

# CLEAN GULF

CONFERENCE & EXHIBITION

*Real-World Solutions for Spill Prevention,  
Preparedness and Response*

**NOVEMBER 8-10, 2022** • NEW ORLEANS, LA  
ERNEST N. MORIAL CONVENTION CENTER



# 2022 ADVANCE PROGRAM



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## YOU'RE INVITED

As the Coordinator for the Louisiana Oil Spill Coordinator's Office (LOSCO), I would like to extend an invitation for you to join me in New Orleans, LA, for the 31st annual CLEAN GULF Conference & Exhibition.

Founded in 1991, CLEAN GULF serves the spill response industry in prevention, preparedness, and response. It gives response professionals a forum to come together with peers to discuss case studies and lessons-learned from both recent and past incidents and discover the latest technologies advancing prevention and response operations. You will walk away with new strategies, solutions, and working relationships that will effectively arm you for future incidents.

When the CLEAN GULF planning committee met this past April in New Orleans to create the 2022 CLEAN GULF conference program, it was impossible to contain their creativity after the last two years of virtual meetings. Just like with live events, there isn't anything better than the energy and effectiveness of H2H -human to human collaboration. New topics were added to this year's program, such as understanding the differences between the Incident Management Team (IMT) and Business Continuity Plans (BCPs) , both U.S. and international response case studies, external drills and exercise influences, Environmental Social Governance (ESG) and the spill response community, unique hazards, and industry safety.

We are very excited to be hosting CLEAN GULF again in the great city of New Orleans! I look forward to seeing you at the Ernest N. Morial Convention Center, November 8-10.

Best regards,

Sam Jones

Coordinator

Louisiana Oil Spill Coordinator's Office (LOSCO)

Co-Hosted By:



Louisiana Oil Spill  
Coordinator's Office



Texas General  
Land Office



Florida Department  
of Environmental  
Protection



Alabama Department  
of Environmental  
Management



Mississippi  
Department of  
Environmental Quality

## CLEAN GULF 2022 PLANNING COMMITTEE

- STATE HOST: Sam Jones**, Coordinator, Louisiana Oil Spill Coordinator's Office (LOSCO)
- Michael Baccigalopi**, Crisis and Continuity Management / Emergency Response Advisor, bp GoM
- Ben Badon**, ER Advisor, Hess Corporation
- Angela Barrow**, Global Enterprise Manager, Emergency Management, Chevron
- Nick Benson**, Leader, Crisis and Continuity Management, Equinor US
- Elizabeth Boerlin**, Doctoral Student, Texas A&M School of Public Health
- Ron Cantin**, President, EMSI
- Robert Chambers**, Senior VP Environmental Risk Management Solutions, Global Risk Solutions
- Craig Cook**, Project Manager/Vessel Operations Coordinator, Texas General Land Office
- Tom Coolbaugh**, Facility/Program Manager, Chief Scientist, Applied Research Associates, Inc. | Ohmsett
- Jennifer Crouch**, Principal CEM — GOM, Woodside Energy
- Cory Davis**, CEO (retired), CTEH
- Jeff Davis**, Oil Spill Response Officer, Texas General Land Office
- Adam Davis**, Scientific Support Coordinator, NOAA — Office of Response & Restoration
- Karolien Debusschere**, Ph.D., Deputy Coordinator, Louisiana Oil Spill Coordinator's Office (LOSCO)
- LCDR Namon Dimitroff**, Chief, Emergency Management and Force Readiness, U.S. Coast Guard Sector Houston-Galveston
- Mike Drieu**, GOM CEM Manager, Occidental Petroleum Corporation
- Helen Dubach**, Director, Response Management, CTEH, LLC
- Austin Dulany**, Outreach Coordinator, Texas General Land Office
- T.J. Dunnahoe**, Vice President, Stantec
- Jim Elliott**, Chief Operating Officer, Teichman Group, LLC
- Nelson Fetgatter**, President, Spill Control Association of America (SCAA)
- Cody Fisher**, Chief Emergency Services Division, Mississippi Department of Environmental Quality
- Barry Forsythe**, National Spill Response Coordinator, U.S. Fish and Wildlife Service
- Nicole Franks**, President, NJ Resources, Inc.
- Nick Furnari**, Emergency Preparedness & Response Manager, Marine Well Containment Company
- John Gerken**, Vice President, Pace Analytical
- Aaron Holton**, Vice President of Response Operations, OMI
- Nathaniel Hough**, General Manager, Campbell Transportation Company, Inc.
- Brad Hubbard**, Sr. Emergency Management Specialist, Shell Americas Emergency Management
- Brandon Klopfenstein**, Emergency Response Program Specialist, Colonial Pipeline Company
- Brent Koza**, State Scientific Support Coordinator, Texas General Land Office
- Lawrence Malizzi**, Senior Manager, Ramboll
- Angie Martin**, Senior Vice President, Heritage Environmental Services
- Jimmy Martinez**, Deputy Director, Texas General Land Office
- Matt Melton**, Director of Business Development and Partnerships, International Bird Rescue
- Rhonda Murgatroyd**, Managing Director, Wildlife Response Services, LLC
- Tim Nedwed**, OSR Principal Advisor, ExxonMobil Corporation
- JT Newman**, President, E3 Environmental
- Keith Nichols**, Ecological Program Manager, CK Associates LLC
- Raymond Oliveira**, Manager, Texas General Land Office
- Kevin Palm**, Technical Sales/Business Development, Cotton Logistics
- Frank Paskewich**, President, Clean Gulf Associates
- Bob Patterson**, Managing Director, Witt O'Brien's
- Gary Petrae**, Preparedness Analyst, Bureau of Safety and Environmental Enforcement (BSEE)
- Allyson Purcell**, HSE Coordinator — CM & ER, ConocoPhillips
- Rick Raksnis**, Supervisor, U.S. DOT PHMSA
- Santana Ramirez**, Project Manager/Executive Assistant, Texas General Land Office
- Kenny Rhame**, CIO, The Response Group
- Michael Roldan**, Regional Director, Americas, Oil Spill Response USA Inc.
- Lisa Saint**, Crisis & Continuity Manager, BP Trading and Shipping
- Sharon Schmalz**, Executive Director, The Wildlife Center of Texas
- James Shuler**, Emergency Response Manager, Energy Transfer Partners
- Robert Simmons**, Executive Associate, Environmental Science Services
- Bruce Simons**, Prevention and Preparedness Coordinator, Texas General Land Office
- Dan Somma**, Marine Terminal Compliance Advisor, Marathon Petroleum Company LP
- D'Anne Stites**, Compliance and Enforcement Coordinator, Texas General Land Office
- John Temperilli**, President, Garner, a KSOLV Group Company
- Matthew Tilimon**, Emergency Management Specialist, U.S. Coast Guard Sector Houston-Galveston
- CWO-3 Brandon Todd**, Emergency Management Specialist, U.S. Coast Guard 8th District
- Mike Walker**, Vice President — Gulf Region, Marine Spill Response Corporation
- James Werner**, Safety Manager, Kirby Inland Marine
- Christopher Wiatrek**, Emergency Management Liaison, Texas Commission on Environmental Quality (TCEQ)

The CLEAN GULF Conference & Exhibition offers a forum for industry and government from North America and beyond to come together to network, build new relationships, and share best practices and new trends to improve readiness. Attendees will benefit from the opportunity to meet with their peers to discuss oil and hazardous materials spill challenges and maintain the strong networks they have built. Attendees will walk away from CLEAN GULF energized with new strategies, solutions and working relationships that will better prepare them for future incidents.

