



ISCO & THE ISCO NEWSLETTER

The International Spill Control Organization, a not-for profit organization dedicated to raising worldwide preparedness & co-operation in response to oil and chemical spills, marine & freshwater pollution by plastics, promoting technical development and professional competency, & 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 & observer Status at the International Oil Pollution Compensation Fund

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INTERNATIONAL & REGIONAL NEWS

SUPPORTING REGIONAL MECHANISMS FOR DEALING WITH OIL SPILLS IN ASEAN MEMBER STATES



Training Exercise (Photo courtesy of IMO)

IMO's commitment to supporting regional mechanisms to effectively deal with oil spills in ASEAN Member States was strengthened through delivery of an in-person regional workshop on operationalization of the ASEAN Regional Oil Spill Contingency Plan (ROSCP), held in Klang, Malaysia (30 October-3 November).

The ASEAN ROSCP was adopted in 2018, under the framework of the MoU on ASEAN Cooperation Mechanism on Joint Oil Spill Preparedness and Response. Since then, the Global Initiative for Southeast Asia (GISEA) Project has supported the ASEAN Maritime Transport Working Group, working in close collaboration with ASEAN Member States to coordinate efforts, share lessons learned and harmonize policies with a view to operationalizing the ROSCP.

Through presentations, group discussions and exercises, 30 participants from Brunei Darussalam, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Philippines, Singapore, Thailand and Viet Nam had their knowledge enhanced on how to prepare for, and effectively respond to, oil spills in Southeast Asia. IMO / [Read more](#)

TRANSBOUNDARY OIL SPILLS – STRENGTHENING COOPERATION IN AFRICA

Oil spills at sea do not respect boundaries. How to cooperate and tackle a potential spill with dispersants in a transboundary setting was the focus of an in-person subregional workshop held in Johannesburg, South Africa (31 October-2 November). Officials from Angola, Namibia and South Africa were updated on how to develop and implement policies on the use of dispersants.

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(Members with special responsibilities in specified geographical areas)


Carlos Sagrera Latin America (Spanish speaking)
Matthew Sommerville UK London
John Noble UK London & South'ton
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INTERNATIONAL & REGIONAL NEWS (CONTINUED)

The workshop brought government personnel involved in oil pollution response and industry representatives together to foster discussions, and, ultimately, cooperation, between Angola, Namibia and South Africa.

Participants shared lessons learned and challenges in assessing national needs and priorities on the use of dispersants. Discussions focused on strengthening regional cooperation between Angola, Namibia and South Africa to effectively respond to a pollution incident; how to support in-country efforts; and the development of regional strategies/policies on dispersant usage.

IMO / [Read more](#)

HUB FOR BALTIC SEA BIODIVERSITY PROTECTION



November 7 - Today, we unveil the official PROTECT BALTIC website, a significant milestone in the Horizon Europe project. PROTECT BALTIC is a collaborative effort with support from 17 dedicated partner

organizations and coordinated by the Baltic Marine Environment Protection Commission (HELCOM). The project aligns with the European Union's Biodiversity Strategy for 2030 and the EU mission to Restore our Ocean and Waters, which underscores the need for united actions to protect and revitalize marine and freshwater ecosystems and preserve their rich biodiversity.

PROTECT BALTIC is a direct response to the urgent need to expand marine protected areas in the Baltic Sea to 30%, with 10% under strict protection. Helcom / [Read more](#)

IOPC FUNDS INDUCTION COURSE 2023



6th November 2023- Participants were introduced to the international liability and compensation regime, and presented with an oil spill scenario which gave them an insight into the entire process from an incident first occurring to the

first claim being paid. The Course covered the role of the Member State's delegation in London and the assistance that can be provided to the Member State by the IOPC Funds both during and after the incident: the dispatch of experts on the scene of the spill, the establishment of a local claims office and what to expect from court proceedings. IOPC Funds / [Read more](#) *Photo courtesy of IOPC Funds*

FIVE BENEFITS THE MEDITERRANEAN REGION CAN EXPECT FROM COP 23

The 23rd Meeting (COP 23) of the Contracting Parties to the Convention for the Protection of the Marine Environment and the Coastal region of the Mediterranean (Barcelona Convention) and its Protocols will take place from 5-8 December 2023 in Portoroz, Slovenia. The overarching goal is to enhance the protection of the Mediterranean region's marine and coastal environment in the context of sustainable development.

