



## 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 NEWS

PLEASE CLICK ON THE BANNER BELOW FOR MORE INFORMATION



## UPDATES – PLASTICS TREATY NEGOTIATIONS

**Nov 20 - Small victories and major frustrations mark latest round of plastics treaty negotiations** - A third round of talks over the global plastics treaty ended in frustration this weekend, as so-called "low-ambition" countries hindered progress by litigating the definition of basic terms like "plastics" and "life cycle." Observers noted some signs of progress — like growing support for measures to address harmful chemicals that are commonly added to plastics. Grist / [Read more](#)

**Nov 20 - 'More questions than answers': Plastics Treaty talks fail to reach ambitious outcome** - The latest round of UN-led talks to develop a new global treaty tackling plastic pollution has ended with nations unable to reach an agreement for further work over the next six months. Edie / [Read more](#)

## IMO CARES TECHNOLOGY CHALLENGE NOW OPEN FOR ENTRIES

Nov 22 - The International Maritime Organization (IMO) is inviting maritime technology providers to submit entries to the IMO CARES (Coordinated Actions to Reduce Emissions from Shipping) Maritime Technology Global Challenge, which is designed to accelerate the identification and deployment of innovative decarbonization solutions for ports and domestic vessels in Africa and the Caribbean. IMO / [Read more](#)

## UPDATES FROM THE IPIECA-IMO GLOBAL INITIATIVE

Launched in 1996 The Global Initiative (GI) is a partnership programme between the International Maritime Organization (IMO) and Ipieca. It assists governments, through IMO, and the oil and gas industry, through Ipieca, to work together to assist countries in strengthening national structures and capacity for oil preparedness and response.



## INTERNATIONAL NEWS (CONTINUED)

The GI spans four regions:

- The Black Sea, Caspian Sea and Central Eurasia (OSPRI)
- West, Central and Southern Africa (GI WACAF)
- Southeast Asia (GI SEA)
- The Caribbean (REMPEITC) [IPIECA / Read about the current activities of IPIECA](#)

### FIRST WORKSHOP ON PARTICULARLY SENSITIVE SEA AREAS IN AREAS BEYOND NATIONAL JURISDICTION

Nov 23 - Two ocean regions located in areas that fall within and beyond National Jurisdiction have been examined at a recent workshop. The aim was to discuss how the Particularly Sensitive Sea Areas (PSSAs) concept could be applied in these areas - the so-called Thermal Dome in the eastern Pacific off the coast of Central America and the Sargasso Sea in the north Atlantic.

IMO / [Read more](#)

## REGIONAL NEWS

### SOME SOUTH AMERICAN COUNTRIES FAIL TO ENFORCE OIL CLEANUP LAWS

November 16 - Existing legislation in Peru, Colombia, Ecuador and Bolivia provides for the remediation of environmental damage, though experts point to a “lack of political will” to enforce the laws.

Bolivia is pressing ahead with its plans to expand activity of its hydrocarbon sector, while in Ecuador, there is an ongoing debate in international courts over an emblematic pollution case.

In Peru, not a single environmental liability has yet been fully dealt with, while in Colombia a law has just been passed that will seek to catalog the damage caused by the oil industry. [Mongabay / Read more](#)

### EU TO INTRODUCE STRICTER FINES FOR ILLEGAL DISCHARGES FROM SHIPS

November 18 - Ships in the European Union seas should face dissuasive fines not only for oil spills but also for sewage and garbage discharge, Transport and Tourism Committee Members of the European Parliament (MEPs) said. The Transport and Tourism Committee voted on Thursday to update EU rules on preventing pollution from ships in European seas and ensuring perpetrators face fines. The move would ensure all international standards on preventing illegal discharges from ships, developed by the International Maritime Organisation (IMO), become part of the EU law and as a result become more easily enforceable.

[Ships & Ports / Read more](#)

### EU STRIKES DEAL ON NEW ‘ECOCIDE’ RULES TO PUT POLLUTERS IN JAIL

November 20 - European Union legislators have reached an agreement on a new directive that will see jail sentences of up to 10 years for the worst polluters and companies fined up to 5% of their global turnover. [Edie.net / Read more](#)

### MAERSK SUPPLY SERVICES EXTENDS SUPPORT OF OCEAN PLASTICS CLEAN UP MISSION



*Photo – OSV Maersk Supply Service operates two vessels to support The Ocean Cleanup (Photo courtesy of Maersk Supply Service)*

November 21 - Maersk Supply Service and A.P. Moller–Maersk are extending their support of the non-profit group The Ocean Cleanup for another year as they work to complete the critical validation of a system that will be used to collect plastic from the world’s oceans. When the technology and system have been validated, The Ocean Cleanup believes it will be able to raise support from the public,

governments, and other foundations to significantly scale up its operation from 2025 onwards. [The Maritime Executive / Read more](#)

## MEDITERRANEAN - SECOND TRAINING COURSE ON OFFSHORE COMMON STANDARDS AND GUIDELINES

November 23 - A Training Course was organised by Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC), on "Common Standards and Guidance on the Disposal of Oil and Oily Mixtures and the Use and Disposal of Drilling Fluids and Cuttings, and on Guidelines related



to the Use and Discharge of Harmful or Noxious Substances and Materials, including Chemical use plan for Offshore operations." on 7-8<sup>th</sup> November 2023, held at REMPEC premises in Malta. The common standards and guidance were adopted in 2019 by the Contracting Parties to the Barcelona Convention, in line with the [Mediterranean Offshore Action Plan](#) (MOAP), while Guidelines related to the Use and Discharge of Harmful or Noxious Substances and Materials will have to be developed in a near future according to the MOAP and to the conclusions & recommendations of the fourth OFOG meeting held in May 2023. REMPEC / [Read more](#) (Photo courtesy of Rempec)

## MEDITERRANEAN & ADRIATIC - EXERCISE HELD WITHIN THE NAMIRS PROJECT



November 24 - On the 20<sup>th</sup> of November 2023, an exercise within the NAMIRS project was held in Trieste, Italy. The goal of this exercise was to check the preparedness of response services, standard operative procedures and the cooperation between the countries of Italy, Slovenia and Croatia.