This year's CLEAN GULF program is the largest we have planned in years, and we are very excited to expand the scope of topics offered in the conference sessions. Topics being covered include understanding the differences between the Incident Management Team (IMT) and Business Continuity Plans (BCPs), both U.S. and international response case studies, external drills and exercise influences, Environmental Social Governance (ESG) and the spill response community, unique hazards, safety and emergency response, and much more.

### NEED MORE REASONS TO ATTEND?

- ▶ CLEAN GULF brings together stakeholders from oil & gas, maritime, rail, environmental, regulatory agencies, oil spill response organizations and service companies in one venue to share information and ideas on a variety of topics that effect the oil & gas industry in the Gulf.
- ▶ The exhibit hall is packed full of 100+ companies showcasing the latest technologies and services for prevention and response operations.
- ▶ Wide-variety of educational and informative sessions that deliver relevant spill preparedness and response topics and focus on changes in an evolving world with new technology and lessons-learned from previous spills.
- ▶ Abundant opportunities to network with your peers involved in all aspects of a response and discuss ways to improve what you do as emergency responders.

### MEDIA PARTNERS



### ASSOCIATION PARTNERS



Register with VIP code **DIGITAL** to receive \$50 off a full conference or expo-only pass

## TUESDAY, NOVEMBER 8

7:30 AM – 6:00 PM	Registration Open			
8:00 AM – 6:00 PM	Exhibitor Move-In			
8:00 AM – 12:00 PM			Workshop: Oil Spill Response Research Managers Collaboration, sponsored by API	Workshop: Risk and Crisis Communication, sponsored by CTEH
	<b>Track 1: Planning &amp; Preparedness</b>	<b>Track 2: Response</b>	<b>Track 3: Training and Exercise BMP</b>	<b>Track 4: Safety In Planning, Preparedness, And Response</b>
1:30 PM – 3:00 PM	1A: The Value of Assurance Programs and Preparedness Continuity Across Operations	2A: International Response Case Studies — Part 1	3A: Drills vs. Reality: A Critical Look at the Effect of Artificiality in Drills	4A: Industry Safety
3:30 PM – 5:00 PM	1B: The Incident Management Team (IMT) and Business Continuity Plans (BCPs) — Understanding the Differences	2B: International Response Case Studies — Part 2: Peru	3B: Training Innovations	4B: Planning for Response Equipment Deployment and Safety Considerations
5:00 PM – 6:30 PM	Women in Emergency Management Forum: Honoring the Past — Acknowledging the Future, sponsored by bp			

## WEDNESDAY, NOVEMBER 9

7:30 AM – 6:30 PM	Registration Open				
	<b>Track 1: Planning &amp; Preparedness</b>	<b>Track 2: Response</b>	<b>Track 3: Training and Exercise BMP</b>	<b>Track 5: Response Tech &amp; Research</b>	<b>Track 6: Emerging Trends &amp; Concerns</b>
8:30 AM – 10:00 AM	1C: BSEE Offshore Information for Area Contingency Plans Project — Brief Out	2C: Domestic U.S. Response Case Studies		5C: Oil Spill Response Facilities Capabilities Overview and Future Opportunities	6C: Environmental Social Governance (ESG) and the Spill Response Community
10:00 AM – 6:30 PM	Exhibit Hall Open				
10:00 AM – 10:45 AM	Networking Break in the Exhibit Hall, sponsored by Granny's Alliance Holdings, Inc.				
10:45 AM – 12:15 PM	Welcome and Keynote (Open to All Attendees), sponsored by E3 Environmental				
12:15 PM – 1:30 PM	Lunch in the Exhibit Hall, sponsored by SET Environmental				
1:30 PM – 3:00 PM		2D: Responding and Evolving in a Changing Marketplace	3D: Best Practices for Exercise Design	5D: Spill Response Research	6D: Valuable Lessons-Learned from State Vessel Turn-In Programs and NOAA Marine Debris Grants
3:00 PM – 3:30 PM	Networking Break in the Exhibit Hall, sponsored by ACV Enviro				
3:30 PM – 5:00 PM	1E: Plans, Policies, and Procedures	2E: Wildlife: Challenges and Opportunities	3E: Exercise Delivery	5E: Remote Sensing	6E: PFAS — Ongoing Challenges and Concerns
5:00 PM – 6:30 PM	Opening Reception in the Exhibit Hall (Open to All Attendees)				

## THURSDAY, NOVEMBER 10

7:30 AM – 3:00 PM	Registration Open				
	<b>Track 1: Planning &amp; Preparedness</b>	<b>Track 2: Response</b>	<b>Track 3: Training and Exercise BMP</b>	<b>Track 5: Response Tech &amp; Research</b>	<b>Track 6: Emerging Trends &amp; Concerns</b>
8:30 AM – 10:00 AM	State and Federal Updates (Open to All Attendees)				
9:30 AM – 1:30 PM	Exhibit Hall Open				
10:00 AM – 10:45 AM	Networking Break in the Exhibit Hall, sponsored by Action Environmental, Inc.				
10:45 AM – 12:15 PM	1F: Considerations of Unified Command	2F: Natural Disaster Response Tools	3F: External Drills and Exercise Influences	5F: BSEE Response Research — 10 Years of Applied Science	6F: Unique Hazards
12:15 PM – 1:30 PM	Lunch in the Exhibit Hall, sponsored by Bluegrass 360, LLC				
1:30 PM	Exhibitor Move Out				
1:30 PM – 3:00 PM	1G: Natural Resource Assessments and Payments	2G: Federal Agency Response Stakeholders — Purpose, Scope, and Mission	3G: Exercising for Proficiencies	5G: Academic Oil Spill Response Research	6G: Working as a Team to Manage a Cyberattack in the Maritime Transportation System (MTS)

# CONFERENCE PROGRAM

## WORKSHOPS

### WORKSHOP: RISK AND CRISIS COMMUNICATION

**TUESDAY, NOVEMBER 8 • 8:00 AM – 12:00 PM**

Registration fee:  
Free, sponsored by



With modern technology, information relating to a crisis, such as a chemical release, is usually available to the public within a few minutes of the event — and it may not be accurate. Rapidly communicating factual information after a crisis is imperative. Industry experts will demonstrate best practices and teach how to communicate quickly and effectively to employees, regulators, the press, and the public.