"Green transition in the Mediterranean: from decisions to actions" is the theme articulated by the Bureau of the Contracting Parties to the Barcelona Convention (21 coastal States and the European Union) for the Ministerial Session, which will take place on 7 December 2023. As the foremost intergovernmental gathering dedicated to the marine and coastal environment, the meetings of the Contracting Parties to the Barcelona Convention serve as "COPs for the Mediterranean", allowing for the articulation of regionally coordinated approaches to the global environment and development agenda. UNEP / [Read more](#)

THE ISCO-OCEANPACT SEMINAR - RIO DE JANEIRO

Full reports in English and Spanish were published in last week's ISCO Newsletter but here are some additional comments received from ISCO Representative for Latin America, Carlos Sagrera.

I would like to inform you that last week the ISCO-OceanPact Case Study Seminar took place as planned in Rio de Janeiro, where we were together with Matthew Sommerville in the organisation and as Speakers on the topics of the Programme.

I can inform you that the event was a success and that we had a participation of around 200 participants from the oil industry and its services, authorities and NGOs from Brazil, all of them qualified in our topics. The presentations were given by ISCO (Matthew and me), CEDRE, AIUKA, IBAMA, ARPEL and of course OceanPact and we achieved the high level we wanted in this event in all of them. As planned the event culminated with the appointment of Flavio P. de Andrade as ISCO Ambassador in Brazil and Matthew in charge of that moment representing ISCO. Due to the content of the topics presented and the level of the Seminar, I can assure that it was a differentiated event for Latin America and that it marks a milestone that ISCO should stimulate in other regions of LA and, in our understanding, also in the rest of the world where ISCO has the appropriate references to do so.

NEWS FOR ISCO STUDENT MEMBERS

FROM CEDRE - RECRUITMENT: A CHEMISTRY INTERN (6 MONTHS)

Primary and secondary microplastics are becoming a growing concern due to their ubiquity in the environment. Despite the many studies already published on the monitoring of microplastics, there is a need for further work on standardising methodologies and harmonised guidelines for collecting, identifying and quantifying microplastics in order to be able to carry out large-scale pollution assessments and support decision-making. CEDRE / [More info](#)

NEWS FROM AROUND THE WORLD

AUSTRALIA: THE SANTOS WORKER WHO BLEW THE WHISTLE ABOUT DEAD DOLPHINS AND AN OIL SPILL

November 4 - 'I work somewhere that can kill dolphins': Why this Santos worker spoke out. Three dead dolphins turn up in an oil spill. The energy company says it's got nothing to do with it, but Alex, an insider, sets out to prove it wrong. Now, an ABC investigation has revealed mistakes were made. ABC News / [Read more](#) (Thanks to John Wardrop, Member of ISCO Executive Committee).

AUSTRALIA: MILLIONS MORE IN FUNDING TO REMEDIATE CONTAMINATED SITES AT RUTHERFORD AND WARATAH

November 9 - The NSW Government has come good on their promise to clean up two heavily polluted former industrial sites in the Hunter. About \$42 million will be put towards cleaning up the sites at Rutherford and Waratah through the Property and Development NSW (PDNSW) and Crown Lands in the Department of Planning and Environment. 2hd.com / [Read more](#)

CANADA: SMALL LAKES, BIG STUDIES: WHAT ONTARIO'S EXPERIMENTAL LAKES AREA TEACHES THE WORLD ABOUT WATER

November 7 - For over half a century, 58 small, self-contained lakes in Treaty 3 territory have allowed scientists to replicate — and clean up — the effects of oil spills, microplastics and other threats to fresh water. Deep in northwestern Ontario is a collection of 58 small, pristine lakes where, for the past half century, scientists worried about water have gathered to take their laboratory outside. This is the world's largest outdoor experimental freshwater research facility, allowing scientists to develop invaluable long-term data about the effects of pollutants, clean-up processes and climate change on a finite resource. The Narwhal / [Read more](#)

JAPAN: IOPC FUNDS - VISIT FROM THE CHAIR OF THE JAPAN MARITIME CENTER AND REPRESENTATIVES OF THE JAPANESE DELEGATION

The Director, Gaute Sivertesen, and Policy Officer, Yuji Okugawa, were pleased to welcome the Chairman of the Japan Maritime Center (JMC), Mr Masafumi Shukuri to the IOPC Funds' offices on 6 November 2023. Mr Shukuri was joined by a Senior Researcher from the JMC and senior members of the Japanese delegation to the IOPC Funds' meetings. During the meeting Mr Shukuri expressed his appreciation to the Director for his recent visit to Japan and, in particular his participation in the joint seminar organised by the JMC and the IOPC Funds (see [LINK TO NEWS ARTICLE](#)). Both Mr Sivertesen and Mr Shukuri agreed that the event had been very successful and that the entire visit, which had included several meetings with many Government officials, industry representatives and other key stakeholders, had been highly beneficial to all involved. IOPC Funds / [Read more](#)