The reaction and response time was also evaluated, as well as the communication between the countries involved.

Through this exercise, a

collision between a oil carrying vessel and a Ro-Ro vessel was simulated in which 10 tons of heavy fuel oil leaked into the sea. The surveillance of the situation was done from the sea, as well as from the air with the use of a helicopter. The exercise was successfully done, and the participants included: Central European Initiative, Italian Coast Guard, Ministry of Environment and Energetic Safety (Italy), Ministry of Sea, Transport and Infrastructure (Croatia), Administration for Civil Protection and Disaster Relief (Slovenia), ATRAC, University of Ljubljana, Faculty of Maritime Studies and Transport Portorož (Slovenia), National Institute of Oceanography and Applied Geophysics (Italy) and other participants that are involved in the accidental marine pollution response.

Atrac / [Read more](#) (Photo courtesy of Atrac)

## ISCO NEWS

### ISCO WELCOMES NEW MEMBERS WHO HAVE RECENTLY JOINED

The following are new members who have applied for membership and completed the joining process by paying for their initial year of membership. Currently there are a few pending membership applications awaiting receipt of their first year payments which are required to complete on their membership joining process.

## ISCO NEWS (CONTINUED)

### New Corporate Members

**Miko Marine AS** - With head office in Oslo, Norway and subsidiaries in Louisiana, US. We are present around the globe. Agents and distributors are available in various countries. Miko Marine AS was founded in 1996 on the idea of using a magnetic patch for stopping seawater leaking into a floating vessel -or to stop oil leaking from the vessel into the sea. <https://mikomarine.com/>

**Clean Nigeria Associates Ltd/GTE** - The Clean Nigeria Associates (CNA), is a non-profit Organization and a co-operative of several oil producing companies in Nigeria. The objective of the company is to promote the science of protecting, preserving, restoring the environment after oil spill and be a leading provider of human capacity development. <https://www.cleannigeria.org/>

**Marshal International Contractors Ltd.** – Based in Lagos, Nigeria, Marshal International Contractors Limited was formed as a result of the entrepreneurial drive to provide value-adding Engineering, Procurement, Construction and logistics services in Nigeria and the West African region. Since 1988, our services have been provided across a wide area of endeavours essential to the Nigerian economy across various sectors. We aim to be a service provider & partner of choice through our competence, experience and commitment. <http://marshalintl.com.ng/>

### New Industry Partners

**International Marine Experts** - Based in Balboa, Panama, International Marine Experts is a diversified marine services company dedicated to serving the leading companies of the maritime industry. Our company specializes in Marine Surveys, Marine Claims & Loss Adjusting, Project Cargo Inspections, Flag States Inspections, Marine Consultancy and Marine Accident investigations. <https://www.ime-group.com/>

### New Individual Members

Rob Cox (UK)

Hugo Veran (Peru)

Juan Diego Reyna (Panama)

### New Student Members

Ganjar Pradana (Indonesia)

Ahmed Shalfoh (Libya)

Chandra Jeet Singh (India)

Hossam Raghid (Morocco)

Engr. Mary-Joan Oledibe (UK)

Chase Dalton (USA)

Okonkwo Chinyere Jacinta (Nigeria)

Mubarak Balarabe (UK)

Armando Osorio (Panama)

## NEWS FOR STUDENT MEMBERS

### **P&IQ SCHOLARSHIP 2024**

The International Group of P&I Clubs and The Education Committee are pleased to announce the scholarship application process is open to all who would like to take part in the highly successful P&I Qualification programme. [More info](#)

## NEWS FROM AROUND THE WORLD

### **AUSTRALIA: AMSA RECOGNISED AS INCLUSIVE EMPLOYER FOR SECOND CONSECUTIVE YEAR**

November 6 - The Australian Maritime Safety Authority (AMSA) is proud to announce that it is on Diversity Council Australia's (DCA) list of inclusive employers for 2023-2024. Each year, Australian organisations have the opportunity to participate in DCA's Inclusive Employers Index, which enables the measure of diversity and inclusion in their workforce and compare findings to the DCA's national benchmarks. AMSA CEO Mick Kinley celebrated receiving the designation for the second year running, having also made the list last year when AMSA first participated in the process. AMSA / [Read more](#)

### **AUSTRALIA CHAMPIONS PACIFIC'S CASE, SPOTLIGHTS INDIGENOUS PEOPLE AT PLASTICS TREATY NEGOTIATIONS**

November 19 - Australia continues to champion the One Pacific Voice calling for an urgent and ambitious Global Plastic Treaty that addresses the full life cycle of plastics, as the third session of the Intergovernmental Negotiating Committee (INC-3) to develop an international legally binding instrument (ILBI) on plastic pollution, including in the marine environment, continues in Nairobi, Kenya. Australia has also called on the parties to the INC to recognise Indigenous peoples' knowledge, science and practices in the zero-draft of the instrument placed under the microscope this week. EIN News / [Read more](#)

### **BRAZIL: IBAMA STARTS PLANNING FOR PNAPA 2024**

November 20 - With the presence of the Minister of Environment and Climate Change (MMA), Marina Silva, the president of the

