

**SEPT.
14-15
2021**

2021 CONFERENCE PROGRAM



CLEAN WATERWAYS

**Galt House Hotel
Louisville, KY**

**SPILL
PREVENTION
AND RESPONSE
FOR INLAND
REGIONS AND
WATERWAYS**

www.cleanwaterwaysevent.org

IN ASSOCIATION
WITH:



CLEAN WATERWAYS 2021

The 2021 CLEAN WATERWAYS Conference will take place live and in-person September 14-15 at the Galt House Hotel in Louisville, KY. Kentucky's mask mandate and capacity restrictions ended on June 11, following the CDC guidelines stating fully vaccinated individuals no longer have to wear masks outdoors in crowds and in most indoor settings. This means the Galt House Hotel is fully open for business and we are in great shape to hold CLEAN WATERWAYS! For anyone who faces travel restrictions, there is an option to attend virtually.

The live event will host eleven conference sessions, 40+ exhibitors, two networking receptions and multiple networking breaks. Sessions in the Response Track will be live-streamed, and all other sessions will be recorded. Following the conclusion of the live event, all sessions will be available to view on-demand in our virtual platform.

WHY ATTEND CLEAN WATERWAYS

As an environmental and response professional working in the inland environment, it is important to stay up-to-date on best practices and lessons-learned for spill prevention and response and maintain relationships with all parties involved in a response. At the CLEAN WATERWAYS Conference, you'll have the opportunity to connect with professionals from maritime, facilities, rail, pipeline and governmental units during dedicated networking activities, conference sessions, in the virtual platform and on the exhibit floor, where you can check out the latest technologies advancing our industry. You'll walk away energized with new strategies, solutions and working relationships that will better prepare you for future incidents.

- The conference sessions offered at CLEAN WATERWAYS offer practical information on topics specific to fresh water spills and environmental considerations and are created based on current issues and trends.
- You can connect with a broad spectrum of individuals, companies, associations and governmental units committed to spill prevention and emergency response in the inland environment. Multiple networking opportunities have been built into the schedule to allow for ample time to network and build relationships.
- There will be 40+ vendors on-hand in the exhibit hall ready to help you find solutions to your environmental and emergency response needs.
- All sessions will be available to watch on-demand at the conclusion of the event in our virtual platform. You will also have access to all attendees, giving you the ability to continue the conversation after the event ends.

VIRTUAL PLATFORM

All attendees have access to the virtual platform. The virtual platform will be open before, during, and after the live event, allowing you to connect with other CLEAN WATERWAYS attendees, participate in live-streamed sessions, connect with exhibitors and speakers, and watch on-demand content.

Communicate with fellow attendees:

- AI recommended people to meet and connect with
- Advanced filters to help narrow your search
- View the entire attendee list and directly message anyone you want
- Book virtual meetings

Participate in sessions:

- All sessions in the Response Track will be live-streamed so you can watch in real-time. All sessions taking place at CLEAN WATERWAYS will be available on demand after the event is over, allowing you to view any sessions you missed.
- Each live-streamed conference session will feature a question/answer box in the virtual platform, allowing you to ask questions directly to the speakers in real-time.
- Sessions will be recorded onsite and available for on-demand viewing after the event is over. Any sessions that weren't live-streamed will be available on-demand.

Connect with exhibitors and sponsors:

- All exhibitors and sponsors of CLEAN WATERWAYS will have a virtual booth inside the platform
- Send a direct message to any exhibitor or sponsor to start a chat
- Schedule a virtual meeting with any exhibitor or sponsor. This will be a "face-to-face" meeting over a virtual call.
- All exhibitors and sponsors will be available to connect with after the event is over. The virtual platform will stay open for months following CLEAN WATERWAYS.

