



CALL FOR PRESENTATIONS AND POSTERS

The 2018 Food & Beverage Environmental Conference (FBEC) presents the 48th gathering of food and beverage industry environmental professionals, their environmental consultants and vendors, and the academic community to share environmental engineering knowledge and experiences. There are no published conference proceedings and no sales pitches so that the presentations, posters and subsequent discussions can be more candid and enlightening. Presentations are delivered in a single-track, general session format to allow the greatest participation possible. Posters receive maximum interaction and exposure during scheduled networking sessions.

With the above in mind, we are pleased to issue this **Call for Presentations** and **Call for Posters** to the food and beverage processing and academic communities and their environmental consultant and vendor partners.

The theme of the 48th Food & Beverage Environmental Conference is:

Environmental Stewardship: Moving into the Future While Keeping an Eye on the Past.

Attached is a list of the session topics, along with a brief description of the purpose and objective of each session. The presentations should focus on actual case examples from the food and beverage industry. We encourage examples of successes, failures, and lessons learned.

To ensure proper and timely consideration, interested parties must complete the attached Presentation Proposal Form and/or Poster Proposal Form and return it to the Conference Chair, Greg Parks, by **November 3, 2017**. Accepted posters and papers will be notified December 7, 2017. Additional applications will be considered after those dates, subject to availability.

We look forward to your participation in this valuable and worthwhile food and beverage industry event.

Greg Parks, Conference Chair, FBEC 2018

Phone: (201) 336-2544

Email: gparks@worldwaterworks.com

2018



48th FOOD + BEVERAGE
**ENVIRONMENTAL
CONFERENCE**

March 25-28, 2018

SESSION DESCRIPTIONS

1. Energy Sourcing and Management

Chair: Walter Kraus, Weston Foods

Co-Chair: Dan Burgard, Cascade Earth Sciences

Description: It is no longer sufficient to track your utility bills on a spreadsheet. Knowing where your energy comes from and how it is used within your facility not only informs your managers, it influences your carbon footprint and can certainly lead to cost savings. This session will outline the concept of active energy management for a facility and provide plant floor examples of where to find the dollars (and pennies) on the plant floor.

2. Drivers to Improve Air Quality

Chair: Joan Meyer, MillerCoors

Co-chair: Jasmine Sodemann, Gannett Fleming, Rachael Izdepski, Saga Environmental & Engineering

Description: Engage with food & beverage processors to hear about air quality issues related to a myriad of drivers including permitting and regulatory compliance, energy efficiency, cost savings and sustainability goals. Air permitting can be the critical pathway to construction of a new project. Regulatory compliance may drive the need for emission control systems. Energy efficiency projects that reduce air emissions may be justifiable due to the cost payback and quick return on investment. Corporate sustainability goals may drive renewable energy projects that also result in emissions reductions. Case studies will provide food & beverage industry experience and results.

3. Regulatory Updates/Hot Topics

Chair: Steve Muilenburg, Jack Links

Co-chair: Stephen Nelson, Coal Creek Environmental

Description: This session will present information on significant regulatory trends and enforcement. Issues to be addressed include: changes to enforcement priorities and activities under the new administration in Washington, D.C., activities occurring at state and local agencies in response to changes in federal actions, the state of flux in greenhouse gas emissions activities, perspectives on whether current leadership and programs are leading to long-term changes in agency actions and significant changes in regulations and enforcement activities of key interest to food and beverage companies.

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4. Enforcement and Compliance Horror Stories

Chair: Josh Milleson, Land O'Lakes

Co-Chair: Jeff Van Voorhis, Symbiont

Description: Environmental case studies which result in unique interaction with regulators happen more than we like. This session can be used as lessons learned or what not to do for other manufacturers.

5. Environmental Management: Sharing Systems & Strategies that Increase Effectiveness

Chair: Paul Simpson, Monogram Foods

Co-chair: Reggie Prime, Matrix New World Engineering

Description: With multiple plants and distribution centers to manage, environmental professionals must have the right strategies and systems in place to ensure compliance risks are properly managed and sustainability activities can thrive. There is more than one way to develop and implement successful environmental, health & safety (EHS) management systems in the food and beverage manufacturing and distribution space. However, there is no one size fits all way to achieve this mandate. This session will highlight strategies and systems that have led to successful results for some food and beverage processors.

6. Supply Chain & Sustainable Agriculture

Chair: Rob Meyers, PepsiCo

Co-chair: Mark Johnson, Gannett Fleming

Description: The food and beverage industry relies on continued access to the key agricultural raw materials necessary to supply growing consumer needs while respecting the environment and communities involved in producing those raw materials. This session will include examples of sustainability efforts in agricultural supply chains aimed at making farming more profitable while caring for farm animals, preserve natural resources, contributing to developing communities and reducing environmental impact and risk.

