



**AUGUST 17-18, 2021**

HYATT REGENCY LAKE WASHINGTON

# **CLEAN PACIFIC 2021 CONFERENCE PROGRAM**



[www.cleanpacific.org](http://www.cleanpacific.org)

Co-Hosted by:



## CLEAN PACIFIC 2021

The 2021 CLEAN PACIFIC Conference will take place live and in-person August 17-18 at the Hyatt Regency Lake Washington in Renton, WA. The State of Washington is officially open beginning June 30, which means the Hyatt Regency Lake Washington, venue for the 2021 CLEAN PACIFIC Conference, is fully open for business without any restrictions for events. For anyone who faces travel restrictions, there is an option to attend virtually.

The live event will host six conference sessions, 15+ exhibitors, networking reception and multiple networking breaks. All sessions will be live-streamed and available on-demand in our virtual platform immediately following CLEAN PACIFIC. Following the conclusion of the live event, there will be new sessions available for viewing on-demand in the virtual platform.

## WHY ATTEND CLEAN PACIFIC

As an environmental and response professional working in the Western United States & Canada, it is important to stay up-to-date on best practices and challenging issues for spill prevention, response and remediation and maintain relationships with all parties involved in incident command and the communities that may be impacted. At the CLEAN PACIFIC Conference, you'll have the opportunity to connect with professionals from maritime, facilities, rail, pipeline and governmental agencies during dedicated networking activities, conference sessions, on the exhibitor floor, and in the virtual platform.

- Topics of discussion in conference sessions are focused on region-specific issues that offer real strategies and solutions for what you face in the Western United States and Canada
- You can network with attendees from all levels of industry, government, and non-governmental organizations at the live event or on the virtual platform
- Vendors are on-hand in the exhibit hall, and in the virtual platform, ready to help you find solutions to your environmental and emergency response needs

## 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 PACIFIC attendees, participate in live-streamed sessions, connect with exhibitors and speakers, and watch on-demand content.

### Communicate with fellow attendees:

- All 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 six conference sessions will be live-streamed so you can watch in real-time. Sessions will be available on demand after the event is over if you want to re-watch or had a scheduling conflict that caused you to miss one.
- 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.
- Multiple recorded bonus sessions will be available on-demand and released after the event is over.

### Connect with exhibitors and sponsors:

- All exhibitors and sponsors of CLEAN PACIFIC 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 PACIFIC.

## 2021 CLEAN PACIFIC SCHEDULE AT A GLANCE

### Monday, August 16

12:00 PM – 5:00 PM	Registration Open
1:00 PM – 6:00 PM	Exhibitor Move-in

### Tuesday, August 17

8:00 AM – 4:30 PM	Registration Open
8:00 AM – 8:30 AM	Welcome Breakfast in the Exhibit Hall
8:30AM – 10:00 AM	Virtual Command Posts for Response and Exercises: What will we take into the Future?
10:00 AM – 10:45 AM	Networking Break in the Exhibit Hall
10:45 AM– 12:15PM	Wildlife Issues and Regulations in the Northwest Region
12:15 PM – 1:15PM	Lunch
1:15 PM – 2:45 PM	Emerging Technologies
2:45 PM – 3:15 PM	Networking Break in the Exhibit Hall
3:15 PM – 4:45 PM	Transboundary and Stakeholder Issues
4:45 PM – 5:45 PM	Reception
5:45 PM – 6:45 PM	Balaena Concept Vessel Demo and Cocktail Reception

### Wednesday, August 18

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	Inland Prevention and Response
10:00 AM – 10:30 AM	Networking Break in the Exhibit Hall
10:30 AM – 12:00 PM	Evolving Response Issues – A Mixture of Challenging Topics and Practical Applications
12:00 PM – 12:30 PM	Grab-n-Go Sendoff Break
12:00 PM – 6:00 PM	Exhibitor Move-out



**2021 CLEAN PACIFIC CONFERENCE PROGRAM****TUESDAY, AUGUST 17, 2021****Welcome Breakfast in the Exhibit Hall****8:00 AM - 8:30 AM**

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

**Virtual Command Posts for Responses and Exercises: What will we take into the Future?****8:30 AM - 10:00 AM**

This session will explore some key lessons learned and good practices from the design and implementation of virtual command posts utilized in recent responses and exercises in the west coast region. The presentations will be followed by a 30-minute panel discussion with a focus on what lessons/practices we will take forward into a new hybrid of part virtual/part in-person Incident Command Posts (ICPs).