- Learn how to plan, prepare, and distribute accurate and timely information following a crisis
- Case study presentations and working groups
- Legal perspective panel

### OIL SPILL RESPONSE RESEARCH MANAGERS COLLABORATION

**TUESDAY, NOVEMBER 8 • 8:00 AM – 12:00 PM**

Registration fee:  
Free, sponsored by



The goal is to bring together stewards of oil spill response research programs and have each spend 20 minutes or so outlining their current and planned research to help identify collaboration opportunities and avoid parallel research efforts.

## GENERAL SESSIONS

### WELCOME AND OPENING KEYNOTE (OPEN TO ALL ATTENDEES)

**WEDNESDAY, NOVEMBER 8 • 10:45 AM – 12:15 PM**

#### WELCOME

Sam Jones, Coordinator,  
Louisiana Oil Spill Coordinator's Office (LOSCO)

#### KEYNOTE



Kevin M. Sligh Sr. MBA, CEM, Director,  
Bureau of Safety and Environmental Enforcement (BSEE)

Kevin M. Sligh Sr. is the Director of the Bureau of Safety and Environmental Enforcement, Department of Interior. He joined BSEE on March 28, 2022, and leads the bureau in its mission to promote safety, protect the environment and conserve offshore energy resources through the regulatory oversight and enforcement.

Director Sligh has devoted his career to safety and emergency response over more than 25 years of service to the nation. He is a veteran of the U.S. Navy, the U.S. Coast Guard, and has served as Deputy Regional Administrator for the Federal Emergency Management Agency, Region V. In 2011, while in the Coast Guard, he served as Deputy Incident Commander for the Deepwater Horizon oil spill in the Gulf of Mexico and has held key leadership roles during various other deployments and national emergencies. He earned his bachelor's degree from the Excelsior College, and a Master of Business Administration from Northcentral University. Sligh has been a Certified Emergency Manager since November 2008.

#### BSEE: Offshore Energy Oversight Now and For the Future

The Bureau of Safety and Environmental Enforcement is expanding its mission to include regulatory oversight of renewable energy and carbon sequestration offshore, along with incorporating new technologies related to traditional energy production. Safety and environmental sustainability have always been at the forefront of BSEE's regulatory efforts and will continue to be the focus for all offshore energy activities now and into the future. In this session, BSEE Director Kevin M. Sligh Sr. will discuss BSEE's current regulatory efforts, opportunities and challenges as we face global climate change.

Keynote sponsored by E3 ENVIRONMENTAL

### STATE AND FEDERAL UPDATES (OPEN TO ALL ATTENDEES)

**THURSDAY, NOVEMBER 10 • 8:30 AM – 10:00 AM**

An integral part of preparing for an oil spill response is being current and up-to-date on state and federal regulations. Learn what you need to know to conduct business relative to oil spill response and remediation directly from the federal and state regulators who are responsible for proposing new rules as well as implementation and enforcement.

- Sam Jones, Coordinator, Louisiana Oil Spill Coordinator's Office (LOSCO)
- Jimmy Martinez, Deputy Director, Texas General Land Office
- Nick Hatten, Emergency Response On Scene Coordinator, Mississippi Department of Environmental Quality
- Samuel Graves, Emergency Coordinating Officer ESF10, Florida Department of Environmental Protection
- Capt. Tracy Wirth, Chief, U.S. Coast Guard, Office of Marine Environmental Response Policy
- Sara Moore, Gulf Oil Spill Preparedness Section Supervisor, BSEE Oil Spill Preparedness Division
- Nicolas Brescia CHMM, Federal On-Scene Coordinator, U.S. EPA, Region 6

**TRACK 1: PLANNING AND PREPAREDNESS**

**1A: The Value of Assurance Programs and Preparedness Continuity Across Operations**

**TUESDAY, NOVEMBER 8 • 1:30 PM – 3:30 PM**

Speakers in this session will address the value and proven necessity of a well-developed and well executed assurance program. To that end they will be providing valuable information from multiple perspectives.

**CHAIR:** Bob Patterson, Managing Director, Witt O'Brien's

**The Importance of Assurance Programs — The Key to Incident Prevention**

- Barbara Parker, Principal, Emergency Management Systems, Shell Exploration & Production Company

**Dock Ready — Rock Steady Marine Safety, Spill Prevention and Emergency Preparedness through Assurance**

- Dan Somma (CDR USCG, retired), Marine Terminal Compliance Advisor, Marathon Petroleum Company LP

**1B: The Incident Management Team (IMT) and Business Continuity Plans (BCPs) — Understanding the Differences**

**TUESDAY, NOVEMBER 8 • 3:30 PM – 5:00 PM**

With shifting trends now moving from virtual to physical or a hybrid of both, it is particularly important to understand the differences between IMT and BCP. Speakers in this session will help you navigate between the two as well as provide a real-world case study as an example.

**CHAIR:** Angela Barrow, Global Enterprise Manager, Emergency Management, Chevron

**CO-CHAIR:** Jennifer Crouch, Principal CEM — GOM, Woodside Energy

**Incident Response**

- Dustin White PCP, CBCP, Response Program Manager & Training Advisor, The Response Group

**Business Continuity**

- Angela Barrow, Global Enterprise Manager, Emergency Management, Chevron

**Implementing Lessons Learned for Reducing Oil Spill Compliance and Response Costs (No Mask Required)**

- D'Anne Stites, Compliance and Enforcement Coordinator, Texas General Land Office

**Colonial Cyber Incident — The Use of an IMT for Operational and Business Continuity**

- Craig Wyatt, Director, Crisis Management & Response, Colonial Pipeline Company

**1C: BSEE Offshore Information for Area Contingency Plans Project — Brief Out**

**WEDNESDAY, NOVEMBER 8 • 8:30 AM – 10:00 AM**

In 2019, the Bureau of Safety and Environmental Enforcement (BSEE) sponsored a project in cooperation with the U.S. Coast Guard to improve the content of the coastal zone area contingency plans (ACPs) with respect to the information necessary to effectively plan for and respond to large oil spills from offshore oil and gas exploration and production facilities. This collaboration between BSEE, USCG District Eight, resource trustees, state agencies, oil spill removal organizations (OSROs), and Area Committees resulted in a series of technical documents that provide offshore information for the Gulf of Mexico (GOM). Collectively, these materials provide a foundation of risk assessment, resources at risk, and conceptual response

information to inform coastal zone ACP planning, preparedness, and response to a significant offshore facility oil spill incident.

