

ISCO & THE ISCO NEWSLETTER

The International Spill Control Organization, a not-for profit organization dedicated to raising worldwide preparedness and co-operation in response to oil and chemical spills, promoting technical development and professional competency, and to providing a focus for making the knowledge and experience of spill control professionals available to Intergovernmental, Governmental, NGO's and interested groups and individuals

ISCO holds consultative status at the International Maritime Organisation and observer Status at International Oil Pollution Compensation Funds

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INTERNATIONAL NEWS

CLICK ON THE BANNERS BELOW FOR MORE INFORMATION

ABS SAYS AGING FPSO FLEET IS CREATING NEW SAFETY CHALLENGES



The FPSO Cidade do Rio de Janeiro cracked in 2019 (file image courtesy Brazilian Navy)

August 15 - The global fleet of Floating Production Storage and Offloading (FPSO) vessels is aging creating increasing safety challenges as many of the ships are nearing or now at the end of their design life. According to ABS, more than half of the ship type vessels are over 30-years-old and a quarter is over 40-years-old.

There have already been several high-profile incidents involving FPSOs or calls for urgent action to head off a potential environmental disaster. In August 2019, Japanese offshore platform operator MODEC reported cracks in the hull of the FPSO Cidade do Rio de Janeiro causing a small oil leak. The FPSO was one of the many offshore production facilities that Petrobras reported it would be decommissioning at maturing oil fields, but others remain in service around the globe.

“The offshore industry is faced with an evolving risk profile,” said Christopher Wiernicki, ABS Chairman, President and Chief Executive Officer, but he notes there are opportunities to enhance protocols and systems to address these risks. The Maritime Executive / [Read more](#)

ISCO AMBASSADORS

(Members appointed to undertake special responsibilities in specified geographical areas)

Carlos Sagrera	Región Iberoamericana
Matthew Sommerville	UK London
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[Benefits of Membership](#)
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ADVANCE YOUR CAREER BY GAINING PROFESSIONAL RECOGNITION.

Professional recognition is a visible mark of quality, competence and commitment, and can give you a significant advantage in today's competitive environment.

All who have the relevant qualifications and the required level of experience can apply for Professional Membership of ISCO.

The organization offers independent validation and integrity. Each grade of membership reflects an individual's professional training, experience and qualifications.

You can apply for Student Membership, Associate Membership (AMISCO), MEMBERSHIP (MISCO) or FELLOWSHIP (FISCO)

[About Professional Membership](#)
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YOU ARE INVITED TO JOIN THE ISCO DISCUSSION GROUP ON LINKED-IN

 Click on the link below -
<https://www.linkedin.com/groups/4016064/>



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For information contact
Mike Watson at
spillcontrol@mwadigital.com

NEWS REPORTS FROM AROUND THE WORLD

CANADA INVESTS \$796 MILLION TO COLLABORATE WITH PROVINCES, TERRITORIES, AND OTHER PARTNERS TO PROTECT NATURE ACROSS THE COUNTRY

August 13 - Protecting more nature is an essential part of addressing biodiversity loss and fighting climate change. Here in Canada, working in collaboration with provinces, territories, Indigenous peoples, and other partners is critical to protect and conserve Canada's nature and to recover Canada's species at risk.

Today, the Minister of Environment and Climate Change and Minister responsible for Parks Canada, the Honourable Jonathan Wilkinson, announced as part of the Enhanced Nature Legacy up to \$796 million in funding to support provinces and territories and other partners' actions to recover species at risk and protect and conserve lands and freshwater.

"Protecting and recovering aquatic species at risk is critical to maintaining Canada's biodiversity and healthy marine and freshwater ecosystems. The funding announced today includes an investment of \$173 million over five years to Fisheries and Oceans Canada, the largest investment allocated to aquatic species at risk to date. Most importantly, it will leverage the expertise of Indigenous, provincial, and territorial partners and support other collaborators across Canada to take in-the-water action to protect and recover the aquatic species at risk that Canadians hold dear." – The Honourable Bernadette Jordan, Minister of Fisheries, Oceans and the Canadian Coast Guard. Environment & Climate Change Canada / [Read more](#)

CHILE: CAPTAINCY OF PUERTO DE CHACABUCO SUCCESSFULLY EXECUTED AN EXERCISE TO COMBAT POLLUTION

August 13 - On August 12, the Captaincy of the Port of Chacabuco carried out the annual exercise to combat water pollution, with the participation of the maritime unit LPM-4411, personnel of the COPEC Puerto Chacabuco Maritime Terminal, the Tanker "Puerto Aysén" and two support boats, belonging to the agental ship agency. Armada de Chile Directemar / [Read more](#)

ESTONIA: NATIONAL WORKSHOP ON CLAIMS AND COMPENSATION

August 18 - At the invitation of the Ministry of Environment for Estonia, the IOPC Funds took part remotely in a two-day workshop on oil pollution claims and compensation on 16 and 17 August 2021. IOPC Funds / [Read more](#)

GEORGIA: NGOS EXPRESS CONCERN OVER OIL SPILL OFF RUSSIA'S BLACK SEA COAST

August 19 - DFWatch–Eastern Partnership Civil Society Forum Georgian National Platform, a coalition of more than 200 non-governmental organizations, expresses concern over an oil spill off Russia's Black Sea coast and calls on the Georgian government to take appropriate measures to prevent the spill from causing major environmental destruction and threatening the Georgian coastline.

In the statement issued Wednesday, the GNP says that the Russian government is hiding the true extent of the damage to the environment. DFWatch / [Read more](#)

IRELAND: ENVIRONMENTAL LAW ENFORCEMENT: EMERGING CHALLENGES 2021

August 20 - The Environmental Protection Agency (EPA) and the Irish Centre for European Law (ICEL) are delighted to announce the annual conference Environmental Law Enforcement: Emerging Challenges 2021. To be held 17th & 18th November 2021 Event Time: 17th & 18th November 2021, 9am to 1pm. Location: On Line. Enquiries to: ICEL@tcd.ie EPA / [Read more](#)

SOUTH AFRICA: THE TOXIC STOCKPILE OF CHEMICALS IN TORCHED DURBAN WAREHOUSE

August 17 - The 14 000m² warehouse held millions of litres of chemicals, some classified as “harmful”, “toxic” or “very toxic”.