**Chair: Conor Keeney, Lead Contingency Planner, Marathon Petroleum (formerly Andeavor)**

**Co-Chair: Heather Parker, Navy On-Scene Coordinator, U.S. Navy NW Region**

**ESF-10 Response -Oregon's 2020 Wildfires**

Randy Nattis, Federal On-Scene Coordinator, U.S. EPA

**Comparing Pre and Post Pandemic Exercise Critiques**

Brian Meier, Senior Exercise & Response Advisor, The Response Group

**Overview of ConocoPhillips/Polar Tankers recent Valdez Worst Case Discharge Tabletop Exercise (WCD ttx)**

Brett Lowe, Polar Tankers - Director, Emergency Response, ConocoPhillips and Agneta Dahl, MEP (USCG CDR ret.), Director - Exercises & Preparedness, NJ Resources, Inc.

**Networking Break in the Exhibit Hall****10:00 AM - 10:45 AM**

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



## **Wildlife Issues and Regulations in the Northwest Region**

**10:45 AM - 12:15 PM**

The Pacific states and provinces are rich in wildlife with a broad range of species at risk to oil spills. These include marine mammals, birds, reptiles and amphibians not to mention fish. A number of these are high visibility and high conservation values species. In addition, the Northwest Area (Region 10) has and continues to spend considerable resources planning for wildlife impacts and how they should be mitigated. This session will cover topics over a range of species and current issues in oiled wildlife preparedness and response including marine mammals, inland preparedness, and personnel management and training.

**Chair: Linda Pilkey Jarvis, Preparedness Program Manager, Washington Dept. of Ecology-Spill Program**

**Moderator: Curt Clumpner, Sr. Consultant, Oiled Wildlife Care Network**

### **Recent Changes in Wildlife Capability and Regulations in the State of Washington**

Curt Clumpner, Sr. Consultant, Oiled Wildlife Care Network

### **Marine Mammal/Sea Otter Response in the Pacific Northwest**

Greg Frankfurter DVM, Veterinarian, Sealife Response, Rehabilitation, and Research (SR3)

### **Short-Term Effects of Petroleum Exposure and the Process of Petroleum Removal on Northern Leopard Frogs (*Lithobates pipiens*)**

Becky Elias, Scientist, Environmental Assessment Services, LLC

### **Leveraging Emergency Restoration to Reduce the Time and Cost of Restoration**

Richard Nance, Claims Manager, Natural Resource Damages, National Pollution Funds Center

## **Lunch**

**12:15 PM - 1:15 PM**

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

## **Emerging Technologies**

**1:15 PM - 2:45 PM**

This session will provide participants insights into technological advancements in support of emergency response and preparedness. Speakers will examine oil detection thresholds by canines, use of marine induced polarization in non-floating oil detection, and lastly how subsea dispersant injection (SSDI) reduced exposure of well control workers to volatile organic compounds (VOC) during Deepwater Horizon.