**CHAIR:** Michael Sams, Incident Management and Preparedness Advisor, U.S. Coast Guard 8th District

**PANELISTS:**

- CWO Joseph Torcivia, U.S. Coast Guard Marine Safety Unit Houma
- Gabrielle McGrath, Portfolio Manager — Spill Response Specialist, RPS Group
- Paige Doelling Ph.D., Scientific Support Coordinator, Texas and SW Louisiana, NOAA
- Brent Koza, State Scientific Support Coordinator, Texas General Land Office
- Bryan Rogers, PVB Chief, Bureau of Safety and Environmental Enforcement (BSEE)

**1E: Plans, Policies, and Procedures**

**WEDNESDAY, NOVEMBER 8 • 3:30 PM – 5:00 PM**

In this session Federal Agency representatives will provide important updates on various plans and procedures vital to the response industry.

**CHAIR:** CWO-3 Brandon Todd, Emergency Management Specialist, U.S. Coast Guard 8th District

**21st Century Area Contingency Plan (ACP)**

- Dee Oos MEd, Area Contingency Plan Program Manager, U.S. Coast Guard 8th District

**Subpart J — Revised CFR Changes**

- Nicolas Brescia CHMM, Federal On-Scene Coordinator, U.S. EPA, Region 6

**Post Subpart J — Planning, Preparedness, and Response in the Outer Continental Shelf (OCS)**

- Bryan Rogers, PVB Chief, Bureau of Safety and Environmental Enforcement (BSEE)

**1F: Considerations of Unified Command**

**THURSDAY, NOVEMBER 10 • 10:45 AM – 12:15 PM**

This session will provide attendees with a better understanding of the roles and responsibilities of key members of the National Incident Management System (NIMS) Unified Command (UC) Structure in relation to spill response operations in the Gulf of Mexico. Also shared will be challenges and concerns of each representative stakeholder during a spill response incident. The purpose of this session is to provide a better overall understanding of the Unified Command representatives to foster better working relationships in the future.

**CHAIR:** Nick Benson CFO, FCOE, SSU, SCCM, Leader, Crisis and Continuity Management, Equinor US

**CO-CHAIR:** Matthew Tilimon, Emergency Management Specialist, U.S. Coast Guard Sector Houston-Galveston

**Responsible Party (RP) Perspective**

- Ben Badon, ER Advisor, Hess Corporation

**Federal On-Scene Coordinator (FOSC) Perspective**

- Commander Keith Donohue, Deputy Sector Commander, U.S. Coast Guard Sector Houston-Galveston

**State On-Scene Coordinator (SOSC) Perspective**

- Karolien Debusschere, Deputy Coordinator, Louisiana Oil Spill Coordinator's Office (LOSCO)

**State On-Scene Coordinator (SOSC) Perspective**

- Jimmy Martinez, Deputy Director, Texas General Land Office

**Federal On-Scene Coordinator Perspective**

- Warren Zehner, Federal On-Scene Coordinator, U.S. EPA, Region 6, Invited

**Federal On-Scene Coordinator (FOSC) Perspective**

- Captain Will Watson, Deputy Sector Commander, Coast Guard Sector New Orleans, U.S. Coast Guard 13th District



**1G: Natural Resource Assessments and Payments**

**THURSDAY, NOVEMBER 10 • 1:30 PM – 3:00 PM**

This session will highlight a few assessment techniques and studies used to determine the amount of money a responsible party pays in damage assessments and private claims following an oil spill.

**CHAIR:** Brian Reilly, Senior Environmental Scientist, CK Associates LLC

**Environmental Sensitivity Index Datasets: Past, Present, and Future**

- Nicolle Rutherford, Biologist, NOAA Emergency Response Division/Office of Response and Restoration

**Water Column Exposure Modeling Tool (WCEMT) — Model Evaluation and Application**

- Christopher Fuller, Chief Operations Officer and Andrew Ernest, CEO, RATES, Inc., Connie Travers, Environmental Science Principal Associate, Abt Associates

**Introducing National Pollution Fund Center's (NPFC) Claims Communication Tool**

- Monica Rusk, Claims Manager, National Pollution Funds Center

**Determining Pre-Disaster Carcass Scavenging Rates and Searcher Detection Rates in Inland Waters: A Case Study on the Yellowstone and Missouri Rivers**

- Nimish Vyas, Research Biologist, USGS Eastern Ecological Science Center, Matthew Schwarz, Environmental Contaminants Specialist, U.S. Fish and Wildlife Service South Dakota Ecological Services Field Office, and Amanda Ciurej, Environmental Contaminants Specialist, U.S. Fish and Wildlife Service Nebraska Ecological Services Field Office

**TRACK 2: RESPONSE**

**2A: International Response Case Studies — Part 1**

**TUESDAY, NOVEMBER 8 • 1:30 PM – 3:00 PM**

This session will present international case studies of responses that implemented accepted good practices. The session will include presentations from those who were actually there and give examples from government and industry to share lessons learned. International responses present additional planning and response challenges related to differing levels of local resources and government involvement. These challenges and those of future responses must be successfully overcome. Our future success will require frequent sharing of such experiences and implementation of lessons learned from responses within the U.S. as well as internationally. Come join us to hear how government and industry experts successfully met the challenge of conducting international responses.

**CHAIR:** Michael Baccigalopi, Crisis and Continuity Management/Emergency Response Advisor, bp GoM

**CO-CHAIR:** Michael Roldan, Regional Director — Americas, Oil Spill Response USA Inc.

**What the X-Press Pearl Incident has Taught us about Nurdle Spills**

- Susannah Domaille, Technical Advisor, ITOPF Limited

**Hurricane Dorian: A Focus on Wildlife Response**

- Nick Benson CFO, FCOE, SSU, SCCM, Leader, Crisis and Continuity Management, Equinor US

**Sri Lanka Plastic Clean Up — Applying Oil Response Techniques and Creating New Ones**

- Nick Dyer, Response Specialist, Oil Spill Response Ltd

**FSO SAFER — A Case Study**

- Paul Schuler, Director, External Affairs, Oil Spill Response USA Inc.

**2B: International Response Case Studies — Part 2: Peru**

**TUESDAY, NOVEMBER 8 • 3:30 PM – 5:00 PM**

This session will be a case study focused on the oil spill that emanated from the vessel "Mare Doricum" off the Peruvian Coast. The session will include presentations from those who were actually there and give examples from government and industry to share lessons learned. Responses outside the United States present different planning and response challenges as there are differing levels of local resources and government involvement. These different challenges present additional opportunities for lessons learned. The response industry's future success will require frequent sharing of such experiences and implementation of lessons learned globally. Come join us to hear how government and industry experts successfully met the challenge of conducting international responses.