[Editor – This article details the various chemicals and their quantities.] News 24 / [Read more](#)

SRI LANKA: UNEP AND GOVERNMENT OF SRI LANKA ANNOUNCE A NEW COLLABORATION TO FIGHT PLASTIC POLLUTION IN RIVERS

August 20 - With new research showing the major role that rivers play in bringing plastic pollution to the oceans, countries are looking for ways to tackle the root causes of the problem in their own waterways. In response, the Sri Lankan government is set to partner with the UN Environment Programme’s (UNEP) CounterMEASURE project to track down sources and pathways of plastic waste in the country’s rivers.

The CounterMEASURE project has developed a unique approach to tracking plastic pollution, using frontier technology like machine learning, GIS mapping, drones, microplastic sampling and citizen science. The methods and models have been tested and deployed along the Mekong River in Cambodia, Lao PDR, Thailand, Viet Nam and along the Ganges and its tributaries in India. Findings are used to develop bespoke policy recommendations for lawmakers and regulators at local, regional and national levels. UNEP / [Read more](#)

USA: EPA AND ARMY ANNOUNCE NEXT STEPS FOR CRAFTING ENDURING DEFINITION OF WATERS OF THE UNITED STATES

July 30 - Today, the U.S. Environmental Protection Agency (EPA) and U.S. Department of the Army announced plans for upcoming community engagements to inform their efforts to revise the definition of “waters of the United States” (WOTUS) to better ensure clean and safe water for all. EPA and Army are committed to developing a reasonable, effective, and durable definition of WOTUS that protects public health, the environment, and downstream communities while supporting economic opportunity, agriculture, and other industries.

“We are committed to crafting an enduring definition of WOTUS by listening to all sides so that we can build on an inclusive foundation,” said EPA Administrator Michael S. Regan. “Uncertainty over the definition of WOTUS has harmed our waters and the stakeholders and communities that rely on them. I look forward to engaging all parties as we move forward to provide the certainty that’s needed to protect our precious natural water resources.” US EPA / [Read more](#)

USA: LATEST NEWS REPORTS FROM NOAA OR&R

August 15 – Please click on the links below to read the latest News Reports from NOAA OR&R

[NOAA Scientists Bring Home Almost 700 Juvenile Flatfish for Lower Duwamish Damage Assessment in Washington](#)

Contaminant loads in the fish will be evaluated through chemical analysis and their otoliths will be examined to quantify recent growth rates. Beach seines using a NOAA research vessel and pulled to shore by hand to sort through each catch.

[Marine Debris Program Leads Workshop at the Coastal Ecosystem Learning Center \(CELC\) Network Virtual Youth Summit](#)

On Saturday, August 7, the Marine Debris Program’s Education Specialist, Alexandria Brake, led a workshop at the Coastal Ecosystem Learning Center (CELC) Network Virtual Youth Summit.

The CELC Network is a consortium of 25 aquariums and marine science education centers located in the United States, Canada, and Mexico, which is coordinated by NOAA’s Office of Education.

[Third Virtual SOCR Class is in the Books!](#)

The week of August 9, OR&R held our third week long virtual [Science of Chemical Releases](#) (SOCR) Class during the COVID-19 Pandemic. Classes were held live on-line with 40 students from multiple federal and state agencies and a few non-profit response consortiums attending from across the U.S. from Hawaii to Virginia and international participants from Canada, Panama, and England.

[OR&R Supports Spill Response in Kodiak, Alaska](#)

OR&R’s Emergency Response Division is supporting the USCG response for the 138’ F/V *St. Patrick*, a scallop boat that sank in Kodiak in 1989 but recently began leaking oil. The response and investigation is ongoing and at this point, it’s unknown how much fuel has leaked or is left on board.

[Marine Debris Program Presents at Sport Fishing and Boating Partnership Council](#)

On August 5, 2021, Sarah Latshaw, Southeast Regional Coordinator for the NOAA Marine Debris Program, was a guest presenter during the Sport Fishing and Boating Partnership Council (Council) meeting.

YEMEN: NATIONAL TRAINING WORKSHOP ON ASSESSMENT OF MARINE LITTER

August 20 - The Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden "PERSGA", in cooperation with the General Authority for Environmental Protection "EPA" in the Republic of Yemen, held a national training workshop on assessing scattered waste on beaches during the period from 18-19 August

The workshop was held with the participation of a large number of experts and specialists as representatives of various sectors, including the Ministry of Environment, the Public Authority for Environmental Protection (EPA), local authorities and representatives of the local community. PERSGA / [Read more](#)

PEOPLE IN THE NEWS

INDIA: PRESIDENT CONFERS VAYU SENA MEDAL ON SQN LEADER DEEPAK MOHANAN



August 15 - On 04 September 2020, Sqn Ldr Mohanan, as captain of a Chetak Helicopter, displayed extraordinary courage and professional skills of a very high order wherein he carried out damage assessment of fire and explosion on-board MT Diamond, a Very Large Crude Carrier (VLCC) off the east coast of Sri Lanka, carrying 3.40 lakh metric tonnes of crude oil. During the seven days operation that followed, he undertook 12 sorties clocking 14:25 hrs which required frequent deck landings on-board various class of Indian Coast Guard ships and directed the ships in efficient firefighting and for aerial survey of the oil spill. All these operations were over sea in marginal conditions, poor visibility and strong gusty winds in excess of 30 knots, under dangerous sea state. The officer relentlessly pursued the mission despite immense risk to his life. The officer's bravery and unwavering resolve with scant regard to personal safety are in the spirit of the highest traditions of the Service. Orissadiary / [Read more](#)

ISCO NEWS

YOUR INVITATION TO JOIN ISCO'S AUGUST 26th 2021 ZOOM MEETING

You are invited to join our next Zoom meeting to be held at 3 pm EDT (8 pm BST or the equivalent time in your own time zone)

The link for joining the meeting is <https://us02web.zoom.us/j/5220550000>

Meeting ID: 522 055 0000

The meeting will last for approximately one hour and will be hosted by Mary Ann Dalgleish, ISCO VP (Membership)

The following items have been suggested for inclusion in the agenda ...

