beneficiaries (States).

Gregory Crable, EPA Region 7

Room: Pioneer

Nanoparticles and Environmental Impacts

The technology that could “save us, destroy us or something in between.” A brief description of nanoparticles, benefits and concerns, primarily focusing on wastewater treatment and impacts to the receiving stream.

Rebecca Lewis, City of Wichita

Room: River

Bureau of Environmental Remediation (BER) Update

BER will provide an update on specific topics, regulations, policies and initiatives.

Leo Henning, KDHE BER Director

Room: Bison

Pollution Prevention (P2) Intern Case Studies

More than 11 million dollars in savings have been identified for host industries working with P2 interns and the summer 2017 results will add to the totals. Multiple Kansas industries are working with these interns, come learn how interns help industry with their triple bottom line.

Kevin Moluf, K-State Pollution Prevention Institute

11:00 – 11:10 Mid-Morning Refresh with snacks and drinks in the Sunflower Ballroom.

11:15 – 12:15 Concurrent Sessions

Room: Shawnee

NoMa Park Brownfields Remediation Project

The restoration and return to beneficial reuse of drastically disturbed sites in urban environments is a key focus of the US EPA Brownfields program. This presentation will discuss the issues involved in overcoming the roadblock of old legacy contamination to redevelop properties, including investigation of site conditions, calculating potential exposure risks, and the use of soil reconditioning and native plants to facilitate remediation. The presentation will feature case studies from several high-profile Brownfields projects, including the NoMa Park urban restoration project in Washington DC. Lessons learned will provide a useful case study for pursuing similar Brownfields redevelopment opportunities in the State of Kansas.

Ted Hartsig, Olson Associates

Remediation of 1,1,2 TCA via Soil Blending and Direct Injection at a Rail Car Cleaning Facility

Discussion on the design and implementation of an innovative in-situ remediation strategy utilizing a chemical reducing amendment and soil blending to treat a contamination source area impacted by chlorinated volatile organic compounds. To date, the groundwater analytical sampling results indicate post-implementation percent reductions are greater than 99 percent in the most highly impacted source area monitoring wells

Timothy Adams, Roux Environmental Consulting & Management

Room: Pioneer

Maintaining Continuous Compliance w/ Air Quality Regulations

Maintaining compliance with air quality regulatory requirements for most sources is not rocket science; even so, well thought out plans make the process smoother and less likely to miss something. Good plan development identifies all requirements and establishes customized, user-friendly compliance steps through communication with the applicable staff that will be performing the actions. Join us as we share what we have learned by helping several Kansas emission sources develop compliance maintenance plans. As an added bonus, we will provide keys to successfully coordinating emissions testing programs for permit and/or contract compliance.

Brian Peterman, Steve Babler, Taylor Dunworth, Segal Inc.

Room: River

Bureau of Water's Bureau Director Update

BOW will provide an update on specific topics, regulations, policies, and initiatives.

Jaime Gaggero, KDHE BOW Director

Room: Bison

Update and Refresher on Hazardous Waste Generator Regulations

This presentation will provide a basic refresher on regulatory requirements for most hazardous waste generators. In addition, this topic will cover a few updates regarding the Kansas hazardous waste regulations including information about the EPA Generator Improvements Rule.

Brian Burbeck, KDHE BWM

12:20 – 1:25 BBQ Lunch Buffet

Room: Sunflower Ballroom

If you have special dietary needs, please indicate this on your registration form.

1:30 – 2:30 Concurrent Sessions

Room: Shawnee

Bureau of Air (BOA) Update

BOA will provide an update on specific topics, regulations, policies and initiatives.

Rick Brunetti, KDHE BOA Director

Room: Pioneer

Watershed Management Updates

Watershed Plan updates, Aerial Assessment protocol, Watershed coordinator development with mapping tools, and soil health benefits for water quality. Local Environmental Protection Program (LEPP), what is the LEPP and what do we do. Also included will be some interesting case studies regarding onsite wastewater systems and private water supplies and briefly touch on domestic graywater reuse guidelines.