**CHAIR:** Michael Baccigalopi, Crisis and Continuity Management/Emergency Response Advisor, bp GoM

**Peru — Offshore & Shoreline Response — Managing Expectations and Changing Beach Profiles**

- Elmer Emeric, Duty Manager, Oil Spill Response Ltd

**Management of a Tier III Spill in Latin America: A Worst-Case Scenario in Peru**

- Carlos Sagrera MSc., ISCO Representative in Latin America, External Advisor, International Maritime Organization (IMO)

**Peru Response: Constituting and Managing an Ad Hoc Wildlife Rehabilitation Center**

- Matt Melton, Director of Business Development and Partnerships, International Bird Rescue

**Peru 2022: Capacity-Building in a Crisis**

- Angela Pinzon Ph.D., Technical Advisor, ITOPF Limited

**2C: Domestic U.S. Response Case Studies**

**WEDNESDAY, NOVEMBER 8 • 8:30 AM – 10:00 AM**

This session will focus on presenting key elements regarding response strategies and tactics as a result of large-scale responses off California (West Coast), Louisiana (Gulf Coast), and Georgia (East Coast).

**CHAIR:** Mike Drieu, GOM CEM Manager, Occidental Petroleum Corporation

**CO-CHAIR:** Frank Paskewich, President, Clean Gulf Associates

**Golden Ray Salvage Case Study**

- Jim Elliott, Chief Operating Officer, Teichman Group, LLC

**Huntington Beach Spill**

- Joe Bowles, Region Vice President, Marine Spill Response Corporation

**In-Situ Burn — Black Lake**

- CAPT Nicole Rodriguez, Commanding Officer, U.S. Coast Guard, MSU Lake Charles

**2D: Responding and Evolving in a Changing Marketplace**

**WEDNESDAY, NOVEMBER 8 • 1:30 PM – 3:00 PM**

This session will explore the future state of the contracting community in a volatile and ever-changing business and cultural environment.

**CHAIR:** Nelson Fetgatter, President, Spill Control Association of America (SCAA)

**CO-CHAIR:** Angie Martin, Senior Vice President, Heritage Environmental Services

**PANELISTS:**

- John Silva, VP, Emergency Response and Operations, Moran Environmental Recovery, LLC
- George Malvaney, Principal/Managing Partner, E3 Environmental
- Andrew Altendorf, President & CEO, ACME Environmental
- Ed Turner, President, OMI

**2E: Wildlife: Challenges and Opportunities**

**WEDNESDAY, NOVEMBER 8 • 3:30 PM — 5:00 PM**

This session will cover complications of wildlife response and lessons learned. Topics will include updates on marine mammals and bird care in a response as well as health assessments.

**CHAIR:** Matt Melton, Director of Business Development and Partnerships, International Bird Rescue

**CO-CHAIR:** Sharon Schmalz, Executive Director, The Wildlife Center of Texas

**Complications of Wildlife Response**

- Joyce Riesinger, Senior Response Manager and Rhonda Murgatroyd, Managing Director, Wildlife Response Services, LLC

**Maritime Mammals in Spill Response**

- Elizabeth Stratton, GOM Marine Mammal Disaster Response Coordinator, NOAA National Marine Fisheries Service

**New Biomarkers for Health Assessment**

- J. Jill Heatley DVM MS DABVP (Avian) DACZM, Associate Professor, Zoological Medicine College of Veterinary Medicine, Texas A&M University

**The Pipeline P00547 Incident in Huntington Beach, CA: An inside look at California's Oiled Wildlife Response System**

- Danene Birtell RVT, Readiness Coordinator — Care Operations and Michael Ziccardi, Director, Oiled Wildlife Care Network, UC Davis, Greg McGowan, Chief — Response Technology & Support Branch, California Office of Spill Prevention and Response, Dept. of Fish and Wildlife

**2F: Natural Disaster Response Tools**

**THURSDAY, NOVEMBER 10 • 10:45 AM — 12:15 PM**

This session is focused on highlighting recent best practices in post disaster pollution assessment tools and applications. Particular attention is given to the recent increases in number and severity of hurricanes impacting the Gulf Coast and how to leverage spatial data assessment practices and tools to affect a better response to spills that result from these impacts.

**CHAIR:** Adam Davis, Scientific Support Coordinator, NOAA — Office of Response & Restoration

**Job Aids for Uncrewed Aircraft Systems Operations in Support of Oil Spill and Hurricane Response**

- Jennifer Horsman, GIS Specialist/Geologist, Mark White, GIS Manager, and Bryan Thom, GIS Specialist, Research Planning, Inc.

**Case Study: Storm Tracking and Response for Hurricane Ida**

- Andrew Polk, North America Offshore Team Leader, DTN

**Utilizing ESRI Field Data Collection Applications in Support of Identifying and Tracking Marine Debris: Three Case Studies**

- Bryan Thom, GIS Specialist, Research Planning, Inc.

**2G: Federal Agency Response Stakeholders — Purpose, Scope, and Mission**

**THURSDAY, NOVEMBER 10 • 1:30 PM — 3:00 PM**

This session will provide attendees with a better understanding of the purpose, scope, and mission of key federal response stakeholders. Representatives from the National Response Center (NRC), Regional Response Team 6 (RRT6), and U.S. Coast Guard (USCG) Gulf Strike Team (GST) will provide information about their respective agencies. Attendees will also be given information about the history, structure, and current operational challenges that face each one of the stakeholders represented. The purpose of this session is to provide a better overall understanding of each agency to foster better working relationships in the future.

**CHAIR:** Ben Badon, ER Advisor, Hess Corporation

**MODERATOR:** Robert Chambers, Senior VP Environmental Risk Management Solutions, Global Risk Solutions

**USCG Gulf Strike Team Perspective**

- LCDR Joe Smith, Executive Officer, U.S. Coast Guard Gulf Strike Team

**Regional Response Team Perspective**

- Michael Sams, Incident Management and Preparedness Advisor, U.S. Coast Guard 8th District

**National Response Team Perspective**

- LTJG Savannah Ebbert, Operations Officer, National Response Center

**TRACK 3: TRAINING AND EXERCISES BEST MANAGEMENT PRACTICES:**

**3A: Drills vs. Reality: A Critical Look at the Effect of Artificiality in Drills**

**TUESDAY, NOVEMBER 8 • 1:30 PM — 3:00 PM**

Panelists in this session will discuss the artificialities associated with spill response drills from the various perspectives of Industry, OSRO, Agency, and Consultant participants. This session is intended to set the stage for potential solutions presented in the subsequent sessions within this track.

**CHAIR:** Robert Simmons PE, Executive Associate, Environmental Science Services

**PANELISTS:**

- Mike Drieu, GOM CEM Manager, Occidental Petroleum Corporation
- Paul Galloway, Sr. Emergency Management Specialist (Retired), Chevron U.S.A. Inc.
- Frank Paskewich, President, Clean Gulf Associates
- Nicole Franks, President, NJ Resources, Inc.
- Gary Petrae, Preparedness Analyst, Bureau of Safety and Environmental Enforcement (BSEE)
- Michael Sams, Incident Management and Preparedness Advisor, U.S. Coast Guard 8th District

**3B: Training Innovations**

**TUESDAY, NOVEMBER 8 • 3:30 PM — 5:00 PM**

Looking for new ways to train? Join this session to learn about training tools and technology to enhance your training program.