- National Council member roles vs Ambassadors
- New Work Group spreadsheet created by John Wardrop
- Option to replace Chanty with an alternative
- Progress in developing the ISCO Directory of Supplies & Services

... but you can raise any other matters you wish to discuss.

A REMINDER FOR CORPORATE AND INDUSTRY PARTNER MEMBERS

Please visit <https://spillcontrol.org/suppliers-and-services-directory/> to check your current entry in ISCO's Supplies and Services Directory. Mike Watson is working on the introduction of new features that will enhance your entry in the directory.

To complete on this work he needs you to respond to <https://spillcontrol.org/directory-entry-questionnaire/> If we have not included a tick-box for a product or service you provide, please tell us and we can add it to your entry. You are also invited to provide a short paragraph to introduce your company to potential customers. See Section 6.

In an exciting new development, the new directory will have a search facility.

Users will be able to simply enter what they are looking for and, if it's something you provide, they will see your entry with all your info.

Entries in the directory are free for ISCO members but if you have allowed your membership to lapse you should renew ASAP for your entry to be continued. <https://spillcontrol.org/membership-application-form/>

Need help? Have a question or want to comment? Drop a line to spillcontrol@mwadigital.com

NEWS FROM ISCO MEMBERS

Corporate Members of ISCO can benefit from submitting news about new products and services in the “News from ISCO Members” section of the ISCO Newsletter. This is a free facility for Members. Given that the ISCO Newsletter has a large and highly targeted readership in over 50 countries, it’s a cost-effective way to promote your company. If you have some news you would like to share with readers of the ISCO Newsletter, send it to John.McMurtrie@spillcontrol.org

OIL SPILL RESPONSE IN VIETNAM IN COVID-19 LOCKDOWN DAYS

From Vietnam Environmental Incident Response Center (SOS Center)



“Warmest greetings to you from SOS Center (Vietnam). I just wish to share with you some pictures of three oil spill cases which happened recently, which we - SOS Environment Center - responded to on 03, 05, and 08 August 2021 in different provinces here in Vietnam.

The difficulties we encountered with the spills were not manpower, equipment, but the most strengthened measures applied for covid lockdown now in Vietnam. These days there have been 8000 to 12000 new infected persons. People are allowed to go out strictly only for food, drugs. Many Covid control points are set up on the streets. Our responders and vehicles spent the most time and found it very hard to pass through the Covid control points to get to the incident sites. And as a consequence, the hazardous liquids and toxins might be spread wider and further to harm humans and the environment.

And we want to say that: Spill incidents happen independently, not waiting for permission. While dealing with Covid-19 with the most strengthened measures, we must not forget about the more intense incidents that may happen”.

Pham Van Son, Managing Director of Vietnam Environmental Incident Response Center (SOS Center), General Secretary of Vietnam Association for Conservation of Nature and Environment (VACNE)

VARICHEM DE COLOMBIA ANNOUNCES 3 DAY RESPONSE TRAINING COURSE

25 AÑOS
VARICHEM
DE COLOMBIA
1996-2021

IMO I
OMI 4.02

**CURSO
ABIERTO**

Tiene como objetivo implementar planes para administrar, dirigir un equipo de primera respuesta, desarrollar y poner en marcha todo un plan de contingencia, brindándole a los participantes los conocimientos básicos estratégicos, generando habilidades para atender derrames de hidrocarburos.

DIMAR resolución 0937 de 2020

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Cel. +57 3143340014
www.varichem.com

f t i

Les hago extensiva esta invitación a participar en el curso OMI 4.02 de control de derrames primer respondiente, su participación en el curso ayudará a fortalecer uno de los principales pilares para la respuesta oportuna ante una emergencia enfocándose en las actividades de prevención, planeación de la atención y operación de la Emergencia.

METODOLOGIA: Se desarrollará de manera presencial Teórico – Práctica con un Instructor certificado por Nautical Institute

INTENSIDAD: 24 HORAS – 3 DIAS - 15, 16 y 17 de Septiembre

LUGAR : Cartagena de Indias

COSTO: \$ 1.970.000 + IVA - Incluye Almuerzos, refrigerios, estación de café y agua, Equipos y Áreas para demostración y reconocimiento, Manuales por participante, Certificación

****DOBLE CERTIFICACIÓN – DIMAR E INSTITUTO NAUTICO INGLES ****

UNICOS EN COLOMBIA CONCERTIFICACION DIMAR PARA OMI 4.02, 4.03, 4.04

LINK DE INCRIPCIÓN: <https://forms.office.com/r/9m23vmsLBm>

ISCO OFFERS A FREE ONE YEAR TRIAL MEMBERSHIP FOR STUDENTS, TRAINEES AND APPRENTICES WHO ARE MAKING A CAREER IN OUR INDUSTRY.

Our recently joined Student Members have been invited to share news of their activities with the aim of creating opportunities for sharing information and possibilities for ideas-exchange and co-operation. Please note that the ISCO discussion group on Linked-in also provides a good platform for correspondence and ideas-sharing.