REGISTER WITH VIP CODE: BROCHURE AND GET \$50 OFF

SCHEDULE OF EVENTS

MONDAY, SEPTEMBER 13

12:00 PM – 5:00 PM	Registration Open
1:00 PM – 6:00 PM	Exhibitor Move-in
5:30 PM – 7:00 PM	Welcome Reception, sponsored by CTEH and E3 Environmental

TUESDAY, SEPTEMBER 14

8:00 AM – 4:30 PM	Registration Open
8:00 AM – 9:00 AM	Welcome Breakfast in the Exhibit Hall, sponsored by Shell
9:00 AM – 10:30 AM	General Session
10:30 AM – 11:00 AM	Networking Break in the Exhibit Hall
11:00 AM – 12:30 PM	Presentations
12:30 PM – 1:30 PM	Lunch, sponsored by SET Environmental
1:30 PM – 3:00 PM	Presentations
3:00 PM – 3:30 PM	Networking Break in the Exhibit Hall
3:30 PM – 5:00 PM	Presentations
5:00 PM – 6:30 PM	Reception in the Exhibit Hall

WEDNESDAY, SEPTEMBER 15

8:00 AM – 12:00 PM	Registration Open
8:00 AM – 8:30 AM	Breakfast in the Exhibit Hall
8:30 AM – 10:00 AM	Presentations
10:00 AM – 10:30 AM	Networking Break in the Exhibit Hall
10:30 AM – 12:00 PM	Presentations
12:00 PM – 12:30 PM	Grab-n-Go Sendoff Break
12:00 PM – 6:00 PM	Exhibitor Move-out

2021 CONFERENCE PROGRAM

MONDAY, SEPTEMBER 13

Welcome Reception

MONDAY, SEPTEMBER 13 • 5:30 PM - 7:00 PM

Join your fellow attendees to kick-start the 5th annual CLEAN WATERWAYS event. Light bites and beverages will be served.

SPONSORED BY  **E3
ENVIRONMENTAL**



TUESDAY, SEPTEMBER 14

Welcome Breakfast in the Exhibit Hall

TUESDAY, SEPTEMBER 14 • 8:00 AM - 9:00 AM

Welcome to CLEAN WATERWAYS 2021! Kick off your time with a breakfast with peers and colleagues you've been missing the last year.

SPONSORED BY



Welcome and General Session: How the Pandemic is Digitally Transforming the Response Industry

TUESDAY, SEPTEMBER 14 • 9:00 AM - 10:30 AM

As the saying goes-necessity is the mother of invention. The in-person separation between response professionals over the last year has forced our hand into implementing new methods to ensure we continue to advance our training, exercise, compliance, and overall Incident Management Team readiness. This session will highlight some of the main trends, best practices, and the digital transformations made to adapt to this new virtual reality. Listen to perspectives from Regulatory Partners, Industry, and Response Professionals as they explain their experiences, challenges and predictions for where we may go next.

Chair: TJ Engstrom, Director Emergency Services, Clean Harbors

Co-Chair: Jon Wickersham, Emergency Response Program Specialist, Colonial Pipeline Company

PANELISTS:

- Maria Hartley Ph.D., Technical Lead, Enterprise Emergency Management, Chevron
- Joyel Dhieux, Federal On-Scene Coordinator, U.S. EPA, Region 8
- Helen Dubach, Senior Environmental Consultant and Director, CTEH RM

Networking Break in the Exhibit Hall

TUESDAY, SEPTEMBER 14 • 10:30 AM - 11:00 AM

Join your peers in the exhibit hall to fuel up on snacks and coffee while you visit with exhibitors!

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1A: Response Best Practices: How to Ensure your Response has Adequately Trained Personnel

TUESDAY, SEPTEMBER 14 • 11:00 AM - 12:30 PM

ICS teaches us to “stay in our box”, however safety should be a concern driven by the entire response. This session will address strategies and best practices to ensure that properly trained response professionals are dispatched to a response, continue on a response, and that the IMT/Unified Command are ensuring OSHA regulations are being met for the safety of all responders, and the public.

Chair: Cory Davis, CEO, CTEH, LLC

OSRO Perspective

TJ Engstrom, Director Emergency Services, Clean Harbors

Responsible Party Perspective

Maria Hartley Ph.D., Technical Lead, Enterprise Emergency Management, Chevron

OSHA Perspective

Chris Lawver MBA, Safety and Occupational Health Specialist, OSHA, Invited

Federal Regulator Perspective

Jordan Garrard, Federal On-Scene Coordinator, U.S. EPA, Region 4

2A: Piecing it together in Real Time – Spill Response Data Management

TUESDAY, SEPTEMBER 14 • 11:00 AM - 12:30 PM

Oil spills and hazmat responses generate large amounts of data across multiple media formats. This session will discuss the management and sharing of information within the response and externally to key stakeholders, and the public.