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

### **Canine Detection Thresholds**

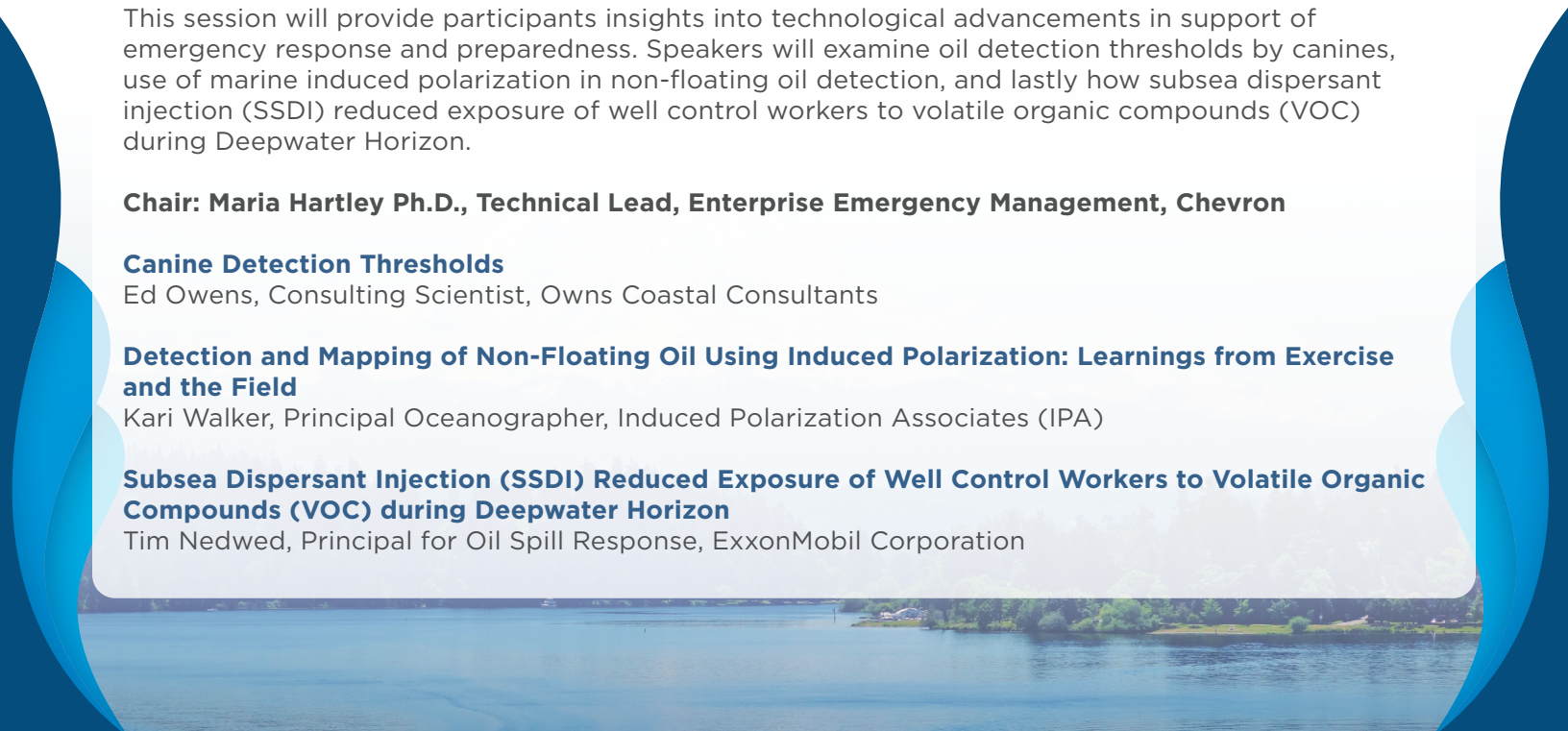
Ed Owens, Consulting Scientist, Owens Coastal Consultants

### **Detection and Mapping of Non-Floating Oil Using Induced Polarization: Learnings from Exercise and the Field**

Kari Walker, Principal Oceanographer, Induced Polarization Associates (IPA)

### **Subsea Dispersant Injection (SSDI) Reduced Exposure of Well Control Workers to Volatile Organic Compounds (VOC) during Deepwater Horizon**

Tim Nedwed, Principal for Oil Spill Response, ExxonMobil Corporation



**Networking Break in the Exhibit Hall****2:45 PM - 3:15 PM**

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

**Transboundary and Stakeholder Issues****3:15 PM - 4:45 PM**

Oil spills are dynamic and complex events. Spills along borders involve multiple governments (federal, state, provincial, local and tribal) in addition to many different stakeholders. For this reason, transboundary responses can be exponentially more complex as there are many different governments and stakeholders involved. In this session, innovative and forward leaning industry leaders will present creative and practical ways to navigate the stormy waters of transboundary response issues.