Mary Ann Dalgarno writes – “ISCO would like to assist you in your studies. We are still waiting for information on each of you. We would like to feature one student per week in our Newsletter. Please let ISCO know the following:

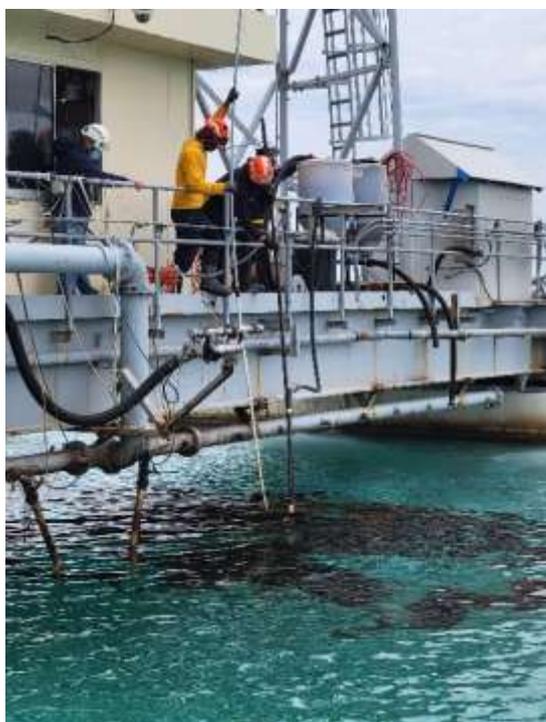
- a. Name, address, school
- b. Field of Study
- c. What type of information you would like to request from our members in order to complete your studies.
- d. Possible ways you could assist ISCO.
- e. Picture of yourself.

Kayode Peter Balogun has been named head of the student group. He can be reached at balogunkayodepeter@yahoo.com. I can be reached at mrydetroit@aol.com.”

CONTRIBUTED ARTICLE

UPDATING THE DISPERSANT EFFECTIVENESS TEST PROTOCOL

An article from OHMSETT - The National Oil Spill Response Research & Renewable Energy Test Facility



Over the last two decades, Ohmsett and the Bureau of Safety and Environmental Enforcement (BSEE) staff have played key roles in supporting important spill response research and have been instrumental in developing protocols for a variety of tests performed at the facility. One in particular, the Dispersant Effectiveness Test Protocol, was developed between 2000 and 2003 to standardize tests with dispersants at Ohmsett. It was recognized that important physical processes present at large scales were not being replicated by laboratory tests, and a reliable way to measure dispersant effectiveness at Ohmsett would assist regional response teams to make science-based decisions on the potential use of dispersants as a response tool.

Since then, several of the Ohmsett test tank components, and the monitoring and analytical equipment have been replaced or upgraded, including the wave maker and controllers. Additionally, engineering studies to characterize tank performance and limitations were conducted after the protocol was designed. These various factors prompted a review and update of the protocol to align it with the current tank performance features.

Recently, SL Ross Environmental Research, Ltd. of Ottawa, Canada conducted BSEE-funded multi-phased research to update the test protocol.

In October 2020 researchers conducted an evaluation of the ability to provide reproducible waves that would break at a predetermined location in the tank. They also established methods for isolating an area on the surface of the wave tank to contain an oil slick without the use of solid barriers, such as a boom.

This was accomplished using subsurface turbines, along with sprayers on the auxiliary and vacuum bridges, and along the sides of the tank.

“We were very pleased at the ability of the jets to keep an oil slick inside the test area, even in high winds and waves, while still allowing it to spread and move naturally,” said James McCourt, environmental engineer at SL Ross.

To build on this effort, SL Ross returned in December 2020 to conduct tests with oil, dispersant, and waves to integrate the previously tested techniques into a fully developed protocol. According to McCourt, during those two weeks, they measured the wave profiles and turbulent energy dissipation rates, evaluated options for distributing oils as slicks into a controlled containment area, developed a method for applying dispersant to the oil slick, verified the ability to target slicks with breaking waves and measure the characteristics of the resulting dispersed oil plume, and developed a method to recover and quantify residual (undispersed) oil.

“The new oil containment system allowed us to use less oil per test compared to the original protocol, which has several advantages, and significantly improved our ability to recover oil after a test and the accuracy of the mass balance.”



Dispersant was applied to an oil slick using a hand-held pressurized nozzle system. The treated slick was then subjected to waves programmed to break at the location of the slick in the Ohmsett test tank

SL Ross returned in April 2021 to finalize the evaluation of the dispersant application method and made adjustments to the oil slick containment and recovery systems. Dispersant was applied to the test slicks from the main bridge using a hand-held pressurized nozzle system. The dispersant treated slick was then subjected to waves programmed to break at the slick location in the test tank.

“Undispersed oil was recovered using a J-shaped suction tube into conical-bottom tanks, where the oil was quantified and sampled,” McCourt explained. “Recovery efficiency for the control runs with no dispersant exceeded 95%, which is a significant accomplishment for tests at this scale. The waves were very consistent and were very effective at dispersing the treated slicks.”

The final report on the project is being prepared and will be available on the BSEE website in the fall of 2021.

This article originally appeared in the Summer 2021 issue of the Ohmsett Gazette. ISCO thanks Ohmsett for the kind permission to republish.

UPCOMING WEBINARS

“FRONTLINE STORIES” -TRUE STORIES ABOUT THE WAYS EMERGENCY RESPONSE SERVICES HELP USERS THROUGHOUT THE CHEMICAL SUPPLY CHAIN

Tuesday, August 24, 2021, 12:00 p.m. ET (GMT -5, New York) When we have a chemical incident, like a spill or accidental exposure, our safety depends on the fast availability of emergency response information. What we don’t always think about is that this information depends on the actions of users throughout the chemical supply chain. [More info and registration](#)

UNDERSTANDING THE CONTENT OF SDS/ESDSS

1, 2, 8, 9 September. From Chemical Watch - Provides in-depth training on how to produce high quality SDSs and guides you through their application to mixtures, exposure reduction, and the interpretation of supplier exposure scenarios. [More info](#)

PFAS, GEOSYNTHETICS, AND ENVIRONMENTAL PROTECTION: HOW MUCH DO WE KNOW SO FAR?

Thursday, September 2, 2021, 12:00pm - 1:00pm From ALGA, This webinar will provide an overview of the current state of the practice on geosynthetic liners- poly and polyfluoroalkyl substances (PFASs) interaction. [More info](#)

EIGHT PHASE APPROACH TO HNS INCIDENT SCENE MANAGEMENT – A STRUCTURED APPROACH TO SAFELY RESOLVING HAZMAT INCIDENTS

Tuesday 7th September, 10:00 AM (BST) Phase 3 – Arrival at the incident, free webinar

Phase 3 considers the immediate steps that should be taken upon arrival at a hazmat incident. This starts with an initial dynamic risk assessment and communication with the on-site response team, and the responsible person, owner or occupier. During this webinar, our panel will look at the different ways of doing a full assessment of the incident scene and the importance of performing life-saving activities such as a snatch rescue. [More info](#)

EXXONMOBIL OIL SPILL RESPONSE KNOWLEDGE TRANSFER WEBINAR 2.