Ann D'Alfonso and Andy Lyons, KDHE BOW

Room: River

Voluntary Cleanup Program

What's new in the Voluntary Cleanup Program? A comprehensive review of the VCPRP regulation changes and summary of program policies.

Deanna Ross, KDHE BER

Room: Bison

KDHE Online Tools

KDHE provides many public web map applications and other online tools in an effort to improve state government transparency. This presentation will highlight and explore the online tools available to quickly find environmental data.

Nolita LaVoie, KDHE, GIS

2:30 – 2:50 Get refreshed with yummy snacks and beverages in the Sunflower Ballroom!

2:55 – 3:55 Concurrent Sessions

Room: Shawnee

Environmental Impacts of Wind Development and Operations

Panel discussion pertaining to wind power and environmental issues.

Brad Loveless, Westar Energy, Chris O'Meilia, US Fish and Wildlife Service, Eric Ryan Johnson, Westar Energy, Jenni Dean, Tradewind Energy, Jordan Hofmeier, Kansas Department of Wildlife, Parks and Tourism

Room: Pioneer

USGS Water Related Activities Nationally and in Kansas

An overview of USGS programs and some specific national and Kansas examples for sediment and nutrient transport and trends, Gulf Hypoxia, contaminants of emerging concern, cyano harmful algal blooms, water quantity and quality modeling and trends, assessments of environmental flows, urban water quality, managed aquifer recharge, produced waters, seismicity, and water availability and use.

Andrew Ziegler, USGS

Room: River

CLER Program and EUC vs. RMP

BER has implemented two new programs in the last year – Certificate of Environmental Liability Release (CELR) & Risk Management Program (RMP). CELR provides state liability relief to prospective purchasers to encourage redevelopment and reuse of contaminated properties. RMP is a mechanism, similar to the EUC, for voluntary or responsible parties to address and manage risk at their BER sites. This presentation will include overviews of the CELR and RMP, program eligibility requirements, and lessons learned over the first year of implementation.

Andrea Schiller, KDHE BER

Room: Bison

Bureau of Waste Management (BWM) Update

BWM will provide an update on specific topics, regulations, policies and initiatives.

William Bider, KDHE BWM Director

4:00 – 5:00 Concurrent Sessions

Room: Shawnee

Emergency Response Requirements and Contingency Plans

EPA Federal On-Scene Coordinator Eric Nold will discuss what to expect when EPA shows up on a response and how the federal responders will integrate with State, Local, and Responsible Party responders and under what authorities. Nold will also discuss the National Contingency Plan (NCP), combined Regional Integrated Contingency Plan (RICP), and Sub-Area Plans. Reporting requirements and responsibilities will also be reviewed.

Eric Nold, EPA Region 7

Room: Pioneer

Kansas Green Schools Program Overview

Supporting K-12 student led data collection and action planning to reduce environmental impacts including air quality, water conservation and quality, waste and recycling, healthy school environments and supporting outdoor learning and habitat. See the investigations and hear examples of school achievements. Green Schools help to prepare tomorrow's citizens to make informed and responsible decisions about the environment--find out how you can be involved!

Laura Downey, KACEE, Director

Room: River

Construction Stormwater General Permit Requirements

An overview of the reissued 2017 NPDES Construction Stormwater General Permit including revised inspection and stabilization requirements, clarification of exempt activities, transfer and termination of permit coverage and the latest EPA updates.

Larry Hook, KDHE BOW

Room: Bison

Small Business Environmental Assistance (SBEAP)

Online Tools

Did you know the Kansas SBEAP has more than a dozen different calculators and online tools at www.sbeap.org? Join us for this session that will take you on a tour of its various air quality, waste management and storage tank tools.

Barbara Goode, Lynelle Ladd, K-State PPI

5:00 – 6:00 Vendor Reception – Sunflower Ballroom

Join us for delicious snacks and other refreshments while visiting with our vendors in a relaxed atmosphere.