**Chair: Dave Owings, General Manager, SEAPRO**

**Pacific Safety Initiative from Alaska/Canada to California**

Captain Ed Page, (USCG, Ret.), Executive Director, Marine Exchange of Alaska

**Western Alaska Tanker Lightering Best Practice Committee**

Buddy Custard, President & CEO, Alaska Chadux Corporation

**Regulatory Developments Along the U.S. and Canadian West Coast: NFO, Certified SMTs, GRPs and Everything In Between**

Colin McWilliams, Director ER & Planning, Rio Environmental Consultants and Nic Winslow, Manager Hazmat Planning, BNSF Railway

**Reception****4:45 PM - 5:45 PM**

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

**Balaena Concept Vessel Demo and Cocktail Reception****5:45 PM - 6:45 PM**

Join representatives from Balaena at this on-water demonstration and cocktail reception. Balaena will be demonstrating its patented technology with their Proof-of-Concept vessel, now in Gen II design development, on the lake at the Hyatt Regency Lake Washington. Following the demonstration, you are welcome to board the vessel, 3 at a time.





## WEDNESDAY, AUGUST 18, 2021

### Breakfast in the Exhibit Hall

**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.

### Inland Prevention and Response

**8:30 AM - 10:00 AM**

Inland waterways in the Pacific Northwest are rich and highly valuable assets due to many factors, among which are their natural beauty, migratory pathways and habitat, hydroelectric power generation, tribal resources, sources of agricultural and drinking water, fishing and tourism. Critical transportation routes and facilities occur along these same waterways, and as a result pose potential spill threats to these resources. This session will explore some significant oil spill prevention activities and response incidents at large hydroelectric dams and Class A railroads along key rivers such as the Columbia and Snake Rivers, and the North Santiam River.

**Chair: Richard Franklin, Federal On-Scene Coordinator, U.S. EPA Region 10**

**Co-Chair: TJ Engstrom, Director Emergency Services, Clean Harbors**

### Pacific Northwest Hydroelectric Dams – Oil Handling, Operations, and Spill Prevention

Ken Duncan CEM, Environmental Compliance, Energy, and Sustainability Program Manager, U.S. Army Corp of Engineers - Portland District

### North Santiam River Tanker Truck Spill Response

Ross McMakin, Principal, Technical Services Manager, NWFF Environmental

### BNSF: Spill Response and Prevention in the Pacific Northwest

Patrick Brady, Director Hazmat Special Operations, BNSF Railway, Invited

### Networking Break in the Exhibit Hall

**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!

### Evolving Response Issues - A Mixture of Challenging Topics and Practical Applications

**10:30 AM - 12:00 PM**

Despite the ongoing pandemic impacts on the maritime industry, there has continued to be the demand of emergency response efforts, and ongoing evolution of both planning and performance demands. This series of panel discussions will push discussions on three unique areas (mass vessel casualty response operations, marine firefighting, and environmental challenges and policies) and provide collaborative and at times differing perspectives from stakeholders.

**Chair: Devon Grennan, President, Global Diving & Salvage, Inc.**

#### PANELISTS

- Jim Elliott, Chief Operating Officer, T&T Salvage, LLC
- Greg Buie, Regional Manager, Western States and Pacific Region, U.S. Coast Guard National Pollution Funds Center
- Kerry Walsh, Global Diving Project Manager, Global Diving & Salvage, Inc.
- Capt. Patrick Hilbert, Captain of the Port, U.S. Coast Guard, Sector Puget Sound

**Grab-n-Go Sendoff Break****12:00 PM - 12:30 PM**

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

**ON-DEMAND SESSIONS****Capacity Building in Tribal and First Nation Communities**

This session will be pre-recorded and released as bonus content for attendees of CLEAN PACIFIC. All attendees, in-person and virtual, will be able to watch this session on-demand in our virtual platform beginning August 23rd.

Panelists in this session will explore how different jurisdictions are working to build capacity in tribal and First Nations communities.

**Moderator: Nhi Irwin, Section Manager, Statewide Resources, Washington Dept. of Ecology-Spill Program**

**Bureau of Indian Affairs Perspective**

Eirik Thorsgard, Regional Archaeologist, Northwest Region, Bureau of Indian Affairs

**Oregon Perspective**

Janet Niessner, Tribal Resource Response Specialist, Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians

**Washington Perspective: Marine**

Haley Kennard, Environmental Policy Analyst, Makah Office of Marine Affairs

**Response Case Studies**

This session will be pre-recorded and released as bonus content for attendees of CLEAN PACIFIC. All attendees, in-person and virtual, will be able to watch this session on-demand in our virtual platform beginning August 23rd.

