



ISCO & THE ISCO NEWSLETTER

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

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

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INTERNATIONAL NEWS

CLICK ON THE BANNER BELOW FOR MORE INFORMATION



EUROPEAN LAKES HAVE ALARMING CONCENTRATIONS OF MICROPLASTIC POLLUTION THAN PREVIOUSLY THOUGHT

September 20 - There are larger concentrations of microplastic pollution in Lakes across Europe than scientists estimated in the past. As per a new study which was released on Tuesday in the journal PLOS Biology, the spread of plastic microparticles and synthetic fibers closely match up with nearby human activity and use of land.



Researchers trawled the surface waters of several European lakes for microplastics in the study. To recognize the chemical components of the plastic microparticles, they made use of both microscopes and spectral analysis. Making use of both formerly released data and a model designed to give an explanation of the outcomes of their trawling efforts, researchers roughly calculated the amounts of microplastic pollution discovered in every part of the entire freshwater lake system.

In addition to differences in microparticle concentrations with the use of land, there were five times smaller microparticles in lakes that have more active microorganisms.

This indicated that some naturally occurring species can help get rid of microparticle pollution. Potential studies are required to separate microorganisms from the natural environment and check how capable they are to degrade microplastics and fibres.

Nature World News / [Read more](#)

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(Members with special responsibilities in specified geographical areas)

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

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

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YOU ARE INVITED TO JOIN THE ISCO DISCUSSION GROUP ON LINKED-IN

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

MORE INTERNATIONAL NEWS IN BRIEF

IPIECA SUSTAINABILITY REPORTING SURVEY 2021 RESULTS NOW AVAILABLE

September 21 - The annual IPIECA sustainability reporting survey identifies trends in the sustainability reporting practices of IPIECA member companies. The results provide an overview of current practices, identify widely used performance indicators and emerging trends, allow companies to learn from their peers, and improve industry communication around sustainability issues. [Key findings from the 2021 survey](#)

WILDLIFE RESPONSE, WITH A FOCUS ON THE MEDITERRANEAN, PRESENTED TO MOIG MEMBERS

September 22 - On 21 September, Sea Alarm successfully collaborated with Oil Spill Response Limited (OSRL) to deliver a webinar for the Mediterranean Oil Industry Group (MOIG) on Tiered Preparedness for Wildlife Response in the Mediterranean Region.

Over 25 representatives from Mediterranean oil companies and authorities attended to learn more about the current limited status of wildlife response preparedness in the Mediterranean Region, which is considered a biodiversity hotspot with an increasing risk of oil spills due to growing human activities such as maritime traffic and oil and gas activities. The recent oil spill in Israel and Lebanon in February 2021 was a reminder of the presence of this risk in the Mediterranean.

In this context, **MOIG** Members were introduced to wildlife response and existing good practice principles and tools to develop Tier-1 and Tier-2 preparedness. Sea Alarm together with OSRL stressed the need to invest into preparedness in order to develop in-country capabilities. **OSRL** also took the opportunity to present their Tier-3 wildlife response services including the **Sea Alarm Technical Advisory role**, the Wildlife Equipment Packages as well as the proposed GOWRS Assessment Team Service. Sea Alarm / [Read more](#)

NEWS REPORTS FROM AROUND THE WORLD

ANGOLA: GEF COUNCIL APPROVES PROJECT TO BOLSTER MANAGEMENT AND RESILIENCE OF CONSERVATION AREAS

September 21 - The Global Environment Facility (GEF) Council has approved a \$41.3 million seven-year project (2021-2028) to strengthen the resilience of Angola's local communities and ecosystems to climate change and support the management of two national parks: the Luengue-Luiana National Park (part of the Kavango-Zambezi Transfrontier Conservation Area) and Iona National Park (part of the Iona-Skeleton Coast Transfrontier Conservation Area).

The project will support the management of nearly 3.8 million hectares of terrestrial Protected Areas, place 35,000 hectares of community lands under climate-resilient management and enhance protection for 17 endangered wildlife species. It will benefit 38,000 people, of which 14,000 will have enhanced capacity to identify climate risks and engage in adaptation measures. At least 250,000 others are projected to benefit indirectly. The GEF / [Read more](#)

BRAZIL: IBAMA TO HOLD NOVEMBER 2021 EVENT ON ENVIRONMENTAL INFORMATION



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September 23 - In November, the Brazilian Institute of the Environment and Renewable Natural Resources (IBAMA) will hold the CTF/APP Seminar: Sisnama and the Value of Environmental Information. The event will include round tables and lectures on topics such as Green GDP, Environmental Accounts, the National Environment Information System (Sinima) and data integration, among other topics. The priority target audience is the environmental administration servers in the three spheres of government and also researchers and interested in the subject. Registration will open in October. IBAMA / [Read more](#)

CANADA: NEWFOUNDLAND AND LABRADOR ENVIRONMENTAL INDUSTRY ASSOCIATION (NEIA) REBRANDS TO BECOME ECONEXT



September 16 - On September 16, 2021 the Newfoundland and Labrador Environmental Industry Association (NEIA) rebranded to Econext. The NEIA website will no longer be maintained, but will remain intact while we migrate all of our resources to the new site.

The Newfoundland and Labrador Environmental Industry Association (NEIA) is rebranding to reflect its evolution as an association and its continued work to grow and support the green economy in the province. As Econext the association will accelerate clean growth in Newfoundland and Labrador.