Tuesday 7th September 2021, 9 – 10 am Central. For complex oil spills: Non-regulatory barriers to success.

Scientific support for response decision making including history of the NOAA SSC; risk communications and why “messages” are insufficient; possible human effects from complex oil spills (especially if fisheries and tourism areas are closed); leveraging collaborations with academics, and community leaders, among others. Presented by Ann Hayward Walker.

The ExxonMobil Oil Spill Response Knowledge Transfer Webinar series is a monthly webinar to allow highly experienced OSR experts to transfer their knowledge to attendees. The webinar series will provide a platform to communicate, transfer, and preserve OSR knowledge, and to share insights and perspectives from industry, academia, oil spill responders, and other oil spill response experts. The webinar series started on Tuesday, August 10 from 9 - 10 am Houston time and continues every first Tuesday of the following months. We intend to continue the webinars indefinitely depending on response and our ability to schedule appropriate speakers. We are looking forward to an online discussion! To receive the link and other joining info, please send an email to Lin Zhao at : lin.zhao@exxonmobil.com

Note that there is still room for more participants so feel free to forward this invite to others but ask that potential attendees RSVP me to get on the distribution list

SECONDARY CONTAINMENT – SUBSTATION DESIGN AND OIL CONTAINMENT SOLUTIONS

Tuesday, September 14, 2021 from 11 a.m. to Noon (EDT)

Electric power plants and substations use oil in their equipment to generate and distribute their electric power. The presence of oil in their operations subjects power plants and substations to environmental regulations and oversight.

The above is one of a series of webinars with a focus on secondary containment. For more info visit

<https://www.basicconcepts.com/upcoming-events/>

WEBINARS FROM THE UK & IRELAND SPILL ASSOCIATION

Wednesday, 15 September 2021, 1500 BST Knowledge Base: Specialist vessels used in spill response [More info](#)

Wednesday, 22 September 2021, 1500 BST Knowledge Base: Inland – Spill response to biofuels [More info](#)

Thursday, 14 October 2021, 1500 BST Knowledge Base: Inland – Soil sampling and analysis [More info](#)

Wednesday, 20 October 2021, 1500 BST Knowledge Base: Aerial surveillance, drones [More info](#)

Wednesday, 17 November 2021, 1500 BST Knowledge Base: Inland – Drill rig selection and safety [More info](#)

WEBINAR ON TIERED PREPAREDNESS FOR WILDLIFE RESPONSE IN THE MEDITERRANEAN REGION

Tuesday; 21 September 2021; at 10:00 am (CET) - Oil Spill Response Limited (OSRL), Sea Alarm and the Mediterranean Oil Industry Group (MOIG) are very pleased to invite you to the webinar on Tiered Preparedness **Connecting the dots** for Wildlife Response in the Mediterranean Region

The webinar will last for approximately one hour and will be presented by Paul Kelway, Wildlife Preparedness & Response Manager and Yusuf Marhoon, Responder & Wildlife Core Group Member from OSRL as well as Hugo Nijkamp and Christophe Blazy from Sea Alarm. Wildlife response is now considered to be an integral component of oil spill preparedness good practice for the oil industry and in recent years several key developments have been aimed at improving industry preparedness and promoting regional and in-country planning efforts. In this webinar, we will explore the operational activities of a wildlife response and key considerations for operators in the Mediterranean region in responding effectively to an oiled wildlife incident. As well as providing an overview of current tiered response arrangements for the industry. The session will also explore future preparedness priorities for the industry and other stakeholders in the Mediterranean region.

The main objectives of this webinar will be:

1. To provide an overview of wildlife response and good practice principles in tiered preparedness and response (including the recommendations from the Cyprus Workshop);
2. To introduce OSRL’s wildlife strategy and explain current Tier 3 wildlife response services offered via OSRL–Sea Alarm Technical Advice, the Wildlife Equipment Packages and the proposed GOWRS Assessment Team Service and how these fit within the context of tiered preparedness and response good practice;
3. To provide an overview of Sea Alarm’s role and highlight activities and projects of relevance to the Mediterranean region;
4. To highlight the current status of wildlife response preparedness in the Mediterranean Region and opportunities and priorities for developing tier-1 and tier-2 preparedness in the region, including any tangible actions/next steps MOIG Members can take to further their OWR preparedness.

UPCOMING WEBINARS (CONTINUED)

The webinar working language will be English. For registration to this event, participants are kindly requested to use the following link : [Wildlife Webinar Registration Form](#) and they will automatically receive a copy of the Webinar Link. We are looking forward to your active participation to this important event.

ONLINE AND OTHER TRAINING COURSES

SOME USEFUL LINKS

- AUSTRALIA – AMOSC - <https://amosc.com.au/training/>
- AUSTRALIA & NEW ZEALAND – ALGA - <https://landandgroundwater.com/event/pfas-101>
- FRANCE - CEDRE - Click on these links [training catalogue](#) and [2021 calendar](#).
- UK & WORLDWIDE – OIL SPILL RESPONSE LTD. - <https://www.oilspillresponse.com/training/courses/>
- UK & WORLDWIDE – BRIGGS ENVIRONMENTAL SERVICES LTD. - <https://www.briggsmarine.com/services/training/>
- UK – NCEC HAZMAT ACADEMY – [More info](#)
- USA – TEXAS A&M UNIVERSITY – NATIONAL SPILL CONTROL SCHOOL - <http://nscs.tamucc.edu/schedule-2020-2021.html>
- USA – MPC, DETROIT - <https://marinepollutioncontrol.com/services/training-and-compliance>

If you would like to be listed here, please contact your editor – john.mcmurtrie@spillcontrol.org