Chair: Troy Bernal, Senior Consultant, Antea Group

Preparing for Accessibility and Communication of Data During an Emergency Response

Matthew Huyser PE, Federal On-Scene Coordinator, U.S. EPA, Region 4

Field and Visual Observations – the Playbook for Environmental Remediation and Cleanup of the Impacted Tennessee River

David Patten, Hazardous Materials Compliance Officer, Norfolk Southern Railway

Improving Incident Management and Response by Utilizing Innovative Data Management Techniques

Jason Wells, Geospatial Lead – Global, Digitalization & Innovation, Ramboll and Robert Chambers, Director, Global Risk Solutions

Lunch

TUESDAY, SEPTEMBER 14 • 12:30 PM - 1:30 PM

Grab a bite to eat while you catch up with old and new friends!

SPONSORED BY  **SET**
Environmental, Inc.

1B: How to Respond and Remediate on Ice or Cold Weather Incidents – Baby it’s Cold Outside!

TUESDAY, SEPTEMBER 14 • 1:30 PM - 3:00 PM

Cold weather, ice, and snow present unique challenges from initial response to the final remediation of a spill. A tale of two responses will be presented...one on a frozen river and one on the frozen tundra of North Dakota. Last but not least there will be a discussion of challenges presented for remediation of a spill during extreme winter conditions.

Chair: Bob Dundas, Environmental Coordinator, Belle Fourche Pipeline Company

Co-Chair: James Shuler, Emergency Response Manager, Energy Transfer Partners

Case Study: Carrington, N.D. Cold Weather Response Challenges

Tony Houdyshell, Hazmat & Emergency Response Officer, Canadian Pacific Railway

Ice and Cold Weather Oil Spill Response Operations

Mike Popa, General Manager, Great Lakes Response Center and Jim Elliott, Chief Operating Officer, T&T Salvage, LLC

Railroad Derailment and In-Situ Burn on Iced-Over Inland River

Andrew McManus, Incident Response and Recovery Lead - North America, Arcadis Inc.

2B: Firefighting Considerations on the Inland Rivers: A Round Table Discussion

TUESDAY, SEPTEMBER 14 • 1:30 PM - 3:00 PM

Key stakeholders from the inland maritime community will come together to discuss shipboard firefighting on America’s river systems. Discussion will include an analysis of federal, state and local regulations, coordination efforts between public, volunteer and contracted marine firefighters, environmental considerations and impacts associated with marine fires and more.

Chair: Rebecca Garcia-Malone, Executive Board Member, American Salvage Association

Co-Chair: Jim S. Armstrong, Port Security Specialist, U.S. Coast Guard, Sector Ohio Valley

PANELISTS:

- Tom Lonyo, Emergency Preparedness Group Supervisor, Marathon Petroleum Company
- Larry Clymer, Chief Special Operations, Nashville Fire Department
- Matthew Bolton, Command Center Chief, U.S. Coast Guard, Sector Ohio Valley, Invited
- Annielu Dewitt, Business Development Manager, Clean Harbors

Networking Break in the Exhibit Hall

TUESDAY, SEPTEMBER 14 • 3:00 PM - 3:30 PM

Join your peers in the exhibit hall to fuel up on snacks and a refreshment while you visit with exhibitors.

1C: Response Case Studies

TUESDAY, SEPTEMBER 14 • 3:30 PM - 5:00 PM

Train wreckage, mudslide, fire and ethanol into a river all present unique hazards and situations from initial response to the final remediation of a spill. The case study of Fire, Water and Mud...illustrates the challenges of responding to water soluble ethanol on a river commingled with treacherous site conditions will be presented. This response will be discussed from the Operator and State Responder perspective.

Chair: Grady Springer, Office of Emergency Response, Coordinator, Alabama Department of Environmental Management

Co-Chair: Chad Tameling, Executive Vice President, SET Environmental, Inc.