## NEWS FROM AROUND THE WORLD (CONTINUED)

Brazilian Institute of the Environment and Renewable Natural Resources (Ibama), Rodrigo Agostinho, began the formulation of the 2024 Annual National Environmental Protection Plan (Pnapa 2024). IBAMA / [Read more](#)

### CANADA: GREAT LAKES OIL SPILL RESEARCHERS RECEIVE \$3.8M

November 19 - The Canadian government has given nearly \$4 million to researchers studying the behavior and impacts of oil spilled in the Great Lakes. Lake Superior State University (LSSU) in Sault Ste. Marie, Mich., announced the receipt of \$3.87 million from Canada this week, which will fund collaborative research with Algoma University across the international border in Sault Ste. Marie, Ontario. MLive / [Read more](#)

### INDIA: COAST GUARD DG ON GUJARAT VISIT, TO CHAIR MEETINGS ON POLLUTION RESPONSE, OIL SPILL

November 22 - Director General of Indian Coast Guard (ICG) Rakesh Pal is on a Gujarat visit, where he will chair meetings at Vadinar in Jamnagar district ahead of a marine spill preparedness exercise, it was stated on Wednesday. He will chair meetings ahead of the National Pollution Response Exercise (NATPOLREX), aimed at enhancing the response capability of stakeholders in marine spills, to be carried in the sea off the Vadinar coast on November 25, said an official release. The Print / [Read more](#)



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## NEWS FROM AROUND THE WORLD (CONTINUED)

### INDIA: NATIONAL OIL SPILL DISASTER CONTINGENCY PLANNING AND PREPAREDNESS CONFERENCE CONCLUDES SUCCESSFULLY

November 23 - The Indian Coast Guard conducted the 25th National Oil Spill Disaster Contingency Plan (NOSDCP) and preparedness meeting at Vadinar, Gujarat today.

Director General Rakesh Pal, PTM, TM, Director General Indian Coast Guard, Chairman NOSDCP, chaired the meeting. More than 80 delegates from various Ministries, Central Governments, Ports and Oil Handling Companies participated in the meeting.

The national capabilities with the common aim to ensure collective preparedness to respond to any oil spill contingency in Indian waters was reviewed during the meeting. Global Green News / [Read more](#)

### INDIA: COAST GUARD, RELEVANT AGENCIES RE-VALIDATE PLAN TO COMBAT OIL SPILLS

November 24 - In his address, Director General Rakesh Pal, Director General Indian Coast Guard, who serves as the Chairman of NOSDCP, committed that the ICG is cognizant and prepared to counter the threats to the region and its resources, including marine oil and chemical spills at sea. He added that as new vulnerabilities continue to emerge, the stakeholders must recognise the opportunity to enhance cooperation through stronger partnerships, effective coordination and imbibing best practices of the developing technologies. He also stated that the Indian Coast Guard is indigenously building two more state-of-the-art Pollution Response Configured Specialized Vessels besides the three existing to further bolster Pollution Response Capacity. WIO News / [Read more](#)

### JAMAICA BATTLES RELENTLESS PLASTIC POLLUTION IN QUEST TO RESTORE MANGROVES

November 21 - In recent decades, mangroves in Jamaica have declined rapidly, from about 15,000 hectares (37,000 acres) in the 1970s to about 9,945 hectares (24,574 acres) now.

Currently there are several efforts to restore mangroves in the island country, as experts recognize the many ecosystem services they provide, including the protection and stabilization of coastlines as human-induced climate change worsens.

However, restoration efforts face numerous challenges: Near Kingston, the main one is voluminous tides of plastic waste, which can stunt mangrove growth or kill them. Mongabay / [Read more](#)

### PHILIPPINES: IOPC FUNDS HOLDS CLAIMS AND COMPENSATION WORKSHOP



November 17 - At the invitation of the Philippines Coast Guard, the IOPC Funds participated in a two-day workshop centred around claims and compensation related to the Princess Empress incident. The event was held from 14 to 15 November in Manila, the Philippines and provided support and guidance to all government agencies and relevant government departments interested in submitting a claim for compensation for their work on the Princess Empress incident. IOPC Funds / [Read more](#) Photo courtesy of IOPC Funds

### USA: LATEST NEWS REPORTS FROM NOAA O&R

November 20 – Please click on the links below to download and read the latest news from NOAA OR&R

#### Legacy Award for Alaska Scientific Support Coordinator

Catherine Berg, retired NOAA Scientific Support Coordinator (SSC) for Alaska, was recently selected as one of four recipients of the 2023 Legacy Awards bestowed by the British Columbia/Pacific States Oil Spill Task Force. Berg was presented with the award at the Annual Meeting of the Oil Spill Task Force on November 16, 2023 in Sacramento, California.

#### NOAA Presented at the 10th California Islands Symposium

On November 7th, the NOAA Marine Debris Program California Regional Coordinator, Christy Kehoe, presented at the [10th California Islands Symposium](#) (link is external). This multi-day event included the latest research in all disciplines of natural, environmental, and cultural science on the California Islands. This unique area includes all of the islets, rocks, and islands off the Pacific coast of California and Baja California, Mexico.

#### Coastal Response Research Center Co-Director Nancy Kinner Receives Prestigious Profile of Service Award

## NEWS FROM AROUND THE WORLD (CONTINUED)

Nancy Kinner, Ph.D. the University of New Hampshire co-director of the joint OR&R-University of New Hampshire (UNH) [Coastal Response Research Center](#) (link is external)(CRRC), [received the prestigious Profile of Service Award](#)(link is external) from the University at an Evening of Distinction celebration on October 12, 2023

### **OR&R Engages with Stakeholders at Clean Gulf Conference**

Last week, over a dozen members of OR&R's science team attended the annual Clean Gulf conference in San Antonio, Texas. Altogether, OR&R staff participated as presenters and panelists in eight different sessions, covering an A-to-Z range of response topics: dispersants, estimation of oil slick thickness, hurricane pollution targets, in situ burns, natural resource damage assessment, chemistry of unconventional oils, data sharing, and wildlife response.