7. Community Outreach and Consultation

Chair: John Kirkpatrick, Basic American Foods

Co-chair: Anne Tennier, Anne Tennier Consulting, Inc.

Description: Increasingly, communities want to be involved in decisions that have the potential to impact their quality of life, with environmental issues often being front and center. Similarly, regulators expect companies to effectively communicate with plant neighbors prior to issuing permits for new facilities or expanded operations. Consultants are often called upon to support consultation efforts. This session will focus on the role that

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community outreach consultation plays in the permitting process and peaceful co-existence with neighbors, and how to do it effectively to ensure a successful outcome for both the facility and the community at large.

8. **LEED**

Chair: Matt Gabris, Aryzta

Co-chair: Kevin Conroy, Tetra Tech

Description: This session will cover everything you need to know regarding LEED and Envision certification. The chairs are looking for speakers to discuss their experiences throughout the certification process.

9. **Water Supply Risk Management**

Chair: Chris Wolfe, Bimbo Bakeries

Co-chair: David Drew, Gannett Fleming

Description: This session will cover topics and case studies that include: public and private water supplies and methods to assess future changes in quantity, quality and availability to meet production needs, in-plant risks associated with undervaluing the true cost of water and associated operational risks and industry trends toward managing water supply risks including supply chain impacts.

10. **Storm Water Management**

Chair: Michael Boese, Amazon

Co-Chair: Justin Olson, World Water Works

Description: This session will cover an organization's issues overcoming a common storm water management challenge at one location or across many facilities, a plan-of-action to meet an upcoming regulation and an interesting storm water management story that may be valuable to share with your peers across the food and beverage industry.

11. **Waste Management & Residuals: I Have All of This Food Waste...Now What?**

Chair: Ian Toevs, Lamb Weston

Co-Chair: Scott Oliver, ISC

Description: Food production inherently results in the generation of food by-product. How do you deal with it? Is it a waste? Or is it a beneficial, even potentially income generating resource? Times are gone when it was acceptable, not to mention cost-effective, to dispose of food by-products in the landfill. In fact, some states have made it illegal to send food waste to the landfill. So now what? This session will provide insight on what some innovative food processors are doing with their food waste.

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12. Wastewater Panel Discussion

Chair: TBD

Co-Chair: Brian Arntsen, GE

Description: See additional info on page six of this document.

13. Ad-hoc Session: EHS Recruitment

Chair: Bob Zimmerman, Campbell Soup Co.

Co-chair: Joe Volpe, Geosyntec Consultants

Description: A time to hear about the current technologies and systems that are attracting new employees, what they are looking for and some strategies to retain employees. A panel will then discuss how these ideas are playing out in their companies and share some of their real-world challenges.

14. Ad-hoc Session: Public Data Risk and Online Environmental Records

Chair: Larry Perry, PepsiCo

Co-chair: Jasmine Sodemann, Gannett Fleming

Description: Have you reviewed your stack details lately? Even if your facility has never required air dispersion modeling, the U.S. EPA is using stack details and emissions data you've submitted to the state and local agencies to model cancer and respiratory hazard risks from your facility and publish it online using their National Air Toxics Assessment mapping application (NATA App). The EPA and state and local agencies have publicly accessible online databases for air, water, waste, compliance records and other facility data. Google Earth can be used to conduct roof-top inspections. Have you reviewed what the public "knows" about your facility? Given the current political climate, public interest may be more critical than ever as a driver for environmental issues. Join this session to discuss examples for publicly broadcast information on health risks, releases and other environmental records identified with sources like yours.

Session 12: Wastewater Panel Discussion

Chair: TBD

Co-Chair: Brian Arnsten, GE

When: Wednesday, March 28, 2018 from 1:15 – 2:45 p.m.

Description:

This is an open forum panel discussion related to wastewater treatment, minimization and reuse, waste to energy concept, permit compliance etc.

Format:

- On-stage expert panel consisting of: Two (2) wastewater equipment manufacturers, two (2) engineering consultants and two (2) food and beverage industry representatives
- A moderator who will briefly introduce all members of the expert panel.
- The moderator will open the floor to the audience members for questions/challenges related to the wastewater industry; specifically, those effecting food and beverage manufacturers
 - If no questions are asked, the moderator will be supplied with 5-10 questions that they will ask the panel. The floor will remain open for questions as the audience may come up with questions as the session proceeds.

Moderator:

The responsibility of the moderator will be to distribute the questions asked to the panel on-stage. One member of the panel (selected by the moderator) will be asked the question first and then the question will be opened to the entire panel to provide their opinions/experience/feedback/expertise in an open forum discussion concept. The moderator will control the discussion to keep "on-topic" and ensure that everyone has the opportunity to speak. Also, the moderator should present follow-up and clarification questions that they develop as well as those that may come from the audience.