UPCOMING COURSE FROM LLOYDS MARITIME ACADEMY

Certificate in Combatting Marine and Air Pollution from Shipping – Starts on 23rd August 2021 – [More info](#)

Diploma in Maritime Safety Policies and Regulations – Starts 6th September 2021 – [More info](#)

PORTUGAL: INCIDENT COMMAND SYSTEM TRAINING COURSE

Join us in Portugal from September 8th to 10th, 2021, to learn how to manage an expanding incident using the Incident Command System and also get to network with our speakers, Richard Sims and Maria Mayrinck, and other stakeholders. Register here:

<https://lnkd.in/d9a4CEW> #incidentmanagementsystem #Portugal #discountoffer #Portugal

CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES

INTERNATIONAL OPEN TENDER NOTIFICATION SERVICE

This is a subscription service. [Have a look to see examples of open tenders.](#)

OTHER OPPORTUNITIES: USA & EUROPE

US Government solicitations are frequently posted in Technology Innovation News Survey, US EPA Tech Direct and USA Federal Contracts Update. European Maritime Safety Agency invitations to tender are often posted in The EMSA Newsletter.

See “Links for other publications” for links to download current issues of these publications.

NIGERIA: PRE-QUALIFICATION OF CONTRACTORS

Contractors are invited to pre-qualify for simple and complex hydrocarbon impacted sites in ogoniland, nigeria, and expression of interest in design of centre of excellence for environmental restoration along with an integrated contaminated soil management centre [download the tender invitation document](#)

HEALTH & SAFETY

HAZARDOUS MATERIALS: WHAT TO DO WHEN DISASTER STRIKES

Detailed plans for handling hazardous materials should be a central part of any chemical plant’s disaster preparedness plan. Over the past year, many chemical facilities managed to overcome extreme circumstances. One instance of an extreme event was the winter storm in Texas in February 2021, where unexpected weather conditions resulted in widespread power outages and mass water supply shortages.

Due to power-grid failures, it is estimated that the storm caused blackouts for over 5.2 million homes and businesses, becoming one of the largest blackout events in modern American history [1]. This highlighted the need to be prepared for all aspects of how energy impacts a business’ operations. A lack of a primary energy source, as well as a water supply, could impact a facility’s ability to function safely.

Though many consider disasters to encompass only “natural” geologic and meteorological processes — storms, floods, hurricanes, tornadoes, volcanic eruptions, earthquakes, tsunamis and others — future pandemics and similar events should also be considered in preparedness plans. Chemical Engineering / [Continue Reading](#)

UPCOMING EVENTS

Event organisers are requested to notify ISCO immediately if a listed event is cancelled or postponed

Your Editor is doing his best to keep this listing up-to-date but it should not be assumed that listed events have not been cancelled or postponed. It is recommended that you check with event organisers before finalising your attendance plans. If an event title is not printed in blue ink it is not hyperlinked to the event website. This may be because the website is not yet available or because the link for the website has not yet been given. If you want to request the addition of an event please contact the Editor.

For more information click on Title of Event			
COUNTRY	2021	TITLE OF EVENT	LOCATION
VIRTUAL EVENT	TBA	Hazmat Emergency Response Workshop	Online
CHINA	Sept. 2-4	International Environmental Protection Expo	Chengdu
NETHERLANDS	Sept. 9-10	Envirotech for Shipping Forum	Rotterdam
USA & VIRTUAL	Sept. 13-15	Clean Waterways Conference & Exhibition	Louisville, KY
UK	Sept. 15-16	ChemUK 2021 Expo	Birmingham
UK	Sept. 20-21	Emergency Planning Society Conference & AGM	Easingwold
UK	Sept. 22-23	Contamination & Geotech Expo 2021	Birmingham
UK	Sept 29 – Oct 1	Marine Claims Conference	Edinburgh
USA	October 5-7	Elastec's fall oil spill workshop	Carmi, IL
AUSTRALIA	October 18-21	Ecoforum 2021 Conference	Sydney
GERMANY	October 20	HELCOM Ministerial Meeting	Lübeck
USA	Nov. 16-18	Clean Gulf Conference & Exhibition	San Antonio, TX
VIRTUAL EVENT	Nov. 17-18	Emergency Responders Drone Conference 2021	Online
VIRTUAL EVENT	Nov. 22-26	IMO Marine Environment Protection Committee	Online
UK	December 1-2	Salvage and Wreck Removal Conference	London
CAMBODIA	December 1-4	East Asian Seas Congress	Sihanoukville
COUNTRY	2022	TITLE OF EVENT	LOCATION
UK	March 15-17	Oceanology International	London
NETHERLANDS	June 21-23	Interspill Conference and Exhibition	Amsterdam
BAHRAIN	October 15-17	International Conference & Exhibition on Spills, Clean Seas & Environment	Bahrein
CROATIA	October 25-27	Regional Workshop – Enhancing Preparedness and Response in the Adriatic & Mediterranean Regions	Opatija

Please advise the Editor if any of the above entries require correction or updating. If you are holding an event you would like to be featured here, please send details to John.mcmurtrie@spillcontrol.org

MESSAGES FROM EVENT ORGANISERS

USA: 2021 CLEAN WATERWAYS CONFERENCE

We know that getting to the [CLEAN WATERWAYS Conference](#) may be a little tougher this year, but we know you can't afford to miss it so we're here to help! Attending CLEAN WATERWAYS won't just benefit you. Your entire team can benefit from the insights and connections you'll make at CLEAN WATERWAYS.

To help you out, here are the top five benefits if you attend this year:

- Education:** 14 sessions will be held at this year's conference that offer practical information on topics specific to fresh water spills and environmental considerations.
- Discovery:** Our exhibit hall will be packed full of 40+ companies ready to help you find solutions to your environmental and emergency response needs
- Networking:** You will have plenty of opportunities to connect with your peers in spill prevention and response for inland regions and waterways and further develop relationships that will better prepare you and your team for future incidents.
- Virtual Platform:** All attendees have access to the CLEAN WATERWAYS virtual platform, which will stay open through the end of the year. You will be able to continue networking after the live event is over and all sessions will be recorded and available to watch on-demand.
- Built for You:** CLEAN WATERWAYS was founded on the recognition of the intricacies of inland waterways across multiple state borders and the need for establishing working relationships among all parties involved in a response, prior to an incident occurring. This conference was built specifically to benefit those like you that are involved in response for inland regions and waterways.