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NEWS FROM AROUND THE WORLD (CONTINUED)

KENYA: KING CHARLES' VISIT HIGHLIGHTS A GRASS-ROOTS MOVEMENT TO END PLASTIC POLLUTION

November 10 - King Charles III visited 50 Scouts and Girl Guides on Nyali Beach in southeastern Kenya, during last week's royal visit, highlighting the work of the Tide Turners, a global United Nations Environment Programme (UNEP)-led youth movement to combat plastic pollution.

The King met the Scouts and Guides from across the country who have been educating thousands of young people about changing their plastic habits, engaging local politicians and working to clean up beaches across Kenya.

The royal visit also highlighted the successful launch of Tide Turners in more than 50 countries – it has engaged more than 780,000 people since its launch in 2019 – committing young people to take action against the global scourge of plastics. UNEP / [Read more](#)

KENYA: INC MEETING TO TAKE PLACE IN NAIROBI, KENYA

13 - 19 November 2023, Nairobi, Kenya - The third session of the Intergovernmental Negotiating Committee to develop an international legally binding instrument on plastic pollution, including in the marine environment (INC-3), is scheduled to take place from 13 to 19 November 2023 at the UN Environment Programme (UNEP) Headquarters in Nairobi, Kenya.

The third session will be preceded by regional consultations on 12 November 2023. Also as decided by the Committee at its second session, a preparatory one-day meeting will take place on 11 November 2023, at the same venue.

As of 1 October 2023 the Zero Draft text of the international legally binding instrument, prepared by the Chair of the INC, with the support of the INC Secretariat, became available in the six UN official languages. UNEP / [Read more](#)

NEW ZEALAND: KERIKERI FIRE BRIGADE TO UNDERGO 'HAZCHEM' DISASTER EXERCISE

November 6 - The simulated fire, explosion and chemical leak aimed to give the Far North's emergency services a chance to practice working together at a major incident.

Fire crews from Kerikeri, Paihia, Kawakawa, Kaikohe and Ōkaihau would take part, along with St John Ambulance medics and police officers from around the district. Radio NZ / [Read more](#)

NEWS FROM AROUND THE WORLD (CONTINUED)

USA: NAMEPA MARINE ENVIRONMENT PROTECTION CONFERENCE & AWARDS EVENT

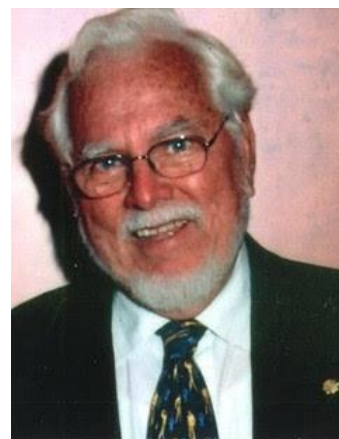
November 4 - Carleen Lyden Walker, Co-Founder and CEO, released the agenda details for the North American Marine Environment Protection Association's (NAMEPA) Annual Marine Environment Protection Conference and Awards Event, which took place at SUNY Maritime College on Thursday, November 2, 2023. This conference brought together key members of the maritime industry to focus on "Maritime's Pathway to 2050," which will celebrate taking steps towards the UN's Marine Environment Protection Committee (MEPC) 80 goal for decarbonization, as well as workforce development challenges and opportunities. SCAA / [Read more](#)

OBITUARY

ANNOUNCEMENT ON THE RECENT PASSING OF CLIFF BERRY, SR.

Cliff served in the US Air Force in the late 1940s, following his graduation from high school. After his military service, he began working in Port Everglades as a "hose handler" before deciding to start his own company in 1958, Cliff Berry, Inc., or known to many as simply "CBI". CBI is now a national and globally recognized leader and innovative company in the environmental and oil spill industry, and led for the past twenty-five (25) years by Cliff's son, Cliff Berry II.

As a pioneer in the industry, the early days of CBI included a number of industry-leading innovations. In the 1960s, Cliff designed and built Port Everglades' first ever vacuum trucks used to clean up spills and pits where oil transfers take place. Today, CBI operates over fifty (50) vacuum trucks within a fleet of more than 800 modern motorized vehicles, vessels and specialized equipment. In the late 1970s, Cliff designed and implemented a manifold system with unloading arms that are still in operation today in Port Everglades. This was a significant innovation as it changed the way petroleum vessels off loaded their millions of gallons of gasoline, diesel, jet fuel and other commodities and made it much safer and efficient moving from men physically lugging around and laying out long lengths of rubber hoses to simply connecting the "loading arms" to the vessel and offloading directly into the underground pipelines.