### **NOAA Joins Plastic Reduction Workshop for Lake Erie Communities**

On November 7th, the Great Lakes Regional Coordinator for NOAA's Marine Debris Program, Haley Dalian, presented at the Plastic Reduction Strategies Workshop for Lake Erie Businesses and Communities. Hosted at Old Woman Creek National Estuarine Research Reserve (NERR) and State Nature Preserve in Huron, Ohio, the workshop gathered participants from diverse perspectives to connect and learn about the ever-present type of marine debris: plastic.

## **USA: LEGISLATURE'S STYROFOAM AND PLASTICS BAN TO TAKE EFFECT ON JULY 1, 2025**

November 22 - Expanding on the plastic bag ban and in an effort to create a lower waste state, the Delaware Legislature has banned most of the non-biodegradable plastic and polystyrene foam materials frequently used in restaurants and other food service providers.

Included in the ban are plastic straws, polystyrene foam (commonly referred to as Styrofoam) containers including lidded containers and cups, single-service plastic beverage stirrers, cocktail picks, and sandwich picks. If these are wooden or otherwise made of biodegradable or compostable materials, they are still permitted. Plastic utensils (forks, spoons, knives) and other plastic containers are absent from the law, meaning there is no violation for their continued use.

This ban will take effect on July 1, 2025. Fines and violations will not be enforced until one year after the effective date, meaning July 1, 2026. The content of this article is intended to provide a general guide to the subject matter. Specialist advice should be sought about your specific circumstances. Mondaq / [Read more](#)

## NEWS FROM ISCO MEMBERS – AN ISCO MEMBERSHIP BENEFIT

*Corporate Members of ISCO can benefit by 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 60 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](mailto:John.McMurtrie@spillcontrol.org). Members who would like to place a regular advertisement in the ISCO Newsletter can also benefit from preferential discounted rates. For more info please contact Mike Watson at [mike@mwadigital.com](mailto:mike@mwadigital.com). He will be happy to help you.*

## **LAMOR DEVELOPS RECOVERY SYSTEMS FOR LOW AND ULTRA-LOW SULPHUR FUEL OILS IN OIL SPILL RESPONSE**

Lamor has developed new recovery systems to address the challenges posed by low and ultra-low sulphur marine fuels in oil spill response efforts. With the increased use of these fuels to reduce emissions, Lamor's innovative solutions offer an effective approach to combating spills and recovering oil. Lamor has developed new recovery systems to address the challenges posed by low and ultra-low sulphur marine fuels in oil spill response efforts. With the increased use of these fuels to reduce emissions, Lamor's innovative solutions offer an effective approach to combating spills and recovering oil.



### **Challenge**

As a result of tightened regulations on marine emissions, the use of very-low and ultra-low sulphur marine fuels has increased. This is in order to cut down the sulphur oxides (SOx) part. For the emissions, this is good, but for the oil spill responder, this means new challenges.

Why is this? Some, not all, of the very-low and ultra-low sulphur marine fuel oils have a relatively high wax/paraffin content, making the oil behave very differently when spilled on top of the cool seawater. The oil becomes more like a layer of grease or semisolid butter or could even be compared with a thin layer of ice. With “traditional” fuel oils and oils in general, an oil layer on top of cool seawater becomes more viscous with degrading temperature but still remains liquid and “elastic.” With most oil recovery

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devices, when recovering spilled oil, you can drag the oil into the skimmer once you get hold of it. Like a floating layer of syrup on water that you can pull into the recovery unit.

But this does not work as well in the very-low and ultra-low sulphur oil with high wax/paraffin content. Once you get hold of the oil, you can recover the first part, but then the rest of the layer may simply crack off and remain. If the recovery device is pushed into the oil layer, you can recover some oil until you most likely lose the grip of the remaining layer again. This makes a recovery much slower and, for some devices, impossible. This has been noted by entities like Cedre (France), and the Norwegian Coastal Administration (Norway) who has under IMAROS project studied the behaviour of very-low and ultra-low sulphur and how to recover them.

**Solution** - The challenge has been noted by entities like Cedre (France), and the Norwegian Coastal Administration (Norway) who has under IMAROS project studied the behaviour of very-low and ultra-low sulphur and how to recover them. Hence, this requires a new approach in terms of oil spill recovery combatting tactics and procedures but also in terms of a new type of recovery devices, especially for stationary recovery devices. Lamor has taken up on this challenge and is developing solutions that suit the problem. Several ideas and thoughts have been identified. However, Lamor already offers working solutions on the advancing type of recovery systems for the recovery of oils with high wax/paraffin. These would be systems like vessel Advancing In-Built Oil Recovery System (LORS), Lamor Side Collectors Systems (LSC), and Oil recovery Bucket (LRB), which all have already been successfully used in spills with high wax/paraffin oil. The work continues to develop the solution to fit the purpose even better. <https://www.lamor.com/>

## MUTUAL SUPPORT AGREEMENT (MSA) BETWEEN OIL SPILL RESPONSE LTD AND OP (FORMERLY OMAN PESCO)

We are celebrating a significant milestone: the signing of the Mutual Support Agreement (MSA) between Oil Spill Response Ltd and OP (formerly OMAN PESCO). This agreement not only benefits our companies and members but also marks another step forward in enhancing Oman's preparedness and oil spill response capabilities.