MESSAGES FROM EVENT ORGANISERS (CONTINUED)

USA: CLEAN GULF - 2021 CONFERENCE PROGRAM

The 2021 CLEAN GULF The [preliminary conference agenda](#), with speakers, is now available! Check out the program and commit to joining your peers in spill prevention and response this November. [Registration](#) [View the full program online](#)

Early bird registration discounts run through August 27th. Save up to \$200 on regular registration rates if you register by 8/27.

USA: REGISTRATION IS OPEN FOR ELASTEC'S FALL WORKSHOP 2021

Our intensive, hands-on FALL OIL SPILL WORKSHOP is designed for spill responders who desire hands-on oil spill response training. The three day workshop begins with a full day of classroom orientation at Elastec in Carmi, Illinois followed by two rigorous booming and skimmer deployment days on the Wabash River in New Harmony, Indiana. This workshop also qualifies as an 8-hour HAZWOPER refresher course. [More info](#)

UK: ENERGY INSURANCE LONDON

8th October 2021 - The agenda includes a session "Oil Spill & Pollution Mitigation - How does incident management work and what technology is available to enable the validation and containment of costs and managing third party claims in response to environmental and oil spill incidents? An informative session from the people on the ground. [More info](#)

USA: CLEAN WATERWAYS 2022 CALL FOR PRESENTATIONS

The CLEAN WATERWAYS program is developed by a government/industry-based committee of approximately 45 professionals, and the committee is looking for leaders to help shape the conference. All abstracts submitted are reviewed for content and relevance by the committee and are selected by consensus. Abstracts will be accepted for consideration until Monday, September 20th.

CLEAN WATERWAYS serves the spill response industry in prevention, preparedness and response in the inland environment. It delivers a forum for attendees to come together to discuss case studies and lessons-learned from both recent and past incidents, discover the latest technologies advancing the industry and build relationships with all parties involved in a response. The 2022 Conference will take place in April. [Submit your abstract](#)

EUROPE – INTERSPILL CONFERENCE & EXHIBITION 2022

Interspill Limited is delighted to announce that it has partnered with iCONEX Global to organise Interspill 2022 at RAI Amsterdam on 21-23 June 2022. The official event website is currently being updated, however, until then all the latest news and information about Interspill can be viewed at <https://www.interspill.org/>

EUROPE - CALL FOR PAPERS INTERSPILL 2022

The Interspill Committee announces the preliminary programme together with the Call for Papers for Interspill 2022 and invites authors to submit abstracts for consideration by 30 September 2022. [More info](#)

LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS

AMSA Update	Latest News from the Australian Maritime Safety Authority	Current issue
ATRAC Newsletter	News from the Adriatic Training and Research Centre	October 2020
BIMCO Bulletin	Marine and shipping-related news from BIMCO	June 2021
Newsletter from George Holliday	News and commentary on HSE issues from George Holliday	Free on request
Cedre Newsletter	News from Cedre in Brittany, France	June 2021
EMSA Newsletter	News from the European Maritime Safety Agency	August 2021
Environmental Expert	Environmental News from Environmental Expert	Current issue
GDACS Newsletter	Daily alerts for natural disasters – earthquakes, floods, typhoons, etc.	Free on request
GEF Newsletter	Monthly Newsletter from the Global Environment Facility	Jul.–Aug. 2021
GESAMP	Group of Experts on the Scientific Aspects of Marine Environmental Protection	Latest news
GISEA Quarterly Newsletter	News from Global Initiative for South-East Asia	Q1 2021
IMO News Magazine	News from the International Maritime Organization	Summer 2020
IMO Publishing Newsletter	New and forthcoming IMO publications	September 2020
ITOPF Ocean Orbit	News magazine from ITOPF with interesting spill response articles	February 2021
JOIFF Catalyst Newsletter	Int'l Organisation for Industrial Hazard Management	Latest issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	Current issue
MED News	UNEP / MAP Barcelona Convention News	July 2021
MOIG Newsletter	News from the Mediterranean Oil Industry Group	July 2021
NCEC Newsletter	News from the National Chemical Emergency Centre	May 2021
Navigate Response	Global crisis communications network for shipping & marine	Current issue
NOAA OR&R	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
Oceanbuzz	Newsletter giving news on the Ocean Technology Industry	Current issue
OCIMF Newsletter	News from the Oil Companies International Marine Forum	Current issue

LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS (CONTINUED)

OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Summer 2021
Oiled Wildlife Log	Bi-annual Newsletter from Tri-State Bird Rescue & Research	May 2021
PEMSEA Newsletter	Healthy oceans, people and economies in the East Asian Seas	Current issue
Pollution Online Newsletter	News for pollution prevention & control professionals	Current issue
Salvage World	Quarterly Newsletter of the International Salvage Union	Current issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Current issue
Society of Maritime Industries	News from the UK's maritime engineering and business services sector.	April 1, 2021
Spill Alert	Quarterly Newsletter from UK & Ireland Spill Association	July 2021
Technology Innovation News Survey	News from US EPA – Contaminated Site Decontamination	June 1-15, 2021
The Marine Insurer	Includes latest news on pollution insurance matters	June 2021
The Maritime Advocate	Maritime News from Sandra Speares	Current issue
UNEP News	Latest News from United Nations Environmental Programme	Latest News
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	August 1, 2021
USA Federal Contract Opportunities	The authoritative source for federal contract opportunities	Current issue
Water Pollution & Flood News	Monthly round-ups of UK & Worldwide Spill and Flood News	Free on request

Your editor depends on regular receipt of updated URL links for listed publications. If these are not received, relevant entries will be discontinued. Publishers are kindly requested to advise the editor john.mcmurtrie@spillcontrol.org if any links are not up-to-date.