ISCO acknowledges with thanks the receipt from SCAA of the text of this obituary. An abridged version is given above. A complete text of this obituary notice can be downloaded at <http://spill-control.blogspot.com/2023/10/announcement-on-passing-of-cliff-berry.html>

NURDLES - PREVENTION, CLEAN-UP TECHNOLOGY AND ONGOING R&D WORK



The ISCO Executive Committee is looking into how our organisation can assist by co-operating with others in promulgating better prevention and response capabilities that can be adopted on a worldwide basis.

Readers of the ISCO Newsletter are invited to contribute information that can be shared within our community and help to improve our capability to counter this pollution in more effective ways.

ISCO Committee Member, Dr Larissa Montas, is a contributor to this section in the ISCO Newsletter.

Dr. Larissa Montas attended the Nurdles/Plastic Pellets Response workshop held on September 6 & 7, 2023 at the NOAA Center for Weather & Climate Prediction (NCWCP). The "Nurdles Spills in Coastal and Marine Environments Workshop", sponsored by NOAA's Office of Response and Restoration (OR&R), and facilitated by the University of New Hampshire Coastal Response and Research Center (CRRCC), was held at the NOAA Center for Weather & Climate Prediction at the University of Maryland, College Park. The two-day workshop was well attended in-person with virtual participation by some international attendees.

Due to a major work overload the preparation of Dr Montas' report with more information on the workshop has been delayed but will be provided here as soon as possible.

RECENT INTERESTING PEER-REVIEWED OIL SPILL PUBLICATIONS

A COLUMN CREATED BY DR. MERV FINGAS, MEMBER OF ISCO COUNCIL FOR CANADA



This is part of a weekly column which provides the references and abstracts of new peer-reviewed scientific publications on oil spills. These references are selected on the basis of those papers that provide new insights into the fate, effects and control of oil spills. Readers may choose to obtain the full publications and to do so, one of three methods is suggested; contact your library, search the internet with the DOI (digital object identifier) provided, or search the internet for the exact title. These are given in the order of likely success in obtaining the article. Merv Fingas, ISCO Colleague.

RECENT INTERESTING PEER-REVIEWED OIL SPILL PUBLICATIONS (CONTINUED)

Editor – Dr Fingas sends his apologies for the delay in the continuation of this column. The delay has arisen due to factors that are entirely beyond his control and he hopes to be able to resume addition of new content in the near future.

SCIENCE & TECHNOLOGY (

If you are interested in new technology you will find it useful to visit Technology Innovation News Survey at <https://clu-in.org/products/tins/> and Tech Direct at <https://clu-in.org/techdirect/archive/>

SYNTHESIS OF AN EFFICIENT MOF CATALYST FOR THE DEGRADATION OF OPDS USING TPA DERIVED FROM PET WASTE BOTTLES

In this study, a method for degrading PET-waste plastic bottles using ZnCl₂:Urea as a catalyst was developed, resulting in high conversion (87%). The terephthalic acid obtained from the degradation of Waste PET Bottles (WPTs) was combined with copper and zinc salts to synthesize bimetallic metal–organic frameworks (MOF). The effectiveness of a bimetallic Cu-Zn(BDC)-MOF in catalyzing the reduction reaction of organic pollutant dyes (OPDs) was investigated, and the degradation efficiency of individual dyes was optimized, achieving over 95% degradation within 6–12 min under optimal conditions. Various techniques, including FT-IR, XRD, FE-SEM, EDS, and TEM were used to characterize the synthesized MOF. Results showed that the catalytic activity of Cu-Zn-MOF in reduction reaction of OPDs was enhanced by increasing the copper content. The reaction kinetics were investigated following pseudo-first-order kinetics with rate constants of 0.581, 0.43, 0.37, and 0.30 min⁻¹ for Methylene Blue (MB), Methyl Orange (MO), 4-Nitrophenol (4-NP), and 4-Nitroaniline (4-NA), respectively. The investigations revealed that the produced catalyst exhibited excellent stability and recoverability, while its activity remained well-preserved even after undergoing three reuse cycles. Nature.com / [Read more](#)

RESEARCHERS DEVELOP A MORE EFFICIENT PROCESS TO MAKE FUEL FROM CO₂

Researchers at MIT and Harvard University in the US report that they have developed an efficient process that can convert CO₂ into formate, a liquid or solid material that can be used to power a fuel cell and generate electricity.