**CHAIR:** Allyson Purcell, HSE Coordinator — CM & ER, ConocoPhillips

**The Future of Training and Exercises: Current and Future Innovations**

- Sean Griffin, CEO, Disaster Tech

**Training Lessons Learned**

- Ryan Delatte, Emergency Response Specialist, Phillips 66

**Harnessing Technology to Serve Learning through Training and Exercises**

- KC Sullivan, C&CM Training & Exercise Manager, bp

**3D: Best Practices for Exercise Design**

**WEDNESDAY, NOVEMBER 8 • 1:30 PM — 3:00 PM**

An emergency response exercise is a sprint through a relatively brief segment of an emergency response in order to provide an Incident Management Team (IMT) with an opportunity to train personnel, practice implementing their roles and responsibilities, understand internal and external interfaces, and demonstrate proficiency to regulators. This session will explore how the exercise design process is critical to the ultimate success of an exercise. Using lessons learned from past exercises, we explore how to use and improve the design process to create better ones.

**CHAIR:** Bruce Simons, Prevention and Preparedness Coordinator, Texas General Land Office

**Designing Exercises as Part of an Ongoing Exercise Preparedness Program**

- Nicole Franks, President, NJ Resources, Inc.

**It's all about the Simulation Cell (SimCell)**

- Jared Angelle (CDR, USCG, retired), Emergency Response Team Leader, Phillips 66

**Testing the Oil Spill Response Plan — A Programmatic Approach to Designing Government-Initiated Unannounced Exercises (GIUEs)**

- Sara Moore, Gulf Oil Spill Preparedness Section Supervisor, BSEE Oil Spill Preparedness Division

**Exercising Without Pulling a Hamstring**

- Zachary Pickett (CDR, USCG, ref.), Emergency Manager, U.S. Coast Guard Sector Corpus Christi

**3E: Exercise Delivery**

**WEDNESDAY, NOVEMBER 8 • 3:30 PM — 5:00 PM**

Delivering well-run and successful exercises takes a well thought out and multi-faceted approach. That, along with years of hands-on experience to know what works and what doesn't. Join us for this session where three important aspects will be presented and discussed.

- CHAIR:** Lisa Saint, Crisis & Continuity Manager, BP Trading and Shipping

**How to Guide Your Team to Success**

- Allyson Purcell, HSE Coordinator — CM & ER, ConocoPhillips

**Plan Evaluation from a Consulting Firm's Perspective**

- John Carroll, III, Associate Managing Director, Witt O'Brien's

**Comprehensive Communication Excellence**

- Paul Galloway, Sr. Emergency Management Specialist (Retired), Chevron U.S.A. Inc.

**3F: External Drills and Exercise Influences**

**THURSDAY, NOVEMBER 10 • 10:45 AM — 12:15 PM**

In the heat of an incident, safety and operational priorities can easily overshadow information and stakeholder management, creating a dangerous information vacuum. In a digital world, information can spread globally within seconds and opinions are formed very quickly. Once these opinions are formed, they are difficult to change. If initial opinions are negative, the reputation of the company, its contractors, and the agencies involved can be seriously affected. This session explores the importance of practicing proactive external communications and robust ongoing engagement with traditional and social media in drills and exercises in order to maintain and improve readiness to address media management as well as operational aspects of a response.

- CHAIR:** Lisa Saint, Crisis & Continuity Manager, BP Trading and Shipping

**Social Media Management-Plan and Practice!**

- Erika Lamberth, Sr. Consultant, Crisis Communications, The Response Group

**Reputation Management: Meeting Today's Expectations of Accountability and Transparency**

- Darrell Wilson, President, MTI Network USA

**The Value in Media Engagement in a Crisis**

- William Salvin, President, Signal Bridge

**3G: Exercising for Proficiencies**

**THURSDAY, NOVEMBER 10 • 1:30 PM — 3:00 PM**

We conduct exercises to validate plans, policies, and procedures that ensure emergency preparedness by identifying both strengths and weaknesses. This session

will discuss strategies and best practices that increase proficiencies for your exercise program to ensure continuous improvement.

- CHAIR:** Kenny Rhame, CIO, The Response Group

**Modifying Exercises to Improve Proficiency**

- Ron Cantin, President, EMSI

**After Action Reporting and Lessons Learned**

- Bruce Simons, Prevention and Preparedness Coordinator, Texas General Land Office

**HSEEP: What is it and How can it Help Improve your Exercise Program**

- Allyson Purcell, HSE Coordinator — CM&ER, ConocoPhillips

**TRACK 4: SAFETY IN PLANNING, PREPAREDNESS, AND RESPONSE:**

**4A: Industry Safety**

**TUESDAY, NOVEMBER 8 • 1:30 PM — 3:00 PM**

This session will contain a review of regulatory issues and cases surrounding community and worker safety in industry and transportation.

- CHAIR:** Cory Davis, CEO (retired), CTEH, LLC.

**Corpus Christi NTSB Review 5 killed following a Marine Pipeline Strike**

- Ed Landgraf, Chairman, CAMO \Coastal and Marine Operators

**Emerging Scientific and Regulatory Issues on Chemical Exposure and Risks to Fenceline Communities from Industrial Air Toxics Emissions**

- Tami McMullin, Senior Toxicologist, CTEH, LLC.

**A Legal Perspective on Safety**

- Gregory Dillard, Partner, Baker Botts L.L.P.

**4B: Planning for Response Equipment Deployment and Safety Considerations**

**TUESDAY, NOVEMBER 8 • 3:30 PM — 5:00 PM**

The purpose of this session is to review how industry mitigates health and safety risks when preparing for offshore equipment deployments. The presence of volatile organic compounds and the high density of vessels and personnel in the area present safety risks to responders working at and near the incident site. This session will share best practices on how advancing procedures and technology can improve safety for the spill response community.

- CHAIR:** Nick Furnari CEM, CBCP, Emergency Preparedness & Response Manager, Marine Well Containment Company

**Tactics for Deploying Environmental Air and Water Testing Equipment**

- Paul Nony, Ph.D., Vice President and Principal Toxicologist, CTEH, LLC.

**Vessel Operations, Safety, and Simultaneous Operations (SIMOPS)**

- Martin Majewski, Regional Marine Manager, Shell Exploration & Production Company

**Identifying and Mitigating Risks during Offshore and Subsea Environmental Operations**

- Jodi Harney Ph.D., Senior Scientist|Energy Director, CSA Ocean Sciences, Inc.

