

Eleventh Biennial Oil Spill Response Technology Workshop



Marathon Refinery
Carson, CA

Tuesday, May 27 – Friday, May 30, 2025



DRAFT AGENDA

Tuesday, May 27, 2025 (DAY 1)

Session 1 AGENCY UPDATES

Session Chair: Annie Nelson, OSPR

Time (PDT)	Topic	Presenter(s), Affiliation
1300	Safety, Logistics, and Agenda Review	Annie Nelson, OSPR Court Hemerick, Marathon
1315	OSPR Welcome	Heather Geldart, Administrator
1320	Industry Welcome	Luis Martinez, HESS Director, Marathon
1325	U.S. Coast Guard Update: Interagency Coordinating Committee on Oil Pollution Research (ICOPR), Great Lakes Oil Spill Center of Expertise (GLCOE) and other CG research	*Elizabeth Petras, USCG
1350	The Multi-Partner Research Initiative: A Scientific Research Network under Canada's Oceans Protection Plan to Support Decision Making in Oil Spill Response	*Heather Dettman, NRCan-MPRI
1415	NETWORKING BREAK (20 minutes)	
1435	API/ipieca Industry Updates	<i>Maria Hartley, Chevron +</i>
1500	Ohmsett's capabilities, testing, and improvements	Anthony Logothetis, Applied Research Associates, Inc.
1525	CA OSPR Update	Greg McGowan, OSPR

1550: CLOSING COMMENTS – END OF DAY 1

Wednesday, May 28, 2025 (DAY 2)

0800-0810: Welcome, Safety, and Agenda Review

Session 2 RENEWABLE & ALTERNATIVE FUELS

Session Chair: Court Hemerick, Marathon

Time (PDT)	Topic	Presenter(s), Affiliation
0810	Field Testing of Conventional Skimmer with Renewable Diesel and Feedstocks	Dave Dolnick, P66
0835	Analytical Tools for Renewable Fuel Spill Response	Joe LaCalle, OSPR
0900	An Evaluation of the Composition and Risk Associated with Renewable Diesel LNAPL During Release Response	Nicole Longinotti, Stantec
0925	Independent Evaluation of Mechanical Recovery Technologies with Dielectric Fluids	*Alex Balsley, USCG R&D

0950: NETWORKING BREAK (10 minutes)

Session 3 APPLIED RESPONSE TECHNOLOGIES (ART)

Session Chair: Court Hemerick, Marathon

Time (PDT)	Topic	Presenter(s), Affiliation
1000	MSRC Alternative Response Program Capabilities	Tracy Sedlack, MSRC
1025	Advancements in Dispersant Technology: Recent Updates	Maria Hartley, Chevron *Tim Steffek, API
1050	Introduction to Chemical Herders	*Kelly McFarlin, ExxonMobil
1115	You Shampoo Because Hair Collects Oil	Lisa Gautier, Matter of Trust
1140	Surface Washing Agents – Consolidation of Current State of Knowledge	Greg McGowan, OSPR Jacqui Michel, RPI
1205	A Smarter Washing Agent: Lifts, Floats, and Recovers Oil Removing as Much Oil as Possible—Then Tackling the Contamination Left Behind That Affects Fish and Wildlife	Pilar Ortega, ITS Environmental

1230: LUNCH BREAK (55 minutes) – hosted by P66

Wednesday, May 28, 2025 (DAY 2, continued)

Session 4 MECHANICAL RESPONSE TECHNOLOGY

Session Chair: Tim Langford, Shell Oil

Time (PDT)	Topic	Presenter(s), Affiliation
1325	Latest generation of HARBO Boom, the T6UHD	Brian Robinson, SpillBully
1350	Development of a Durable and Cost-effective Filter for Enhanced Oil Spill Recovery Using a Carbon and Titanium Dioxide Composite Coating	Mingheng Li, Cal Poly Pomona
1415	Jellyfishbot: The Smart Solution for Industrial Water Pollution – Including Plastic Pellets	*Damien Boursiquot, IADYS
1440	Detection by Collection	Brad Rutledge, Balaena, Inc.
1505	NETWORKING BREAK (15 MINUTES)	
1520	Plant Nappy and Plant Mat: Smart thinking in drip and spill containment. New, light and user-friendly method of drip and spill containment.	Doug Ingraham, Plant Nappy
1545	First-ever mechanical recovery of ultra-thin oil sheens under 50 microns—previously deemed unrecoverable.	*Jason Ogilvie & *Nigel Bennett, Aqua-Guard Spill Response Inc.
1610	Shore Zone Micro-barge – a specialized barge designed for receiving and transporting heavy oil manually recovered from within the shore zone	*Stafford Reid, EnviroEmerg
1635	Oil Recovery Robot for Responding to Over 80% of Port and Small-Scale Accidents	Soojin Choung, Sheco