Case studies are always an important feature for the CLEAN events. They are an excellent way to learn from other's experiences, both good and bad. This case study session allows for the inclusion of speakers that would have been otherwise unable to participate this year in person. They are unique to the Pacific Northwest as well as Canada.

**Moderator: Jeff Brady, Deputy Superintendent, Canadian Coast Guard, Western Region**

**Bligh Island Shipwreck: An Integrated Marine Pollution Response on Canada's West Coast**

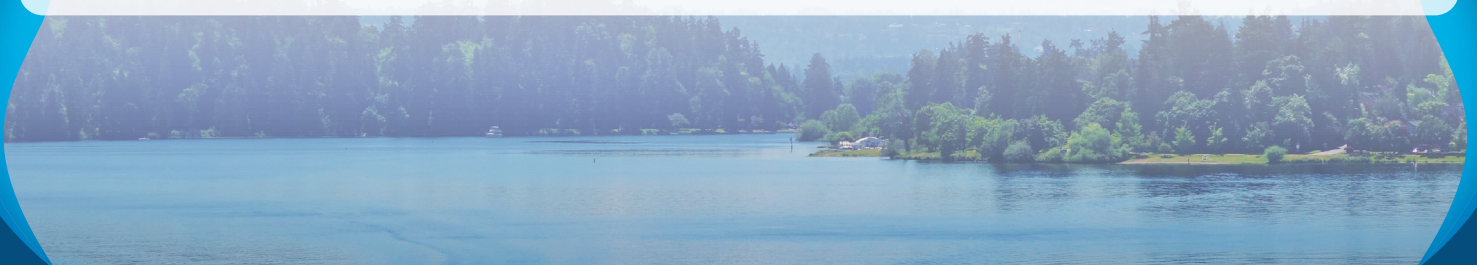
Paul Barrett, Superintendent, Environmental Response, Canadian Coast Guard, Western Region

**2020 Oregon Wildfire: EPA's Massive Response and Cleanup**

Randy Nattis, Federal On-Scene Coordinator, U.S. EPA

**Managing Hazardous Vessels: An Overview of the Canadian Coast Guard's Actions to Mitigate Hazardous Vessels**

Sean Hand, Deputy Superintendent, CCG Vessels of Concern, Canadian Coast Guard, Western Region





**Indigenous Advisory Monitoring Committee (IAMC) and Emergency Management**

This session will be pre-recorded and released as bonus content for attendees of CLEAN PACIFIC. All attendees, in-person and virtual, will be able to watch this session on-demand in our virtual platform beginning August 23rd.

With a shared goal of safety and the protection of environmental and Indigenous interests in the lands and water, the Indigenous Advisory Monitoring Committee (IAMC) forms the basis of an enhanced relationship between Indigenous communities, Industry, and the Canadian Government. The IAMC provides for a collaborative, inclusive and meaningful involvement in the review and monitoring of several important aspects of the construction and operation of Industry projects in Canada, including emergency management.

By working with Industry, the IAMC provides a collaborative forum to share knowledge and create mutual understanding to increase the emergency preparedness and response capacity of Indigenous communities. This session will focus on how the partnership between the IAMC and Industry has led to opportunities for greater Indigenous inclusion in emergency management, improved emergency preparedness among Indigenous communities, and facilitated a better understanding of meaningful and effective engagement related to emergency management.

**Moderator:** Kelly Malinoski, Director, Emergency Management, Trans Mountain Pipeline LP

**Panelist:** Tina Donald, Chair -TMX Indigenous Advisory and Monitoring Committee Emergency Management Sub-Committee, Simpcw First Nation



CLEAN PACIFIC



AUGUST 17-18, 2021

HYATT REGENCY LAKE WASHINGTON

## 2021 CLEAN PACIFIC EXHIBITORS



## 2021 CLEAN PACIFIC SPONSORS