***Please note that this is not an opportunity for a "sales pitch;" answers should be kept supplier neutral without supporting or promoting any specific organization or supplier.*

Panel:

The responsibility of the panel is to share their experience, knowledge and opinions as it related to the questions presented by the moderator. They should do their best to remain on-topic (as it related to each questions) and to present responses



that are practical and relevant to the food and beverage industry. Responses from the panel members should be kept short and precise to maximize the amount of time for questions and allow for the most value to the audience.

Members of the panel will be selected by the Chair, Co-Chair and Conference Chair, and will be notified of their selection a few weeks prior to the conference. The members of the panel will NOT need to prepare or present anything specific as this is an “open forum discussion” format. Panelist will consist of food and beverage industry representatives, engineers/consultants and wastewater equipment and technology providers.

Needs:

- Those interested in sitting on the expert panel need to submit a resume, or a few paragraphs providing your current work experience and background, to the Chair & Co-Chair for review.

POSTER SESSION

Chair: Jane Kettler, Johnsonville Sausage, LLC

Co-Chair: Lloyd Snyder, Woodard & Curran

INTRODUCTION

The Food & Beverage Environmental Conference (FBEC) Poster Session, held both Monday and Wednesday evenings of the conference, provides a socially-conducive forum for presentations of a broad array of technical subjects to conference attendees. Lively, informal interaction between presenters and attendees should promote mutual learning and help in developing professional contacts.

A poster is a presentation that conveys a technical topic, with the authors present to guide the viewer and answer questions. Posters can be traditional documents mounted on freestanding bulletin boards, or can be information displayed via alternative media. Posters work best when they address a specific situation and are divided into sections such as problem definition, goals, activities undertaken and results. Graphical material such as diagrams, photograms and charts can aid in effective communication.

All poster proposals will initially be accepted by the poster session chair and co-chair. A Technical Review Committee will review final poster submittals for accuracy and applicability. Additional guidelines will be provided to accepted posters.

Posters are welcome that address the theme or any of the session topics of this year's conference. Suggested topics are:

- Innovative Technologies
- Air Pollution Strategies
- Leveraging Information Technology
- Globalization Impact
- Water Reuse
- Public/Private Partnerships

This year there are three poster categories. When submitting the abstract, please note the appropriate category:

1. Project Poster – Poster must be approved for presentation by the food and beverage processor. Attendance by that processor at the poster session is strongly encouraged, but not mandatory.
2. Student Poster – Students are encouraged to present their research as it relates to addressing problems within the food and beverage industry.
3. Innovative Solutions – Posters in this category do not require a food and beverage processor. This poster will present a new technical solution that the industry could benefit from. It can address current or new problems on the horizon.

PRESENTATION PROPOSAL

Date Submitted: _____

Presenter Name	Company	Phone	Email

NOTE: Lead Presenter must be from a Food or Beverage Company or from Academia. Presentation Guidelines will be issued for all presentations that are accepted.

Please ✓ the session where you believe your presentation will fit:

<input type="checkbox"/>	Energy Sourcing & Management	<input type="checkbox"/>	Supply Chain & Sustainable Agriculture
<input type="checkbox"/>	Air Quality	<input type="checkbox"/>	Community Outreach Consultation
<input type="checkbox"/>	Regulatory Updates/Hot Topics	<input type="checkbox"/>	LEED
<input type="checkbox"/>	EHS Recruitment	<input type="checkbox"/>	Water Supply Risk Management
<input type="checkbox"/>	Public Data Risk	<input type="checkbox"/>	Storm Water Management
<input type="checkbox"/>	Enforcement Horror Stories	<input type="checkbox"/>	Waste Management (Food & Residuals)
<input type="checkbox"/>	Environmental Management	<input type="checkbox"/>	Wastewater

Presentation

Title: _____

Presentation Abstract: (continue on additional page if necessary)

NOTE: There may be an opportunity to deliver a presentation as a poster in the poster Session.

Submit to:

Greg Parks, Conference Chair, FBEC 2018

Email: gparks@worldwaterworks.com



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POSTER PROPOSAL

Date Submitted: _____

Presenter Name	Company	Phone Number	Email

***NOTE:** Poster Guidelines will be issued for all presentations that are accepted.*

Poster Title: _____

Poster Category (please check the applicable category)

- 1. Project**
- 2. Student**
- 3. Innovative Solutions**

Poster Abstract: (continue on additional page if necessary)

***NOTE:** There may be an opportunity to deliver a poster as a presentation in the General Session.*

Submit to:

Lloyd Snyder, Posters Co-Chair, FBEC 2018

Email: lsnyder@woodardcurran.com