**TRACK 5: RESPONSE TECHNOLOGIES AND RESEARCH:**

**5C: Oil Spill Response Facilities Capabilities Overview and Future Opportunities**

**WEDNESDAY, NOVEMBER 8 • 8:30 AM — 10:00 AM**

The presentations within this session will provide overviews of facilities that support oil spill response research and development. Presenters will then take part in a panel discussion on the topic of future opportunities to enhance capabilities.

**CHAIR:** Tom Coolbaugh, Facility/Program Manager, Chief Scientist, Applied Research Associates, Inc. | Ohmsett

**Academic Perspective of Spill Response Research Facility Needs: Pooling of Resources**

- Michel Boufadel, Distinguished Professor and Director at Center for Natural Resources, New Jersey Institute of Technology

**Industry Perspective of Spill Response Research Facilities: Near Term and Future Needs**

- Tim Nedwed, OSR Principal Advisor, ExxonMobil Corporation

**Overview of SL Ross Facility Capabilities**

- David Cooper, P.Eng., Sr. Project Manager, SL Ross Environmental Research Ltd

**Ohmsett Facility Capability Overview**

- Tom Coolbaugh, Facility/Program Manager, Chief Scientist, Applied Research Associates, Inc. | Ohmsett

**5D: Spill Response Research**

**WEDNESDAY, NOVEMBER 8 • 1:30 PM — 3:00 PM**

This session will focus on response research innovations. The technologies to be discussed include trajectory modeling, autonomous detection and monitoring, enhanced planning tools, and boom technologies.

**CHAIR:** Brent Koza, State Scientific Support Coordinator, Texas General Land Office

**Evaluation of Oleophobic — Hydrophilic Skirt for Oil Spill Booms**

- Tim Nedwed, OSR Principal Advisor, ExxonMobil Corporation

**Continuous Oil Spill Remote Sensing and Autonomous Monitoring**

- David Chenault, President, Polaris Sensor Technologies

**Supporting Prevention and Response Efforts through Science**

- Brent Koza, State Scientific Support Coordinator, Texas General Land Office

**Visualizing the Changing Fate of Oil and Other Advances in Spill Trajectory Modeling**

- John Caplis (USCG, Captain Retired), Emergency Oil Spill Coordinator, Bureau of Safety and Environmental Enforcement (BSEE)

**5E: Remote Sensing**

**WEDNESDAY, NOVEMBER 8 • 3:30 PM — 5:00 PM**

Does remote sensing have a play in response? If so, how accurate or useful? This session will focus on different remote sensing capabilities which can impact response efficacy and cost efficiency.

**CHAIR:** John Temperilli, President, Garner, a KSOLV Group Company

**CO-CHAIR:** JT Newman, President, E3 Environmental

**Comparison of Techniques for Estimation of Relative Oil Thickness from Spaceborne SAR**

- Gordon Staples, Senior Radar Applications Scientist/Project Manager, MDA and Oscar Garcia, Director, WaterMapping

**Beyond Oil Spill Detection — Satellite Based Environmental Monitoring of Slicks**

- Martine Espeseth, Project Manager, Hugo Isaksen, Project Manager, Earth Observation, and Andreas Hay Kaljord, Director Earth Observation Sales, Kongsberg Satellite Services

**SAR-Based Oil Spill Thickness Classification**

- Juan Velasco, Physical Scientist, NOAA

**High Frequency Radar for Texas Bay and Ports**

- Christopher Fuller, Chief Operations Officer, RATES, Inc., Liv Haselbach, CHAIR and Professor: Civil and Engineering Department, Lamar University, and Rosa Fitzgerald, Professor, University of Texas at El Paso

**5F: BSEE Response Research — 10 Years of Applied Science**

**THURSDAY, NOVEMBER 10 • 10:45 AM — 12:15 PM**

This session will provide a summary of research and development projects funded by the BSEE Oil Spill Preparedness Division (OSPD) over the past ten years. Additionally, three specific projects on current technologies will be presented and a panel session will further expand on the OSPD Response Research program.

**CHAIR:** Gary Petrae, Preparedness Analyst, Bureau of Safety and Environmental Enforcement (BSEE)

**BSEE Research — 10 Years**

- Eric Miller, Chief, Oil Spill Preparedness Division, Bureau of Safety & Environmental Enforcement

**Linear Boom Configurations to Improve In Situ Burning Efficiency**

- Karen Stone, Program Manager, Bureau of Safety & Environmental Enforcement

**Mechanical Recovery/Containment Research Update**

- Kristi McKinney, Research Program Manager, Bureau of Safety & Environmental Enforcement (BSEE)

**Remote Sensing Research Update**

- Jay Cho Ph.D., Research Program Manager, Remote Sensing, Bureau of Safety and Environmental Enforcement (BSEE)

**5G: Academic Oil Spill Response Research**

**THURSDAY, NOVEMBER 10 • 1:30 PM — 3:00 PM**

Academics with many years of experience in oil spill response (OSR) research will describe their current and past efforts. Further, speakers will share their thoughts on the importance of how to increase collaboration between academia and the response industry.

**CHAIR:** Tim Nedwed, OSR Principal Advisor, ExxonMobil Corporation

**Dispersant Effectiveness in Blowouts and Surface Spills**

- Michel Boufadel, Distinguished Professor and Director at Center for Natural Resources, New Jersey Institute of Technology

**The TROPICS Experiment: Long Term Changes of a Tropical Ecosystem after a Purposeful Oil Spill**

- Anthony Knap Ph.D., Director, Geochemical & Environmental Research Group, Texas A&M University

**The Effects of Oil Properties on the Aerosolization and Emulsification of Oil Slicks**

- Joseph Katz, Professor, Johns Hopkins University

**TRACK 6: EMERGING TRENDS AND CONCERNS**

**6C: Environmental Social Governance (ESG) and the Spill Response Community**

**WEDNESDAY, NOVEMBER 8 • 8:30 AM — 10:00 AM**

This session will explore how the spill response community can support the Environmental Social Governance (ESG) goals of the broader industry.

**CHAIR:** Keely Fitzpatrick, PMP, Sr. Business Performance Consultant, Marine Spill Response Corporation

**Operator Insights into ESG Reporting**

- Alex Sagebien, VP of Health and Safety, Hess Corporation

**ESG and the Impact on Navigating our Waterways**

- Carleen Walker, Co-Founder/Executive Director, North American Marine Environment Protection Association (NAMEPA)

**How your OSRO can Support your ESG Goals**

- Ceren Karaer, Director, Business Development, Marine Spill Response Corporation

**An Industry Perspective of ESG**

- Maria Gonzalez-Perez, VP Business Development | New Energy, Woodside Energy

**6D: Valuable Lessons-Learned from State Vessel Turn-In Programs and NOAA Marine Debris Grants**

**WEDNESDAY, NOVEMBER 8 • 1:30 PM — 3:00 PM**

The purpose of this session is to educate the public and environmental community about vessel turn-in programs and how they can assist with the problems of abandoned vessels along U.S. coastal waters. Each of the state presenters has had a different way of going about creating and funding their vessel turn-in programs. The presentations will be followed by a panel discussion.