Previous processes to convert the greenhouse gas (GHG) into a stable fuel that can replace fossil fuels in some applications have had problems with low carbon efficiency, or they produce fuels that can be hard to handle, toxic or flammable, explain the researchers.

According to MIT Professor Ju Li, other approaches to converting CO₂ into fuel usually involve a two-stage process – first the gas is chemically captured and turned into a solid form as calcium carbonate, then later that material is heated to drive off the CO₂ and convert it to a fuel feedstock such as carbon monoxide (CO). That second step has very low efficiency, typically converting less than 20% of the gaseous CO₂ into the desired product.

By contrast, the new process is reported to achieve a conversion of well over 90% and eliminates the need for the inefficient heating step by first converting the CO₂ into an intermediate form, liquid metal bicarbonate. That liquid is then electrochemically converted into liquid potassium or sodium formate in an electrolyser that uses low-carbon electricity. The concentrated liquid potassium or sodium formate solution can then be dried, for example by solar evaporation, to produce a solid powder that is highly stable and can be stored in steel tanks for years or even decades. Energy Institute / [Read more](#)

LATEST PHASE IN THE OCEAN CLEANUP PROJECT BEGINS

In the persistent battle against marine plastic pollution, The Ocean Cleanup has unveiled its most ambitious project yet – System 03. The latest development in oceanic plastic removal technology, this system promises to redefine our approach to cleansing the Great Pacific Garbage Patch (GPGP).

System 03 is not just another device; it is a massive leap in The Ocean Cleanup's innovative journey. Boasting a wing length of approximately 2.2 km, the system is nearly threefold the size of its predecessor, System 002. This size is essential, considering the GPGP spans an area approximately thrice the size of France.

But what makes System 03 unique? A considerable portion of floating plastic lies about 4 meters below the water surface. System 03's extended screen delves into this depth, ensuring that a significant portion of this submerged plastic is captured. Envirotech Online / [Read more](#)

UNBC PROJECT ADVANCING MARINE OIL SPILL TECHNOLOGY

Next-generation marine oil spill technology, could be placed on sea vessels, allowing for on-site decontamination.

UNBC engineering professor Jianbing Li has begun a project to develop next-generation marine oil spill technology, which focuses on oil and water separation and could be placed on sea vessels, allowing for on-site decontamination.



Dr. Jianbing Li during an experiment as part of the first phase of the project. The experiment took place at the Canadian Coast Guard facility on Sea Island in February 2022. Photo courtesy of UNBC

The technology could also be used with freshwater, explained a press release. Li will receive \$830,000 in funding over the next three years to put towards the project, through the Government of Canada's Multi-Partner Research Initiative through the Ocean Protection Plan. [BIV.com / Read more](#)

HOW CHITOSAN CAN BE USED IN WATER REMEDIATION

Chitosan is a biodegradable and eco-friendly biopolymer that can be used in water remediation. It can form nanocomplexes with various nanoparticles such as ferrites, graphene, silver, and silica, which are cheap, accurate, biocompatible, reusable, and fast in purifying water and detecting different pollutants. Chitosan and its derivatives have been recognized as promising materials for the removal of various pollutants through adsorption and photocatalysis processes. The abundance of hydroxyl and amino groups in chitosan allows for concurrent pollutant adsorption mechanisms, while adding chitosan to photocatalysts improves overall efficiency. Chitosan-tin oxide nanocomposites have shown high photodegradation efficiency, making them suitable for wastewater cleaning and environmental remediation. [Typeset IO / Read more](#)

INTEGRATING ARTIFICIAL INTELLIGENCE AND ADVANCED CONNECTIVITY SOLUTIONS INTO SPILL RESPONSE PRACTICES

The oil and gas industry is continually evolving, and with it, so are the methods used to manage and mitigate the environmental impact of spills. Artificial intelligence (AI) and advanced connectivity solutions can be combined and integrated to create powerful tools for managing spill response. These technologies can streamline access to preplanned response strategies and provide real-time support to tactical teams in the field, ushering in a new era of rapid and effective spill management.

The Power of AI in spill control technology has the potential to revolutionize spill control in various ways. From AI-powered document management to automated plan updates, compliance monitoring, and predictive analytics for improved spill prevention, the possibilities are endless. As we move away from traditional applications and embrace the power of AI, we can harness these capabilities to enhance response coordination, making critical information readily available to operational teams in the field.