1700: CLOSING COMMENTS – END OF DAY 2

Thursday, May 29, 2025 (DAY 3)

0800-0810: Welcome, Safety, and Agenda Review

Session 5 PLANNING & MODELING TOOLS

Session Chair: Jared Angelle, P66

Time (PDT)	Topic	Presenter(s), Affiliation
0810	Using AI Data Assimilation to Improve Deterministic and Stochastic Drift Modelling	*Dan Stepney & Marina Sendin, Digital Earth Solutions
0835	Controlling your Response with Smarter Information Management for better Situational Awareness	Kenny Rhame, TRG
0900	The Environmental Response Management Application (ERMA) as a Common Operational Picture for Oil Spill Response and Incident Management	Zach Winters-Staszak, NOAA
0925	Enhancing Oil Spill Response with UAV-Supported 2D/3D Modeling: A Comprehensive Approach to Surface and Subsurface Impact Assessment	Julio Vilar, Arcadis
0950	Enhancing Oil Spill Response with Real-Time UAS Telemetry and Data Management via Aloft's Air Control Platform	Josh Ziering, Aloft Technologies

1015: NETWORKING BREAK (20 MINUTES)

Session 6 NON-FLOATING OIL (NFO)

Session Chair: Jared Angelle, P66

Time (PDT)	Topic	Presenter(s), Affiliation
1035	Multibeam Echosounders for Oil and Gas Leak Detection	Sandy Borthwick, Teichman Group, LLC
1100	When Oil Sinks: Laboratory Tests Investigating How Shoreline Oiling Can Lead to Sunken Oil	*Lee Britton, ECCC-NEEC

Session 7 REMOTE SENSING

Session Chair: Jared Angelle, P66

Time (PDT)	Topic	Presenter(s), Affiliation
1125	Estimation of Minimum Oil Slick Detection Area using RADARSAT-1/2	Gordon Staples, MDA
1150	Triage and Monitoring of a Shallow Offshore Abandoned Oil Field / Seep Field	Ira Leifer, Bubbleology

1215: LUNCH BREAK – BBQ outside, hosted by MSRC

Last updated: May 14, 2025

Thursday, May 29, 2025 (DAY 3, continued)

Session 8 LIVE DEMONSTRATIONS – 1300-1600

Station	Technology	Presenter(s), Affiliation
1	HARBO boom	Brian Robinson, SpillBully
2	Filter with coating	Mingheng Li, Cal Poly Pomona
3	Booms/Mats made of hair and fur	Lisa Gautier, Matter of Trust
4	Slick Sleuth	Chris Chase, InterOcean Systems
5	SISTER	Ira Leifer, Bubbleology
6	Drone Technology	Jeremy Hurd, MSRC
7	Drone Technology	Joe Hegranes, Aloft Technologies
8	Pyxis Oil Detection System (PODS)	Adam Hagedwood, Polaris
9	GTS-OR (SWA)	Pilar Ortega, ITS Environmental
10	Dispersant “tailgate” testing	Mark Gregory, USCG

Friday, May 30, 2025 (DAY 4)

0830-0840: Welcome, Safety, and Agenda Review

Session 9 REMOTE SENSING (continued)

Session Chair: Deyuan (Kitty) Kong, Chevron

Time (PDT)	Topic	Presenter(s), Affiliation
0840	Remote Sensing for Spill Response: Operational and Research Needs and Strategies for Transitioning New Technologies to Operations	Nancy Kinner, UNH
0905	Use of a Commercial Off the Shelf Acoustic Sensor for Detecting Oil on the Water's Surface and Under Ice.	Nancy Kinner, UNH
0930	UAS software system for near-real time mapping in marine environments	Oscar Garcia, Water Mapping
0955	Rapid Delivery of Oil Spill Information and Drift Analysis for Enhanced Situational Awareness in the Java Sea	Puguh Sarwanto, Pertamina Martine Mostervik Espeseth, KSAT
1020	NETWORKING BREAK (20 MINUTES)	
1040	Slick Sleuth Update 2025 - Prevention Matters Benefits & Applied Uses of Early-Warning Spill Detectors	Chris Chase, InterOcean Systems, LLC
1105	Pyxis Oil Detection Systems (PODS)	Adam Hagewood, Polaris
1130	Personal Monitoring and SGS SmartSense - IoT in EHS Application and the Future of EHS Monitoring and Testing	Kesavalu M. Bagawandoss & Ron McMahan, SGS North America, Inc.

1215: CLOSING COMMENTS – END OF WORKSHOP