

Sunday, May 5, 2019

PRESENTED BY

LANGAN

6:00 PM 8:00 PM Exhibitor Set-Up

8:00 PM 10:00 PM Welcome Reception

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Monday, May 6, 2019

7:00AM 5:00 PM Registration

7:00 AM 8:00 AM Breakfast

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8:00 AM 8:30 AM Welcome and Opening Remarks: Chairwoman Waller

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8:30 AM 9:30 AM Opening Keynote: Tom Szaky

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The Future of Packaging

9:30 AM 10:00 AM Networking Break

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10:00 AM 11:00 AM Breakout Sessions

Breakout 1 Applying a Construction Management Approach to Remediation provides many benefits

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Typical environmental consulting companies are staffed with talented engineers and scientists who are good at identifying and delineating contamination, developing remedial strategies, and negotiating with regulatory agencies on behalf of their clients to achieve Site clean-up. However, implementing a complex remediation project requires a different set of skills that are more attuned to a construction project. Understanding the "constructability" of a particular remedial action is often times an entirely different skill-set. Integrating remediation projects into the entire overall plan for Site development and executing remediation projects properly requires both the science and construction skills – and will benefit the overall site development.

Breakout 2 Breaking the Mold: Finally, An Affordable Solution to Power Outages

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As society marches toward digitalization, we require continuous power to perform even the simplest of activities. The electric grid, however, is becoming more vulnerable to disturbances, which have the potential to impact operations. These disturbances come in many forms including extreme weather events, cyber-attacks or even human error. To function, organizations must be prepared to endure, minimize and recover from disruptive power outages, both large and small. This session examines how one company's behind-the-meter natural gas resiliency microgrids protect customers from these disruptive outages while providing other benefits such as cost savings through capacity management. The belief that power outages and high capacity management charges are too expensive to fix has become a misconception, as there is now an affordable solution to combat high energy costs and prevent outages completely.

11:00 AM 12:00 PM NJDEP's New Environmental Justice Agenda - Leading with Enforcement

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On December 6, 2018, NJDEP Commissioner Catherine R. McCabe and Attorney General Gurbir S. Grewal announced the filing of eight lawsuits focused on addressing pollution and environmental hazards in minority and low-income communities across the State, marking the beginning of New Jersey's new "environmental justice agenda." Environmental justice is a complex issue that elected officials, regulators and communities have struggled with for more than two decades. This panel will: (1) explore the legal and regulatory issues surrounding environmental justice actions and programs at both the State and Federal level; (2) provide insight and input from key decision makers from NJDEP, the Attorney General's Office, and NJDEP's Environmental Justice Advisory Council regarding New Jersey's new environmental justice initiative; and (3) present questions on key environmental justice issues for discussion by the panel members and the audience regarding the benefits of and potential issues associated with NJDEP's new approach to environmental justice.

12:00 PM 1:00 PM Lunch

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12:30 PM 1:15 PM Afternoon Keynote: Greg Schwem

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Work, Laugh, Repeat: How Technology Contributes to a Funnier World

Monday, May 6, 2019

1:30 PM 2:30 PM

NJDEP's Renewed NRD Program: Update and Tips from NRD Practitioners

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Thorough discussion of State's recent efforts to bolster and strengthen NJDEP's Natural Resource Damages program, which includes the filing of at least four (4) new NRD lawsuits, with more anticipated. The presentation will discuss the evolution of NJDEP's NRD program, the recent lawsuits, political discussions and efforts to regulate NRD, how to evaluate and quantify potential NRD exposure, and practice tips for resolving NRD liability without litigation.

2:30 PM 3:30 PM

Breakout Sessions

Breakout 3

In-Situ Chemical Oxidation Incorporating Slow Release Cylinders ("Permanganate Candles") for Remediation of a TCE Groundwater Plume in Fractured Crystalline Bedrock

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Environmental Remediation using innovative technology, and a focus on differentiating between overall contaminant mass and concentrations.

Breakout 4

Cybersecurity and Industrial Control Systems

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In the wake of the TRISIS malware attack in November 2017, an attack that targeted the safety system of a Middle East manufacturer, developing a robust industrial control system (ICS) cybersecurity program has never been more important to the protection of manufacturing and production systems everywhere. The attack demonstrated capabilities and methodologies that before then had not been used before. In addition, the choice of target for the attack (a safety system operating within a manufacturing ICS) indicated a malicious intent, different from other malware attacks seeking to gain access to monetary or personal information for exploitation by the attacker. This attack appeared to be sole targeted to disrupt production and harm equipment and/or personnel.

3:30 PM 4:00 PM

Networking Break

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4:00 PM 5:00 PM

Legislative Session

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6:00 PM 7:00 PM

Cocktail Reception

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7:00 PM 8:30 PM

Dinner

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8:30 PM 10:30 PM

After Dinner Reception

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Tuesday, May 7, 2019

7:00 AM 8:00 AM Breakfast

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8:00 AM 8:15 AM Exhibitor Door Prizes

8:15 AM 9:00 AM Decisions, decisions: Choosing the right safety management system

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Today's leading chemical companies all have well-established health and safety programs to keep them in compliance. However, the competitive business landscape demands forward-thinking firms go beyond mere compliance and embrace enterprise risk management. Major U.S. and international safety standards such as ANSI Z10 and ISO 45001 can help companies meet the challenge of integrating health and safety into their enterprise to reduce occupational health and safety risk, but determining which standard to use—and when—is complex. This panel discussion will simplify such decisions by focusing on the differences and similarities between the ISO 45001 and ANSI Z10 as well as barriers chemical companies may confront when implementing the standards. Moderator Danyle Hepler and the two panelists, John Esposito and James Frederick, serve together on the committees developing both the ANSI Z10 and the ISO 45001. All three speakers have extensive experience working with both systems.

9:00 AM 10:00 AM NJDEP vs USEPA on Clean Air Act Reforms

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With EPA making more than a dozen new Clean Air Act policy and regulatory changes since December 2017, New Jersey has new opportunities and risks in how it regulates air quality. Companies are struggling to put together the pieces of this puzzle. They need insights and guidance from legal, technical and policy experts, and need feedback from NJDEP on what changes will occur in New Jersey. We are proposing a panel of experts representing, legal, NJDEP management, industry and consulting to provide attendees with a well-rounded view on recent and future EPA changes to help them better manage the opportunities and risks for their businesses.

10:00 AM 10:15 AM Networking Break

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10:15 AM 11:00 AM Drones/UAVs: A rapidly evolving data collection platform to support Chemical Plant Operations

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Advantages chemical manufacturing plant operators can attain through drones/UAV collected data and the regulations and guidelines surrounding it.

11:00 AM 12:00 PM Closing Keynote: Dr. Bibiana Campos Seijo

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World Chemical Outlook

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