JOB VACANCIES

GI WACAF IS HIRING A NEW PROJECT MANAGER

Are you interested in marine environment protection, oil spill preparedness and response, and technical cooperation in Africa? Are you fluent in French? GI WACAF is hiring a new Project Manager! Please see the full offer [here](#).

CALL FOR APPLICATIONS FOR THE POSITION OF JUNIOR PROFESSIONAL OFFICER AT REMPEC, EXTENDED TO END AUGUST 2021

July 5 - The Secretary-General of the International Maritime Organization (IMO) has announced a position for Junior Professional Officer at the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC) in Malta, through IMO Circular Letter No. 4353 dated 17 February 2021. [More info](#)

INCIDENT REPORTS

USA: ENVIRONMENTALISTS URGE US NAVY INVOLVEMENT IN FINAL GOLDEN RAY SALVAGE



Two sections of the Golden Ray remain with the team preparing for the final cut (St. Simons Sound Incident Response photo)

August 15 - As the salvage team working on the Golden Ray approaches the final cut and the removal of the last sections of the wrecked car carrier, a local environmental group is calling for experts from the U.S. Navy's Salvage Division to become involved. After the recent oil spill, which was the largest since the cutting and removal began, the Georgia group One Hundred Miles fears that the last sections could lead to another significant spill, which they warn could be catastrophic to the sensitive marshes along St. Simon's Sound.

"As we enter the last stage of salvage operations, significant concerns remain," the environmental group writes on its website. "As much as 44,000 gallons of heavy fuel oil, along with other hazardous chemicals and debris, remained onboard when initial cutting began." The Maritime Executive / [Read more](#)

TRINIDAD DISASTER OUTRAGE: 'IT'S A SEA OF OIL. LET THE WHOLE COUNTRY SEE.'



Photo: FFOS corporate secretary Gary Aboud holds up a hand coated in thick oil, at the spill in the Gulf of Paria, August 10, 2021. Photo: Gary Aboud/Facebook

August 16 - Fishers and environmentalists expressed outrage this week over what they called the inadequate response by Trinidad and Tobago's government and one of the country's leading fossil fuel companies to the latest of hundreds of reported oil spills there in recent years.

Earlier this week Trinidad and Tobago's Environmental Management Authority (EMA), Ministry of Energy and Energy Industries (MEEI), and Institute of Marine Affairs (IMA) announced they were investigating the spill, which Paria Fuel Trading Company Limited said originated from a leak in a pipeline near its Pointe-a-Pierre refinery last weekend,

according to the Trinidad & Tobago Guardian. Science The Wire / [Read more](#)

JAPAN: NYK SENDS TEAM TO CLEAN UP CRIMSON POLARIS OIL SPILL

Photo: A view of the Panamanian-registered ship 'Crimson Polaris' after it ran aground in Hachinohe harbour in Hachinohe, northern Japan, August 12, 2021, in this handout photo taken and released by 2nd Regional Coast Guard Headquarters. Courtesy 2nd Regional Coast Guard Headquarters - Japan Coast Guard/Handout via REUTERS

August 18 - NYK, charterer of the Crimson Polaris, says it will send a team to assist with the clean-up of an oil spill that has resulted from the wreck.

As we have reported, the dedicated wood chip carrier Crimson Polaris broke up after briefly running aground in heavy weather off the coast of Port of Hachinohe back on August 11. The ship was reported to be carrying 1,550 metric tons of heavy fuel oil and about 130 metric of diesel oil at the time of the accident. It's unclear how much oil has spilled. NYK said previously the crack in the hull initially occurred between the No. 5 cargo hold and the No. 6 cargo hold. The bow is floating and held by an anchor. The stern, which was believed to be aground, has since rolled over.

gCaptain / [Read more](#)



MAURITIUS: DISMANTLING OF WAKASHIO'S STERN POSTPONED TO SEPTEMBER

August 20 - Adverse weather conditions have greatly disrupted the dismantling of what remains of the stern of the "MV Wakashio" on the Pointe-d'Esny's reefs, in Mauritius. The operation will resume at the earliest in September or, at worst, in October, local

INCIDENT REPORTS (CONTINUED)

authorities announced after having ordered the tugs “Crest Mercury 3” and “Independence” to leave Tamarin Bay – where they were sheltering in the West – for Port-Louis’ harbor alongside “Hong Bang 6” and “Olympic Kapuas” barges. gCaptain / [Read more](#)



A part of the Japanese-owned bulk carrier MV Wakashio which ran aground, is seen in this August 21, 2020 picture obtained from social media, off the coast of Mauritius. MOBILISATION NATIONALE WAKASHIO /via REUTERS

INFORMATION FOR MEMBERS OF ISCO AND READERS OF THE ISCO NEWSLETTER

THE EDUCATIONAL ROLE OF THE ISCO NEWSLETTER

The ISCO Newsletter has in the past published excellent stand-alone or serialised articles on such matters as inland spill response, aerial observation of oil spills, in-situ burning, etc. by respected experts including Dr Merv Fingas and Mark Francis.

Your editor is currently looking for more interesting articles of this kind. If you think you can help, please get in touch. john.mcmurtrie@spillcontrol.org

Disseminating news about new technical developments is of value to our community. Corporate Members and others are invited to contribute articles.

You editor is also interested to receive interesting case histories for publication. Dealing with spill events often requires an innovative approach and you are invited to share your experiences.

Legal disclaimer: Whilst ISCO takes every care to ensure that information published in this newsletter is accurate unintentional mistakes can occur. No liability for consequences of errors is accepted but, if an error is brought to our attention, a correction will be printed in a following issue of this newsletter. Products and services featured in the ISCO Newsletter and/or the ISCO website, including the International Directory of Spill Response Supplies and Services, have not been tested, approved or endorsed by ISCO. Any claims made by suppliers of products or services are solely those of the suppliers and ISCO does not accept any liability for their accuracy. It should not be assumed that views and opinions expressed in linked reports, articles and other content reflect the views of the organization. Subscription is subject to acceptance of ISCO’s Terms and Conditions as published on the website www.spillcontrol.org and your acceptance of ISCO’s Data Protection and Privacy Policy.