CSX Case Study – Mud Slide Caused Ethanol Train Derailment into River

Michael Austin, Director Hazardous Materials/Special Agent, CSX Transportation, Inc. and Robert Francis, Manager, Kentucky Department of Environmental Protection

Jamie Whitten Lock and Dam - Barge Holdup on the Mississippi River

CWO Joshua Miller, All-Hazards Response Specialist, U.S. Coast Guard Sector Delaware Bay

Oil Blending Facility Fire - Joliet, IL

Paul Ruesch, On-Scene Coordinator, U.S. EPA, Region 5, Invited

2C: Ransomware Attacks and Operation Technology Preparedness and Resilience: A Panel Conversation

TUESDAY, SEPTEMBER 14 • 3:30 PM - 5:00 PM

The nation's critical infrastructure is increasingly under direct attack from advanced ransomware attack groups who have the capability to drive crippling impacts. It's projected that attackers will continue to shift their focus from enterprise environments to the process control systems and assets in the field. Government officials, consumers, and end users are looking to companies to do whatever is needed to immediately harden their technology and ensure their resilience for the inevitably extortion attempt to come. This session will explore the new normal of ransomware attacks and help to prepare you for your company's next crisis.

Chair: Judith Roos, President, Roos Consulting Group

Moderator: Kyle Miller, Principal/Director Global OT Cybersecurity Practice Lead, Booz Allen Hamilton

PANELISTS:

- Stephen Pepper, Director, Crisis Management, Phillips 66
- Howard Foard III, Principal/Director, Global Commercial Wargaming and Strategic Simulations, Booz Allen Hamilton
- TBA, Maritime Representative

Reception in the Exhibit Hall

TUESDAY, SEPTEMBER 14 • 5:00 PM - 6:30 PM

Grab a drink and mingle with your fellow attendees during our networking reception!

WEDNESDAY, SEPTEMBER 15

Breakfast in the Exhibit Hall

WEDNESDAY, SEPTEMBER 15 • 8:00 AM - 8:30 AM

Grab some breakfast and visit with any exhibitors you didn't get to see on Tuesday before sessions kick-off.

1D: Inland Waterways Fast Water Response...Catch Me if You Can!

WEDNESDAY, SEPTEMBER 15 • 8:30 AM - 10:00 AM

Along with the record-breaking precipitation and flood events increasing, concerns and challenges with fast water response have come to the forefront even more. This session will cover multiple industry perspectives.

Chair: Kevin Palm, Sr. Business Development Manager, National Response Corporation (NRC)

Fastwater Operations: Tactics and Tools for Rapid Response on River Systems

Cody Harris, President, Whitewater Rescue Institute, Inc

Vessel Response Plan Holder Perspective on the Challenges and Factors Involved in Swift Water Pollution Response

Mark Sawyer (CDR U.S.C.G, retired), Marine Operations Compliance, Marathon Petroleum Corporation, LP

New-API Technical Report: Swift Water Spill Tactics

Ty Farrell, Response Manager, Plains All American

3D: Droning On...Applications and Challenges of UAS Technology

WEDNESDAY, SEPTEMBER 15 • 8:30 AM - 10:00 AM

This session will examine different perspectives on using Unmanned Aerial Systems (UAS) in inland preparedness and response as well as review potential applications and challenges.

Chair: Stephen Pepper, Director, Crisis Management, Phillips 66

Case Study: UAS Technology Use in Salvage and Marine Firefighting (SMFF) and Oil Spill Response

Rick Francis, Lead Firefighter, Teichman Group

An Operator's Integration and Use of Drone Support for Oil Spill Response In the Inland Environment

Jason Rosebecke, Emergency Response, Phillips 66

Multi-Platform Remote Sensing, the Integration of Satellite, Locally Operated Overflight, Remotely Operated Overflight and Aerostats to get the "Big" Picture

Kevin Hoskins, VP, Telecom and Information Systems, Marine Spill Response Corporation

Networking Break in the Exhibit Hall

WEDNESDAY, SEPTEMBER 15 • 10:00 AM - 10:30 AM

Join your peers in the exhibit hall to fuel up on snacks and coffee and go see any exhibitors you didn't get to visit with. It's your last chance before the event wraps up!

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1F: Challenges and Approaches to Heavy Oils

WEDNESDAY, SEPTEMBER 15 • 10:30 AM - 12:00 PM

How do you respond to oil that does not float? Heavy oils create a whole new set of unique challenges when it comes to spill response. In order to meet these challenge head on, contractors and regulators must craft new approaches for heavy oil mitigation and cleanup techniques. This session discusses these challenges and approaches through the view of both spill response contractors and federal regulators. It captures lessons learned from past heavy oil responses, as well as, best practices to assist with heavy oil responses in the future. Finally, it incorporates the OSRO classification/PAV process for Group V Oils and how vital they are to increase readiness for heavy oil response.