Ayman M. Naguib writes "I firmly believe that reliable emergency preparedness is achieved through knowledge exchange, open communication, and collaboration among all stakeholders. This is particularly crucial in ensuring seamless decision-making and transition processes among response organizations at different tiers.

I am personally proud of this achievement. Entrusted by our visionary CEO, Dr. Younis Alakhzami, I led efforts on OP's side in evolving this agreement from concept to reality. Working closely with Rhys Jenkins who spearheaded OSRL's side with his expertise and professionalism, was instrumental in bringing this to a successful conclusion.

I am also grateful to my colleague, Dr. Ahmed Elwan, for his vital support in our team, which is crucial as he takes on implementing the operational aspects of the MSA". <https://opresponse.com/>

## 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.*

Editor: Due to a major work overload Dr Larissa's column is being temporarily halted at this time.

## 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.

### 259. Oil reaching the coast: Is Brazil on the route of international oceanic dumping?

Zacharias D.C., Crespo N.M., da Silva N.P., da Rocha R.P., Gama C.M., Ribeiro e Silva S.B.N., Harari J.

(2023) Marine Pollution Bulletin, 196, art. no. 115624,

DOI: 10.1016/j.marpolbul.2023.115624



**ABSTRACT:** After the oil spill disaster occurred in 2019, various events of tar balls reaching the Brazilian coast and archipelagos have been reported. The hypothesis here is that the oil/waste dumped in international waters by ships on-route to Cape of Good Hope is reaching the Brazilian coast. On that account, 30-year probabilistic simulations were used to estimate the probability of dumped oil residue reaching the Brazilian coast. The simulations considered three Zones following the South Atlantic route. The results have shown that up to 28.5 % of large ships could dump oil on-route. Inside the Brazilian Exclusive Economic Zone, the probability of dumped oil/waste reaching the coastline is about 62 % and quickly decreases for Dumping Zones 2 and 3. Equatorial and Northeast shores of Brazil are the most vulnerable to oceanic dumping when compared to other regions.

### **260. Effects of aromatic hydrocarbons and evaluation of oil toxicity modelling for larvae of a tropical coral.**

Nordborg F.M., Brinkman D.L., Fisher R., Parkerton T.F., Oelgemöller M., Negri A.P.  
(2023) Marine Pollution Bulletin, 196, art. no. 115610,  
DOI: 10.1016/j.marpolbul.2023.115610

**ABSTRACT:** Application of oil toxicity modelling for assessing the risk of spills to coral reefs remains uncertain due to a lack of data for key tropical species and environmental conditions. In this study, larvae of the coral *Acropora millepora* were exposed to six aromatic hydrocarbons individually to generate critical target lipid body burdens (CTLBBs). Larval metamorphosis was inhibited by all six aromatic hydrocarbons, while larval survival was only affected at concentrations  $>2000 \mu\text{g L}^{-1}$ . The derived metamorphosis CTLBB of  $9.7 \mu\text{mol g}^{-1}$  octanol indicates larvae are more sensitive than adult corals, and places *A. millepora* larvae among the most sensitive organisms in the target lipid model (TLM) databases. Larvae were also more sensitive to anthracene and pyrene when co-exposed to ecologically relevant levels of ultraviolet radiation. The results suggest that the application of the phototoxic TLM would be protective of *A. millepora* larvae, provided adequate chemical and light data are available.

### **261. Evaluating crude oil distribution tendencies in a multi-phase aquatic system: Effects of oil type, water chemistry, and mineral sediment**

Hounjet L.J., Stoyanov S.R., Chao D., Hristova E.  
(2023) Marine Pollution Bulletin, 196, art. no. 115607,  
DOI: 10.1016/j.marpolbul.2023.115607

**ABSTRACT:** Planning for effective response to crude oil spills into water depends on evidence of oil behavior, including its tendency to become distributed throughout an aquatic system. An improved laboratory method is employed to quantitatively assess crude oil distribution among different layers that form after mixing within a multi-phase system of water and sediment. Mixtures of conventional crude oil or diluted bitumen with different water types in the presence or absence of mineral sediment are first mixed by a standard end-over-end rotary agitation protocol. After a settling period, each mixture's visibly distinct floating, surface oil (e.g., slick or emulsion), subsurface bulk water, and bottom layers are then separated. Finally, the masses of oil, water, and sediment constituting each layer are isolated, quantified, and compared. The novel results reveal how component properties affect oil distribution among layers to inform spill behavior models, risk assessments, and response plans, including applications of spill-treating agents.

### **262. Establishment and optimization of the three-band fluorometric indices for oil species identification: Implications on the optimal excitation wavelengths and the detection band combinations.**

Xie M., Xu Q., Xie L., Li Y., Han B.  
(2023) Analytica Chimica Acta, 1280, art. no. 341871,  
DOI: 10.1016/j.aca.2023.341871

**ABSTRACT:** Background: The oil pollutants have become a major threat to the ocean environment with the rapid development of social economy and offshore production activities. The detection and identification of petroleum pollutants is the foundation and prerequisite for controlling offshore oil pollution. Spectroscopic analysis using the ultraviolet-induced fluorescence of oil pollutants is a potential way for oil species identification. Nevertheless, the current fluorescence spectroscopic analysis methods, such as excitation-emission matrix, has high requirements on the detection equipment. There is a great need for rapid oil species identification method when it comes to practical applications. Results: This study established the three-band fluorometric index (TBFi) method and examined its capability on the oil species identification. The fluorescence of five different types of oil samples under various excitation wavelengths were excited using a tuneable xenon lamp, and measured using a high-resolution spectrometer. The optimal excitation wavelengths and the corresponding detection band combinations were explored through the iterations of an optimal band combination algorithm through different excitation wavelengths. According to the results, three out of the four TBFis tested in this study are suitable for oil species identification. They share the same sets of the excitation wavelengths under 365 nm, 375 nm, and 435 nm. The detection band combinations corresponding to each TBFi under each feasible excitation wavelength were also determined in this study. Significance: The three-band fluorometric index method proposed in this study provides a feasible way for

the rapid oil species identification using fluorescence spectroscopic analysis. The optimal excitation and detection wavelengths determined in this study also provide the theoretical basis for the designs of fluorescence sensors for rapid oil spill detection and identification.