For example, Starlink, a satellite-based internet service, offers high-speed, low-latency connectivity that can significantly improve the delivery of AI services. By leveraging this advanced connectivity, we can enable the integration of emerging technologies and create a more connected and technologically advanced future for spill response. With faster, more reliable internet access, AI-powered tools can be used in real-time, even in remote locations, enhancing the efficiency and effectiveness of spill response operations.

Integration will be key to unlocking the full potential of AI and advanced connectivity solutions in the spill response industry.

SCIENCE & TECHNOLOGY (CONTINUED) (

By moving away from standalone applications and towards integrated systems, we can empower tactical teams with the ability to access and utilize preplanned response strategies more efficiently. This shift will not only increase the speed at which we can react to spills, but also enable a more proactive approach to spill prevention and management by enabling data driven decision making instead of reactionary decisions.

By combining AI and advanced connectivity solutions, we can create powerful tools to support tactical teams in the field and assist facilities in compliance issues. SCAA / [Read more](#)

TRAINING COURSES

Training Course Providers – Please check entries below and advise editor on any necessary updates

USEFUL LINKS

- **INTERNATIONAL – IMO E-LEARNING PLATFORM** [e-learning platform](#)
- **AUSTRALIA – AMOSC** - <https://amosc.com.au/training/>
- **AUSTRALIA & NEW ZEALAND – ALGA** - <https://landandgroundwater.com>
- **CHINA** - <http://www.sioetc.com>
- **EUROPE –** <https://www.emsa.europa.eu/newsroom/latest-news/item/3609-emsa-training-catalogue-2019.html>
- **FRANCE - CEDRE** - https://wwz.cedre.fr/en/content/download/10912/file/CalendrierFormation2023_EN.pdf
- **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 & WORLDWIDE – AMBIPAR GROUP** <https://ambipar.com/uk/training/>
- **UK – NCEC HAZMAT ACADEMY** – [More info](#)
- **USA – TEXAS A&M UNIVERSITY – NATIONAL SPILL CONTROL SCHOOL** <https://www.tamucc.edu/research/nscs/>
- **USA – MPC, DETROIT** - <https://marinepollutioncontrol.com/services/training-and-compliance>
- **USA – ALLIANCE OF HAZARDOUS MATERIALS PROFESSIONALS** - https://www.ahmpnet.org/events/event_list.asp
- **CANADA - CONTAMINATED SITES HEALTH & SAFETY REFRESHER (8-HOUR HAZWOPER) – FROM ECONEXT – [MORE INFO](#)**
- **ONLINE – LLOYDS MARITIME ACADEMY – CERTIFICATE IN ENVIRONMENTAL MARITIME MANAGEMENT.** Starts on 24th January <https://informaconnect.com/certificate-in-maritime-environmental-management/>



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UPCOMING EVENTS

TO VIEW UPCOMING EVENTS CLICK ON [HTTPS://SPILLCONTROL.ORG/UPCOMING-EVENTS/](https://spillcontrol.org/upcoming-events/)

To see ALL of the posted events you will need to click on “LOAD MORE” at the foot of each opened “upcoming events” page. Event organisers are requested to notify ISCO immediately if a listed event is cancelled or postponed. Your Editor does his best to keep the listing

UPCOMING EVENTS (CONTINUED)

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. Please advise the Editor if any of the 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

The listings below give only very basic details – To get access to all information visit <https://spillcontrol.org/upcoming-events/>

NOVEMBER 2023

- IRELAND – EPA – “Environmental Law Conference 2023”, Dublin Castle, 16 November
- WEBINAR – OSRL – “Equipment and Resources for Effective Response”, 14th November, 1400-1500 GMT
- WEBINAR from UK & Ireland Spill Association – “Early lessons to be learned from the Poole Harbour incident”, 15th November 2023, 1500-1630 GMT

DECEMBER 2023 & ONWARDS

- WEBINAR – ExxonMobil Oil Spill Response Knowledge Transfer, “Round Table Discussion to provide Summary and Recommendations”, Webinar 23, 5th December 2023
- UK – Seatrade Maritime Salvage & Wreck Conference, 6-7 December 2023
- UK – Panel Discussion at Salvage & Wreck Conference – “Effective Casualty Management – A Joint Session with Maritime Authorities and Industry”, Wednesday 6th December, 1200-1245 GMT
- WEBINAR – OSRL – “Training, Exercises and Continuous Improvement” 12th December, 1400-1500 GMT
- UAE – International Conference on Environmental Pollution & Remediation, (ICEPR), Dubai, 15-16 February 2024
- AUSTRALIA – Alga – “Chlorinated Hydrocarbons Groundwater Fate & Transport Symposium”, Adelaide, 22-23 February 2024
- PORTUGAL – Economist – “11th Annual World Ocean Summit & Expo”, Lisbon, 11-13 March 2024
- GERMANY – “14th International Conference on Environmental Pollution & Remediation”, Berlin, August 25-27, 2024
- SPAIN & ONLINE – “14th International Conference on Environmental Pollution & Remediation, Barcelona, August 25-27. 2024

SOME OTHER INFO - Recordings of past ExxonMobil OSR Knowledge Transfer Webinar Recordings – [Access and Download](#) UK & Ireland Spill Association Alternative Marine Fuels and their Implications For Spill Response Webinar is [available to watch on YouTube](#).