6:00 - 8:00 Banquet Dinner w/ Pollution Prevention

Awards- Sunflower Ballroom

Don't miss out on this! This evening we will be awarding the Pollution Prevention awards! Enjoy a plated dinner while listening to keynote speaker, **General W. Chris King, Ph.D., P.E.** speak on "*Climate Change and Environmental Security in a Trump White House*".

This evening's master of ceremonies will be Jayson Massey from KDHE's Division of Environment

THURSDAY, AUGUST 10

7:00 – 8:00 Breakfast Buffet – Sunflower Ballroom Start your day right with a hearty breakfast!

8:10 - 9:10 Concurrent Sessions

Room: Shawnee

Lawrence, KS Sustainability and STAR Program

Interested in how cities are measuring sustainability progress? Come learn about the City of Lawrence's STAR certification, a nationally-recognized, voluntary program that cities are using to quantify their progress towards sustainability. Come learn about how cities are using this metrics based system to try to quantify local government progress in environmental protection, economic vitality, and social equity.

Eileen Horn, Douglas County, Sustainability Coordinator

Room: Pioneer

Airosol Co., Inc. Fire

KDHE's emergency response activities associated with the fire at the Airosol plant in Neodesha, KS.

Cathy Tucker-Vogel, KDHE, BOW

Room: River

Lessons Learned: The Most Common Issues and Gaps Found in Environmental Compliance Audits

Environmental audits can serve as a useful tool when looking to identify gaps, or even a starting point, for new and existing facilities. Nikki Chavez has conducted over 80 environmental audits at industrial facilities. In this presentation, she will identify the most common environmental gaps and trouble points she's observed in the areas of waste, water, air and overall compliance.

Nikki Chavez, iSi Environmental

Room: River (continued)

Design and Construction Requirements for Environmental Controls

Lessons learned and Best Management Practices (BMPs) for the design, construction, and operation for environmental controls including stormwater and waste management for industrial sites:

Design – Regulatory framework and Best Management Practice approach and implementation through design for stormwater controls.

Construction and Operation – Requirements and methods for construction for the implementation, maintenance of controls.

Michelle Spruth and Leonard Dougher, APTIM Environmental & Infrastructure

Room: Bison

Agency for Toxic Substances and Disease Registry (ATSDR) Overview

The Agency for Toxic Substances and Disease Registry (ATSDR) is a federal public health agency of the U.S. Department of Health and Human Services administered by the Centers for Disease Control and Prevention. ATSDR protects communities from harmful health effects related to exposure to hazardous substances. ATSDR responds to environmental health emergencies, investigates emerging environmental health threats, researches health impacts at hazardous waste sites, and helps build capacity to state and local health partners.

Erin Evans, ATSDR

9:15 – 10:15 Concurrent Sessions

Room: Shawnee

Soil Based Remediation of Wastewater

Soil-based constructed wetland treatment systems can successfully be used for further polishing wastewaters (such as flue-gas desulfurization-FGD wastewater) to remove potentially toxic trace contaminants (such as selenium) as well as many other trace constituents. This presentation focusses on opportunities and challenges associated with meeting water quality standards and future demands using this approach.

Dr. Ganga Hettiarachchi, K-State, Professor of Soil and Environmental Chemistry

Room: Pioneer

Kansas Water Office Update

The director of the Kansas Water Office will provide an updated report.

Tracy Streeter, KWO, Director

Room: River

PFAS (Synthetic Fluorinated Chemicals) Overview

PFAS are a class of synthetic fluorinated chemicals used in many industrial and consumer products, including defense-related applications. They are persistent, found at low levels in the environment, and bio-accumulate.

The sources which can release significant quantities of PFAS to the environment are various, it could be, industrial and municipal wastewater treatment plants (e.g. from textile industry, chrome-plating industry, among others), landfill leachate treatment plants, fire-fighting incidents and fire-fighting training areas (e.g., at airports, fuel production and storage facilities) and landfills.

Harry Behzadi, SGS North America, Inc.

Room: Bison

Industry Motivations for Implementing P2

Come learn what motivates Kansas industries to go way beyond compliance to implement P2, save \$ and reduce compliance burdens.