### **263. Tar balls as a floating substrate for long-distance species dispersal.**

Bérgamo D.B., Craveiro N., Magalhães K.M., Yogui G.T., Soares M.O., Zanardi-Lamardo E., Rojas L.A.V., Lima M.C.S.D., Rosa Filho J.S. (2023) *Marine Pollution Bulletin*, 196, art. no. 115654, DOI: 10.1016/j.marpolbul.2023.115654

**ABSTRACT:** Recent arrivals of tar balls have been observed in several tropical beaches associated with the oceanic circulation that flows to the Brazilian continental shelf. Between August and September 2022, tar balls were collected in the northeastern coast of Brazil and analyzed. Nearly 90 % of the oils were colonized by barnacles, polychaetes, decapods, and algae. Most rafting organisms were *Lepas anserifera* with capitulum measuring 0.32 to 22.21 mm. Based on the growth rate of barnacles and the speed of the SEC it was estimated that tar balls were floating since July and August 2022 and traveled a maximum of 1938.82 km. The organisms and tar balls' possible origin is in the international waters, near to the meso-Atlantic ridge, known for oil tanker traffic. The tar balls, in addition to the oil-related impacts, can act as a vector of long-distance species dispersion, and it needs to raise an alert, considering the possible ecological impacts.

### **264. Mapping oil pollution in the Gulf of Suez in 2017–2021 using Synthetic Aperture Radar.**

El-Magd I.A., Zakzouk M., Ali E.M., Abdulaziz A.M., Rehman A., Saba T. (2023) *Egyptian Journal of Remote Sensing and Space Science*, 26 (3), pp. 826 - 838, DOI: 10.1016/j.ejrs.2023.08.005

**ABSTRACT:** The Gulf of Suez region accommodates diverse activities, including oil exploration and production, recreational activities, and export and import ports. The Gulf region is exposed to pollution risks due to these interactions, with few research studies documenting these pollution cases. This research aimed to use Synthetic Aperture Radar (SAR) satellite data to detect and map all the oil pollution incidents within the geographical extent of the Gulf of Suez that occurred from 2017 to 2021, locating the most affected regions and possible sources of pollution. It enabled the detection and mapping of nearly 150 oil spill incidents that occurred over 67 dates during the study period and covered 851 km<sup>2</sup> of the sea surface. The year 2018 recorded the greatest pollution area over the study period, with 201 km<sup>2</sup>. Along the Gulf coast, Suez, Ain Sokhna, and Ras Ghareb cities recorded the highest number of marine pollution incidents. The research also located seven sources of pollution that frequently discharge into the Gulf water without regulations. This research recommends implementing a real-time monitoring system for oil pollution to robustly detect any future oil incidents in these high-risk areas as quickly as possible and minimize their environmental impact.

### **265. Factor diagnosis and governance strategies of ship oil spill accidents based on formal concept analysis.**

Chen J., Chen H., Shi J., Yan T., Gu M., Huang X. (2023) *Marine Pollution Bulletin*, 196, art. no. 115606, DOI: 10.1016/j.marpolbul.2023.115606

**ABSTRACT:** Ship oil spill accidents have a prolonged duration, complex consequences, challenging cleaning and repairing efforts, and pose a significant threat to the environment, economy, and society. Eliminating irrelevant information and identifying key factors using traditional methods is challenging due to the complexity of the causes of ship oil spill accidents. To address this, this article sorts out the accident databases of the International Tanker Owners Pollution Federation (ITOPF) and eight national maritime administration agencies, and innovatively constructs a formal concept analysis (FCA) model based on reports of 100-plus ship oil spill accidents. The model results prove that improper operation, less complete ship equipment, large tonnage, and poor navigation conditions are the key factors. The different causal rules of oil spills in collision/contact, grounding, fire/explosion, and foundering are further compared and analyzed. Finally, corresponding improvement measures are put forward for the key factors of oil spills and different causal rules.

### **266. Trends in marine pollution mitigation technologies: Scientometric analysis of published literature (1990-2022).**

Anthony D., Siriwardana H., Ashvini S., Pallewatta S., Samarasekara S.M., Edirisinghe S., Vithanage M. (2023) *Regional Studies in Marine Science*, 66, art. no. 103156, DOI: 10.1016/j.rsma.2023.103156

**ABSTRACT:** Marine pollution presents a pressing environmental issue in the oceanic realm. To examine the identification, detection, and mitigation technologies employed for marine pollution, a chronological review and analysis were conducted using a systematic

## RECENT INTERESTING PEER-REVIEWED OIL SPILL PUBLICATIONS (CONTINUED)

search of 90,893 peer-reviewed Scopus-indexed journal articles on the SCOPUS database. From 1990 to 2022, research on marine pollution encompassed a wide range of topics including heavy metal pollution, oil spills, microplastics, and eutrophication. Detection technologies such as image processing, biomonitoring, spectroscopy, and microscopy emerged as prominent technologies, while mitigation strategies revolved around physical, chemical, and biological methods. In order to enhance the effectiveness of marine pollution mitigation, emerging technologies such as cloud-native platforms, decision intelligence, artificial intelligence (AI) and machine learning (ML) should be employed. This review highlights the importance of interdisciplinary involvement and the need to reinforce scientific areas to prevent future marine disasters and pollution, such as the recent incident with the X-Press Pearl.