Chair: Tony Houdyshell, Hazmat & Emergency Response Officer, Canadian Pacific Railway

Co-Chair: CW04 Dana Fleming, All-Hazards Response Specialist, U.S. Coast Guard, Sector Ohio Valley

OSRO Classification Verification Process and National Inventory Requirements for Non-Floating Oils

Thomas Boyles, Preparedness Specialist, U.S. Coast Guard 13th District

API Report and Operations Guide for Sunken Oil Response Operations – Lessons Learned and Best Practices

Jim Elliott, Chief Operating Officer, Teichman Group, LLC

Non-Floating Oil – Emergent and Long-Term Strategic Recovery Techniques

Chad Tameling, Executive Vice President, SET Environmental, Inc.

3F: New and Emerging Technologies

WEDNESDAY, SEPTEMBER 15 • 10:30 AM - 12:00 PM

This session will provide participants insights into technological advancements in support of emergency response and preparedness. Speakers will present new technologies and tools that are now being utilized in inland waterways.

Chair: Maria Hartley Ph.D., Technical Lead, Enterprise Emergency Management, Chevron

New Technologies for Floating and Non-Floating Oils on Small Inland Waterways

Troy Beaver, Partner, HalenHardy, LLC

Advances in Remote Sensing

Matt Wagoner CFM, GISP, Geospatial Technology Leader, Stantec

Introduction to Environment and Climate Change Canada's Freshwater Response Field Guide

Shannon MacDonald, Principal, Triox Environmental Emergencies

Grab-n-Go Sendoff Break

WEDNESDAY, SEPTEMBER 15 • 12:00 PM - 12:30 PM

Grab-n-go lunch will be available as you head out as a thank you for attending!

CLEAN WATERWAYS 2021 EXHIBITORS *AS OF 7/23/2021

AMPOL / OIL STOP
Antea Group
Blue Tank & Pump Rental
Clean Harbors
Code 3 Services, LLC
Cotton Logistics
CRUCIAL, INC.
CTEH
Draeger Inc
E3 Environmental
Environmental Restoration LLC
EnviroScience, Inc.
EnviroServe
E-Tank, Ltd. Equipment Rentals
Geotechnology, Inc.
HalenHardy, LLC
Haz-Mat Response, Inc.
HEPACO, LLC
Heritage Environmental Services
Hull's Environmental Services, Inc.
International Bird Rescue
Liquid Safety Solutions by FyterTech Nonwovens LLC

Marine Spill Response Corporation
McGriff Insurance Services, Inc.
Miller Environmental Group, Inc.
Moran Environmental Recovery, LLC
National Response Corporation (NRC)
OHMSETT
OMI Environmental Solutions
Pace Analytical
Perdue Environmental Contracting Company
Pinnacle Engineering
Polaris Sensor Technologies, Inc.
Polystar Containment
RiverWorks Discovery
Specialized Professional Services, Inc.
Superior Environmental Solutions
T&T Salvage
The Response Group
Trident Environmental Group
UltraTech International
WCEC
WGC Environmental K9 Group

CLEAN WATERWAYS 2021 SPONSORS *AS OF 7/23/2021

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HOTEL RESERVATIONS

The Galt House

140 N Fourth Street
 Louisville, KY 40202
 Phone: (502) 589-5200

**Cut-off Date: August 13, 2021
 or until the hotel sells out!**

Standard \$179 Rate
 Government \$131 Per Diem Rate



Book your room by visiting www.cleanwaterwaysevent.org/hotel

REGISTRATION INFORMATION

INDIVIDUAL RATES: IN-PERSON EVENT	ADVANCE ENDS 9/10/2021	REGULAR STARTS 9/11/2021
Conference Pass: Facilities, Operators, Shipping Companies	\$599	\$699
Conference Pass: Government	\$499	\$599
Conference Pass: Supplier/Manufacturer or Service Company	\$699	\$799
Conference Pass: Exhibitor	\$399	\$399
INDIVIDUAL RATES: VIRTUAL EXPERIENCE		
Virtual Pass	\$249	\$299

Looking to send a group of 3 or more?

We have heavily discounted group registration packages for those sending just 3 or more team members to CLEAN WATERWAYS. Contact Jill Dean at 301-354-1618 or jdean@accessintel.com to secure your group registration package!

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