**CHAIR:** Stephen Cook, Project Manager III, Texas General Land Office Oil Spill Program

**MODERATOR:** Raymond Oliveira, Manager, Texas General Land Office

**The Development and Success of the Texas General Land Office Vessel Turn-In Program**

- Stephen Cook, Project Manager III, Texas General Land Office Oil Spill Program

**The Development of the Florida Vessel Turn-in Program**

- Philip Horning, Derelict Vessel Program Administrator, Florida Fish and Wildlife Conservation Commission (FWC)

**South Carolina's Vessel Turn-In Program Development Utilizing the NOAA Marine Debris 309 Process**

- Adam Bode, Coastal Planner, South Carolina Dept. of Health and Environmental Control

**Marine Debris Program Grants and the 309 Process as it Relates to Derelict Vessel Removal and Vessel Turn-In Programs**

- Caitlin Wessel Ph.D., Marine Debris Program, Gulf of Mexico Regional Coordinator, NOAA — Office of Response & Restoration

**6E: PFAS — Ongoing Challenges and Concerns**

**WEDNESDAY, NOVEMBER 8 • 3:30 PM — 5:00 PM**

The purpose of this session is to provide updates and recommendations for developments in PFAS regulations, analytical methods, and AFFF replacement products.

**CHAIR:** Helen Dubach, Director, Response Management, CTEH, LLC.

**The Top Five Preparations to Weather the PFAS "Forever Chemical" Storm**

- Angie Perez, Senior Toxicologist, CTEH, LLC.

**Challenges Regarding Aqueous Film Forming Foam (AFFF) and the Transition to a Non-PFAS Based Firefighting Agent**

- Brian Olsen, P.E., Sr. Fire Protection Engineer, Phillips 66 — Crisis Management/ Emergency Response

**Current and Emerging EPA Approved Analytical Methods for PFAS**

- Stephen Somerville, Technical Director-PFAS, Pace® Science and Technology Company

**6F: Unique Hazards**

**THURSDAY, NOVEMBER 10 • 10:45 AM — 12:15 PM**

This session will bring together unique hazards which are not oil spill related, but should appeal to those who are in the prevention, planning, and response spheres of influence. We have all become aware of the hazards presented by marine debris, which is the result of improper management of plastics. As we migrate toward renewable energy, we have to remember that these energy sources come with risks associated with windfarms in the ocean or large format batteries in over-the-road vehicles. We will also be exploring response technologies for high temperature, high pressure wells.

**CHAIR:** Angie Martin, Senior Vice President, Heritage Environmental Services

**Potential Renewable Energy Hazards — Wind Farms**

- Bryan Rogers, PVB Chief, Bureau of Safety and Environmental Enforcement (BSEE)

**Advancing Effective Response Technology to Manage Containment of High Pressure, High Temperature Wells**

- Matthew Goldsmith, General Manager, Engineering, Marine Well Containment Company

**Planning for the Unplanned: Emergency Response to Marine Debris**

- Amy Gohres, Response Specialist and Strategic Project Manager, NOAA

**6G: Working as a Team to Manage a Cyberattack in the Maritime Transportation System (MTS)**

**THURSDAY, NOVEMBER 10 • 1:30 PM — 3:00 PM**

Like an oil spill, a cyber-attack is a corporate crisis that brings together a team of experts to mitigate the impact. When an oil spill, or other safety related incident is the result of a cyber-attack, the incident is escalated to include many players within the Maritime Transportation System (MTS). Preparedness for such an incident and how a company works together internally and with its external partners to manage this corporate crisis will dictate either success or failure. Threat actors look for access and when they find it, they exploit that access for financial purposes. However, a new risk has developed, threat actors that go beyond attempts to wreak havoc on business enterprise systems but seek to cause environmental and safety incidents that have the potential to harm not only the environment, but people.

**CHAIR:** Judith Roos, Global Business Development & Strategic Alliances, Booz Allen Hamilton

**PANELISTS:**

- CDR Jason Smith, Commander, U.S. Coast Guard Sector Houston-Galveston
- Jared Angelle (CDR, USCG, retired), Emergency Response Team Leader, Phillips 66
- CDR Brendan Sullivan, Cyber Command Staff Judge Advocate, U.S. Coast Guard Cyber Command

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Clean Earth Systems Inc.	Heritage Environmental Services	Resolute Environmental and Response
Clean Gulf Associates	Horizon Environmental	Rozema Boat Works, Inc.
Clean Harbors	Hull's Environmental Services, Inc.	Southwest Shipyard, LP
Cliff Berry, Inc.	Integrity Management and Response, LLC	Specialized Professional Services, Inc.
Coastal Response Research Center	International Bird Rescue	Spill Control Association of America (SCAA)
Cotton Logistics	International Spill Control Organization	Spill Tackle, LLC
CRUCIAL, INC.	Kongsberg Satellite Services	SWCA Environmental Consultants, Inc.
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E3 Environmental	Lone Star Hazmat Response, LLC	The Response Group
Electronic Marine Systems Inc.	Marine Pollution Control	UltraTech International
EMSI	Marine Spill Response Corporation	United States Environmental Services
EnviroCon Systems Inc.	Marine Well Containment Company	US Fire Pump, LLC
Environmental Restoration LLC	MDA GSI	Witt O'Brien's
EnviroServe, a Savage Company	Megator - Pumps 2000 America	

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Contact Renie Mayfield at 720-289-7008 or [rmayfield@accessintel.com](mailto:rmayfield@accessintel.com) to discuss exhibit and sponsorship opportunities at CLEAN GULF 2022!

# NETWORKING ACTIVITIES AND EXHIBIT HALL HOURS

## TUESDAY, NOVEMBER 8

### WOMEN IN EMERGENCY MANAGEMENT FORUM: HONORING THE PAST — ACKNOWLEDGING THE FUTURE

5:00 PM - 6:30 PM

Sponsored by 

## WEDNESDAY, NOVEMBER 9

### EXHIBIT HALL HOURS

10:00 AM - 6:30 PM

### NETWORKING BREAK IN THE EXHIBIT HALL

10:00 AM - 10:45 AM

Sponsored by 

### LUNCH IN THE EXHIBIT HALL

12:15 PM - 1:30 PM

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### NETWORKING BREAK IN THE EXHIBIT HALL

3:00 PM - 3:30 PM

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### OPENING RECEPTION IN THE EXHIBIT HALL

5:00 PM - 6:30 PM

## THURSDAY, NOVEMBER 10

### EXHIBIT HALL HOURS

9:30 AM - 1:30 PM

### NETWORKING BREAK IN THE EXHIBIT HALL

10:00 AM - 10:45 AM

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### LUNCH IN THE EXHIBIT HALL

12:15 PM - 1:30 PM

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