## 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/>

### RECYCLABLE PLASTICS PRODUCED USING CO<sub>2</sub> - A NEW ROUTE TO SUSTAINABLE PLASTICS?

Utilizing waste CO<sub>2</sub> and producing recyclable plastics are two of the major issues faced by the energy and materials industries. It is therefore exciting to see this new work, published in the Journal of the American Chemical Society, which may provide a solution to both of these issues at the same time.

In the work, researchers from the University of Liege develop a new route to sustainable plastics by reacting oxazolidones monomers produced from CO<sub>2</sub> with thiols. This provides a non-isocyanate polyurethane structure with embedded N,S-acetal bonds. These N,S-acetal bonds are highly dissociative in nature, a feature that can be exploited to allow recycling by multiple methods. Mondaq / [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](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](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 24<sup>th</sup> January <https://informaconnect.com/certificate-in-maritime-environmental-management/>
- **ONLINE - LLOYDS MARITIME ACADEMY – CERTIFICATE IN MARINE POLLUTION PREVENTION & MANAGEMENT.** Starts on 14<sup>th</sup> March 2024 - <https://email.informaconnect.com/q/12ErXbQNGaNK08lQrkPeq62v/wv>

Members who would like to be listed here, please contact your editor – [john.mcmurtrie@spillcontrol.org](mailto:john.mcmurtrie@spillcontrol.org)

## 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 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

## UPCOMING EVENTS (CONTINUED)

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](mailto:John.mcmurtrie@spillcontrol.org)

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

### DECEMBER 2023

- **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 6<sup>th</sup> December, 1200-1245 GMT**
- **WEBINAR – OSRL – “Training, Exercises and Continuous Improvement” 12<sup>th</sup> December, 1400-1500 GMT**

### JANUARY 2024 & ONWARDS

- **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 – “11<sup>th</sup> Annual World Ocean Summit & Expo”, Lisbon, 11-13 March 2024**
- **GERMANY – “14<sup>th</sup> International Conference on Environmental Pollution & Remediation”, Berlin, August 25-27, 2024**
- **SPAIN & ONLINE – “14<sup>th</sup> 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.

Why are Exhibitors So Excited for IOSC 2024? [Read more](#)

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](mailto:registration@iosc.org) for questions or additional information. Interested in exhibiting or sponsorship? Please reach out to: [exhibits@iosc.org](mailto: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](#)

**SALVAGE & WRECK CONFERENCE** [Latest news](#)

## CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES

### INTERNATIONAL OPEN TENDER NOTIFICATIONS

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

## CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES (CONTINUED)

### 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](mailto:john.mcmurtrie@spillcontrol.org)**

## INTERESTING OPPORTUNITY

### UK MANAGING DIRECTOR POSITION

An opportunity has arisen for a managing director to take over the reins of the Edge Group. The company covers the following areas of activities; manufacturing of containment booms, tanks, bunds and specialised equipment. 24/7 emergency response for oil and chemical spills. Training for Ports under OPRC, oil and chemicals. Industrial oil spill consultants. Contingency plan writing, environmental audits, contaminated land surveys, removal of oil tanks and tank cleaning. This is just some of the work undertaken.

I need a dynamic individual to put things together again and make it run. Contact Nigel Collingwood on 07966 932890 or email [nigel@edge-enviro.com](mailto:nigel@edge-enviro.com)

See what we do @ [www.edge-enviro.com](http://www.edge-enviro.com)

Edge Enviro Services Ltd, Kent Response Centre, Unit 7 Thorne Farm, Thorne Hill, Minster, Kent CT12 5DS  
24hour Callout: 0800 9702112, Tel: 01843 825868, Email: [contact@edge-enviro.com](mailto:contact@edge-enviro.com)

## LINKS FOR OTHER PUBLICATIONS

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<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](mailto:mike@mwadigital.com)

## NEW PUBLICATIONS

### IPIECA GLOBAL INITIATIVE

Assisting countries to develop national structures and capability for oil spill preparedness and response. Launched in 1996 The Global Initiative (GI) is a partnership programme between the International Maritime Organization (IMO) and Ipieca. It assists governments, through IMO, and the oil and gas industry, through Ipieca, to work together to assist countries in strengthening national structures and capacity for oil spill preparedness and response.

- OSPRI: strengthening regional cooperation in the Black Sea, Caspian Sea and Central Eurasia
- GI WACAF: supporting The Gambia's Oil Spill Contingency Plan
- GI SEA: bridging oil spill preparedness in Southeast Asia
- Participation in the 45th ASEAN Maritime Transport Working Group alongside IMO, updating ASEAN member states on oil spill preparedness activities across the region
- National workshop in Cambodia to support the development of a national oil spill preparedness and response framework
- Regional workshop in Malaysia to support the operationalization of the ASEAN Regional Oil Spill Contingency Plan  
[More information about current activities](#)

## 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/>

### TURKIYE: GENERAL CARGO SHIP BEACHED BY STORM BROKE IN TWO

November 19 - General cargo ship of river-sea type (notoriously known because of structural weakness leading to breaking in two) PALLADA broke in two at Eregli anchorage, Turkish Black sea coast east of Istanbul, on Nov 19. The ship arrived at Eregli anchorage on Nov 8 from Ukraine, understood during storm anchor dragged, she drifted ashore, and strong waves did the rest, she broke in two. 13 crew rescued. <https://www.maritimebulletin.net/>