UPDATES FROM EVENT ORGANISERS

USA: REGISTRATION NOW OPEN FOR IOSC 2024

[International Oil Spill Conference \(IOSC\)](#) in New Orleans, May 13-16, 2024

Registration has officially opened for the International Oil Spill Conference (IOSC), May 13-16, 2024 at the New Orleans Convention Center in New Orleans, LA USA.

IOSC provides a vital forum for professionals from the international response community, private sector, government, and non-governmental organizations to come together to tackle the greatest challenges facing us with sound science, practical innovation, social engineering and imagination. Mark your calendars and start planning your trip to join over 1,500 attendees from over 50 countries, representing government agencies, contractors, researchers, industry, and other stakeholders as they exchange ideas and lessons learned from actual spill responses and research around the world. Stay tuned, registration details will be announced in August. We look forward to seeing you in New Orleans next year. **Learn More about IOSC 2024** Be sure to follow IOSC on [Facebook](#), [Twitter](#), and [LinkedIn](#) for updates and announcements about #IOSC2024. Please contact registration@iosc.org for questions or additional information. Interested in exhibiting or sponsorship? Please reach out to: exhibits@iosc.org

USA: CLEAN WATERWAYS 2024 – REGISTRATION NOW OPEN

[PRELIMINARY AGENDA JUST ANNOUNCED](#) [2024 PRELIMINARY SESSION LINE-UP](#)

[Meet the 2024 CLEAN WATERWAYS Planning Committee](#) Registration Now Open for CLEAN WATERWAYS 2024 - Registration has officially opened for the 2024 CLEAN WATERWAYS Conference, taking place at the Duke Energy Convention Center in Cincinnati, OH, April 9-11. Registration rates are at the lowest rates we will offer all year and increase by \$150 after Friday, October 27th. [Registration information](#) April 9-11, 2024, Cincinnati, OH – “Incident Prevention & Response for Inland Regions & Waterways” [View the website](#)

The CLEAN WATERWAYS program is developed by a government/industry-based committee of approximately 50 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.

CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES

INTERNATIONAL OPEN TENDER NOTIFICATIONS

This is a subscription service. <https://www.tender247.com/keyword/oil+spill+tenders+global>

OTHER OPPORTUNITIES: USA & EUROPE

US Government solicitations are frequently posted in Technology Innovation News Survey <https://clu-in.org/products/tins/>

US Federal Contract Opportunities are posted at <https://clu-in.org/Federal-Contract-Opportunities>

European Maritime Safety Agency invitations to tender are often posted in The EMSA Newsletter at -

<https://www.emsa.europa.eu/newsroom/newsletters.html>

ISCO Members can post requests for submission of invitations to tender for supplies / services in this section. The ISCO Newsletter is circulated to nearly 3,000 registered subscribers in 60 countries worldwide and represents a well targeted audience for sourcing invitations to tender. Send requests to the Editor – john.mcmurtrie@spillcontrol.org

LINKS FOR OTHER PUBLICATIONS

TO VIEW LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS PLEASE CLICK ON

<https://spillcontrol.org/2021/10/19/links-for-downloading-and-reading-other-publications/>

As a service to its Members ISCO provides a listing of publications that may be of interest to our community. This page provides details and links for downloading more than 40 publications most of which can be accessed at no cost. This page is managed by Mike Watson

mike@mwadigital.com

NEW PUBLICATIONS

EMSA NEWSLETTER FOR NOVEMBER 2023

<https://www.emsa.europa.eu/newsroom/latest-news/item/5060-newsletter-november-2023.html>

This month, the latest edition of the Annual Overview of Marine Casualties and Incidents reveals that 2022 was a positive year in terms of the reduction or stabilisation of many accident indicators. Find out more about EMSA's 2023 Maritime Cybersecurity conference as well as the latest developments in artificial intelligence applications in our integrated maritime applications. We've got updates on the new version of RuleCheck and its capabilities, EMSA's participation in Operation Breeze in Bulgaria, as well as news on our core skills course for SAR coordinators and the go-live of the common core curriculum for maritime auditors.