Katy Goering, The Coleman Company, Inc. and Nancy Larson, K-State Pollution Prevention Institute

10:20 – 10:50 Reboot with a bite to eat. Last chance to visit our Vendors in Sunflower Ballroom!

10:55 – 11:55 Closing Plenary

Room: Sunflower Ballroom

Frito-Lay

Overview of Frito-Lay production plant in Topeka, Kansas.

Jim Robinson, Project and Environmental Manager – PepsiCo

12:00 – 1:00 Mexican Buffet Lunch

Room: Sunflower Ballroom

If you have special dietary needs, please indicate this on your registration form.

FRITO-LAY TOUR

Join us following the conference on Thursday, August 10 for a tour of Frito-Lay.

Tour begins at 1:30 p.m. lasting approximately 90 minutes. Participants will drive themselves. Everyone is required to have closed toed shoes (heels are not recommended), no ear rings, visible piercings, rings containing stones (plain wedding bands are allowed), no sleeveless shirts, no shorts or dresses. Watches and other jewelry will have to be removed prior to touring. Frito-Lay will provide hair nets, beard nets and safety glasses for all participants. Headsets will also be provided so you can hear the tour guide. Requires walking about a mile total. *Space is limited to 20 participants – sign up right away!*

Please be advised this schedule is subject to change.



To register online for \$150 through 5:00 p.m., July 22*, go to:

<https://www.kansas.gov/ssrv-kanpayxpr/welcome/services/BEFS/KEC11PRe57/additionalInformation.html>

Payment methods accepted online include:

MasterCard, Visa, Discover, American Express, and Electronic Checks.

**If you wish to register after 5:00 p.m., July 22, an additional late fee of \$20 will be assessed:*

<https://www.kansas.gov/ssrv-kanpayxpr/welcome/services/BEFS/KEC11PRe7/additionalInformation.html>

The registration fee for the conference is **\$150** through 5:00 p.m., July 22. *After 5:00 p.m., July 22, the registration fee increases to **\$170**.*

Kansas Environmental Conference
August 8-10, 2016

Name:

Organization:

Address:

City:

State:

Zip:

Telephone:

Fax:

E-Mail: (registrations will be confirmed by e-mail)

Please indicate the type of organization you represent:

small business (≤ 100 employees) large business (> 100 employees) state or federal government
consultant county/municipality other _____

Check the events you plan on attending, and provide dietary requests you might have:

Tuesday, August 8, Beginner Hazardous Waste Generator Workshop (9:00-12:00)
Tuesday, August 8, Advanced Hazardous Waste Generator Workshop (1:30-4:30)
Tuesday, August 8, CAAAG Meeting (10:00 – 2:30) (\$30 fee). *Limited to 100.*

Wednesday, August 9 Breakfast Buffet

Wednesday, August 9 Lunch Buffet

Wednesday, August 9 Vendor Reception.

Wednesday, August 9 P2 Awards Banquet Dinner w/ Keynote Speaker Brigadier General W. Chris King, Ph.D., P.E.

Please indicate if you plan on bringing guest(s) with you to dinner (\$30.00 each). If your guests have a special dietary request, such as vegetarian or gluten-free meals, please indicate their need in the added line. _____

Check here if you have a special dietary request
Describe: _____

Thursday, August 10 Breakfast Buffet

Thursday, August 10 Lunch Buffett

Optional tour following conference

Thursday, August 10 Frito-Lay Tour 1:30 p.m. – 2:30 p.m. **Limited to 20.**

Please indicate if you have any special needs: _____

Mail this registration form along with payment of \$150 (plus \$30 if attending CAAAG Meeting & \$30 per additional dinner guest) to:

Kansas Environmental Conference
KDHE
1000 SW Jackson St, Suite 430
Topeka, KS 66612-1367

Cancellation Policy: Registrations may be cancelled until August 3 upon receipt of written request. The conference fee will be refunded, less a \$10 handling fee. No refunds will be made after August 3; however, substitutions are permitted.

Make check or money order payable to: KDHE Training Fee Fund