### USA: LOUISIANA -PIPELINE SPILL RELEASES UP TO 1.1 MILLION GALLONS OF OIL



*Above: Oil slick off Pass a Loure (Photo courtesy of USCG)*

**November 20** - The U.S. Coast Guard says that a pipeline spill off the Mississippi River Delta has released up to a maximum of 1.1 million gallons of oil into the environment, based on engineering calculations. If verified at the upper end of the potential release range, this would be a significant volume, equivalent to roughly 0.5 percent of the Deepwater Horizon blowout or 10 percent of the Exxon Valdez spill. Over the weekend, a unified command set up by the Coast Guard organized overflights to establish the extent of the spill. A Thursday afternoon overflight identified a slick about four miles wide, with patches of dark oil throughout.

The Maritime Executive / [Read more](#)

**November 21** - NOAA is helping oversee the incident, and the agency's emergency operations coordinator Doug Helton told WWL that it's not necessarily the amount of oil, but its impact, that is of most concern. "There are endangered and threatened species in Louisiana waters. Most of the coastal Louisiana is wetlands and marshes, and that's typically considered really sensitive to oil," he said. "...Even if this doesn't make it ashore, it doesn't mean that this is an incident that we can just ignore. There are a lot of things that live out in the gulf. "Turtles are "probably one of the biggest concerns that we might have," he said. CBS News / [Read more](#)

**November 21** - 5 things to know about the Gulf of Mexico oil spill. The Hill / [Read more](#)

**November 21** - The Coast Guard, working in conjunction with MPOG, the Louisiana Oil Spill Coordinator's Office, the National Oceanic and Atmospheric Administration, and other agencies, deployed a comprehensive response strategy to contain the incident. According to the report, the multi-agency team focused primarily on containing the spill and preventing further spread, followed by remediation efforts to remove the oil from the marine environment. Pipeline Journal / [Read more](#)

November 23 - Over the course of the past week, the spill has stretched out to a length of 30 miles, drifted further offshore and dissipated to a light sheen (above). No signs of further new oil releases have been observed. A few oiled birds have been spotted, but there have been no shoreline impacts, response coordinators told local media. The Maritime Executive / [Read more](#)

### FRANCE: WHOLE BAGS OF PLASTIC MICROBEADS, "TOXIC FOR MARINE ENVIRONMENTS", FOUND ON THE BEACHES OF THE LANDES

November 22 - Since Saturday 18 November, the inhabitants of the Landes have been able to observe on their beaches the stranding of several bags containing plastic microbeads, carried by the ocean.

This is the first time that entire bags have been found on the Landes coast. To date, we have recovered five bags. But we imagine that there are many more, either that have sunk or that will come to wash up on our beaches in the days to come.

France TV Info / [Read more](#)

### USA: KENTUCKY - TRAIN DERAILMENT CAUSES CHEMICAL SPILL, FORCES EVACUATIONS

November 23 - A train derailed and spilled chemicals in a remote part of eastern Kentucky on Wednesday, prompting officials to encourage residents of a small town to evacuate.

Gov. Andy Beshear said in a statement that local officials in Rockcastle County were encouraging residents of Livingston, with a population of about 200, to evacuate.

In a news release, railroad operator CSX said that the derailment occurred a little before 2:30 p.m. local time north of Livingston and involved at least 16 cars.

Two cars containing sulfur were "breached" and some of the sulfur caught fire, CSX said, indicating that sulfur dioxide gas was being released into the air. CBS News / [Read more](#)

### NIGERIA: NIMASA ALERTS OF CRUDE OIL SPILL ON EGINA OIL FIELD IN RIVERS

**November 23** - The Nigerian Maritime Administration and Safety Agency (NIMASA) has said that it was closely monitoring the crude oil spill incident, which occurred during loading operations in Egina FPSO in Port Harcourt, Rivers State.

In a press statement by the Head of Public Relations, NIMASA, Edward Osagie, he said the agency was working closely with the National Oil Spill Detection and Response Agency (NOSDRA) and Nigerian Upstream Petroleum Regulatory Commission (NUPRC) from the Crisis Management Room (CMR) on the incident. He said the agencies were monitoring the spill in real-time using oil spill monitoring software from the Emergency Response Center.

Though the volume of spill was not yet confirmed, TotalEnergies was providing aerial surveillance, dispersant application, while further mobilisation was being considered as the Oil Spill Response Limited from the United Kingdom was also assisting with pollution control measures. Leadership / [Read more](#)

**November 24** - TotalEnergies Confirms First Oil Leak at 2.3m Barrels Capacity Egina FPSO.

French oil and gas giant, TotalEnergies has confirmed the first crude oil leak at its 2.3 million storage capacity Egina Floating Production Storage and Offloading (FPSO) vessel, located in Port Harcourt, Rivers, stating that the incident had been contained.

The oil major in a terse message sent to THISDAY, yesterday, by its Country Communications Manager, Dr Charles Eberonwu, said the incident did not impact production at the five-year-old facility as well as the shoreline and host communities.

The said oil leak at the 200,000 barrels per day Egina FPSO had occurred on November 15 while crude was being loaded from the facility to a vessel, according to the Nigerian Maritime Administration and Safety Agency (NIMASA).

Eberonwu said the leak was a minor one and had been contained with appropriate remedial measures.

"This is not a massive leak and the sheen has been treated with the appropriate response that resulted in a reduction of most of it. No shoreline or communities have been impacted. Production has not been affected. This Day Live / [Read more](#)

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