INCIDENT REPORTS

MARITIME ACCIDENT REPORTS FROM THE MARITIME BULLETIN

In the Maritime Bulletin, Mikhail Voytenko regularly advises on vessel abandonments, groundings and sinkings – several every week– but, unless there is an immediate and significant release of oil or chemicals, spillages are not reported. However, many of Mikhail's reports cover incidents that may have potential to cause pollution. To view all of his reports, visit

<https://www.maritimebulletin.net/>

PHILIPPINES: 248 FAMILIES AFFECTED BY BATANGAS CHEMICAL SPILL

November 6 - A chemical spill hit Barangay San Miguel here on Saturday, November 4, prompting the evacuation of 248 families, police said Monday, November 6.

Police said a land-based inspection revealed that the incident occurred during the loading of Solvent Naptha L at Tank No. 5 owned by a company in the area.

Due to the untightened drain plug of the storage tank, the control valve within the containment area opened, and resulted in chemicals spilling to the rainwater canal up to the coastal area, police added.

Police also said that approximately two drums of Solvent Naptha L, used as an additive to paints and thinner products, were spilled in a 6,000-square meter area.

The Marine Environmental Protection Group (MEPGRP)-STL-Batangas led by Police Lt. Precious Omalsa said the spill was eventually contained and clean-up in the affected shoreline was conducted. Manila Bulletin / [Read more](#)



November 8 - OCD: Batangas chemical spill now under control.

Photo on left - courtesy of Philippines Coast Guard – “Coast Guard personnel inspect the shoreline of Barangay San Miguel in Bauan, Batangas after a chemical spill that prompted the evacuation of 53 families on Saturday, November 4”.

The Office of Civil Defense (OCD) announced Tuesday night, November 7, that the chemical spill incident in Barangay San Miguel, Bauan, Batangas that began over the weekend is under control. Manila Bulletin / [Read more](#)

INDIA: OIL SPILLS AFTER RUPTURE IN PARADIP-HALDIA IOCL PIPELINE IN KENDRAPARA; IOCL ALLEGES THEFT ATTEMPT

November 6 - Thousands of litres of oil flooded acres of land near Bheda (Narendrapur) under Aul block of Kendrapara district after an underground pipeline of IOCL ruptured. The IOCL authorities have started restoration work and a drive to recover the spilled oil from the ground. As per reports, a breach was reported in the Haldia -Paradip pipeline near Bheda last night, leading to a massive oil spill in the area.

A team of the IOCL has rectified the leak in the pipeline allegedly caused by miscreants and also cleared the spilled oil from the site. Odisha TV News / [Read more](#)

USA: VERMONT - 15,000 GALLONS OF HEATING OIL SPILLED FROM PAPER MILL'S TANK IN PUTNEY INTO NEARBY WATERWAYS

November 6 - An estimated 15,000 gallons of heating oil spilled from a tank at the Soundview Paper mill in Putney Thursday night, much of it entering Sacketts Brook, which flows into the Connecticut River.

Authorities have thus far recovered more than 12,000 gallons of the sludgy No. 2 heating oil, according to Mike Nucci, an environmental analyst with the Vermont Department of Environmental Conservation spill team. He said he expected authorities to discover more of the missing oil when they excavate the ground underneath the oil tank. VT Digger / [Read more](#)

USA: WEST VIRGINIA - NUMEROUS MILES-LONG OIL SPILLS HAVE BEEN REPORTED ON ONE OF PITTSBURGH'S ICONIC THREE RIVERS

November 7 - Oil sheens up to 18 miles long have repeatedly been reported by an environmental advocacy group on the Monongahela River over the last six months.

The site of the recurring pollution is only a few miles from where the Monongahela River merges with the Ohio River, which provides drinking water to more than five million people. Environment Health News / [Read more](#)

USA: CALIFORNIA - CHEMICAL SPILL IN PETALUMA PREVENTED FROM REACHING WATERWAYS

November 7 - Firefighters and hazmat workers managed to stop a chemical spill in Petaluma from reaching local waterways. Early Monday morning on Sonoma Mountain Parkway, near Cygnus Way, a chemical spill was spotted involving a 20-gallon spill of an unknown substance from a large abandoned drum. Three other containers were also found near the side of the road. The substance was found to be a petrochemical liquid that posed no threat to the community. First responders prevented any substance from entering the storm drains or waterways. KSRO / [Read more](#)

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