“We have seen and proven that our association can play a substantial role in helping the province to realize sustainable development opportunities,”

says Ashley Noseworthy, CEO of EDGEWISE Environmental and econext’s Chair. “But over the past two years we have also come to recognize that we needed a brand that would allow us convey that excitement and continual pursuit. A brand that would help us draw more attention to what is happening here on national and international stages.”

econext is an association of businesses that accelerates clean growth in Newfoundland and Labrador. *econext* works on behalf of over 200 members to foster environmentally sustainable economic development. ECONEXT / [Read more](#)

CHILE: BEACH CLEANING CARRIED OUT IN SAN JUAN DE LA COSTA

September 22 - In the commemoration of the "International Beach Cleanup Day", 20 volunteers among students and teachers of the Rural School of Bahía Mansa, officials of the National Fisheries Service Osorn Office and staff of the Department of Environment of the Municipality of San Juan de la Costa, with the support of the naval staff of the Mayor's Office of Mar de Bahía Mansa, on Tuesday 21, carried out cleaning on the beach and esplanade of "Maicolpué Central", located in the Commune of San Juan de la Costa. Directemar / [Read more](#)

CROATIA & ITALY: PEPSEA PROJECT MEETING IN BARI

September 22 - ATRAC participated in the public meeting “Fighting together against marine pollution” within the PEPSEA Project on September 15, 2021, in Bari, Italy. The meeting was successfully organized by the Chamber of Commerce Bari in a hybrid form: in the hall of the Chamber for project partners and in an online form for interested institutions and other stakeholders of the project. Project partners presented the implemented activities at the Pilot locations, Kaštela Bay, Canal of Saint Ante, Sali Bay, and the Delta of river Po, as well as planned activities until the end of the Project. By the end of this year, ATRAC will develop an education program according to which trainings will be held at the pilot location during February and March next year. The trainings will include key content in the field of preparedness and response to sudden pollution of the marine environment.

On the next day, September 16, 2021, a meeting of the Project Steering Committee was held to discuss all aspects of the PEPSEA project in order to successfully implement ongoing and remaining project activities.

<http://atrac.hr/en/pepsea-project-meeting-in-bari>

CZECH REPUBLIC: POLLUTION OF THE BEČVA RIVER: MEPS CRITICISE THE COLLECTION AND ANALYSIS OF SAMPLES

September 20 - A year ago, on 20 September 2020, the Bečva River in Moravia was contaminated with cyanide. It was the worst ecological disaster in the Czech Republic in decades, with pollution killing all living organisms along a 40 km stretch of the river, including more than 40,000 fish. In its report published on Monday, a parliamentary committee criticised the procedure for taking and analysing water and fish samples carried out immediately after the accident by regional authorities. According to MEPs, the action of the employees of the Czech Environmental Inspectorate has not been fast and effective enough. Radio Prague / [Read more](#)

DENMARK: DATA SOURCES FOR ENVIRONMENTALLY HAZARDOUS POLLUTANTS IN SURFACE WATERS

September 22 - The Danish Environmental Protection Agency has just put the project "Uncovering data sources for environmentally hazardous pollutants in surface water" out to public tender. Danish EPA / [Read more](#)

ESTONIA: TRAINING FOR ADVANCED OILED WILDLIFE RESPONDERS

September 24 - EUROWA network member Wildlife Rescue Centre Ostend (WRCO) delivered an ADVANCED oiled wildlife responder training in Estonia from 16 to 19th September.

The course was organised by Agni Kaldma (EUROWA technical expert, also affiliated with the Estonian Fund for Nature, ELF) and the Estonian Ministry of Environment through the INTERREG OIL SPILL project, as part of a drive to maintain and improve Estonia's preparedness for oil spills that could threaten wildlife. The focus of the OIL SPILL project is to strengthen oil spill response capability in nearshore and coastal areas of the Baltic Sea by enhancing cooperation structures, procedures and skills between the relevant stakeholders. Eurowa / [Read more](#)

GREECE: GLOBAL VOLUNTARY BEACH CLEANUP BEGINS



September 20 - Every year we produce more than 350 million tons of plastic (about as much as the total weight of people on earth!). Most of the litter that ends up in the sea is single-use plastics and if we continue to pollute at the same rate, it is estimated that in 2050 there will be more plastic than fish in the oceans.

For 31 years, HELMEPA, as National Coordinator, coordinates again this year the Global Voluntary Beach Clean-up in Greece, the largest voluntary event of its kind in the world, with over 14 million volunteers worldwide.

With the central message "I take part, I become the solution", the initiative will last in Greece from September 18 to October 31, 2021 and is open to the public, to those who want to take action by symbolically cleaning a coast or part of the seabed from the waste. Last year, even with the pandemic restrictions, over 2.3 million tons of waste were collected and about 80,000 kilometers of coastline were covered worldwide.

The process is simple. Fill in the registration form and receive instructions from HELMEPA for the safe organization of the action, as well as the electronic poster of the campaign. In addition, you will receive the Waste Log Card in order to contribute to the scientific study of the waste found on our coasts and seas. Alternatively, you can use the Clean Swellmobile app for greater convenience. After the action, you send us the completed Bulletin and photos to display it in our network. Also, our ardent supporters are given the opportunity to adopt a beach in cooperation with the Local Government and clean it at least 2 times a year.

Global Coordinator of the initiative is the American NGO Ocean Conservancy, National Coordinator the Hellenic Marine Environment Protection Association - HELMEPA and is implemented with the technical support of the Hellenic Recovery Recycling Society (HERRCo). HELMEPA / [Read more](#)

MAURITIUS: NATIONAL WORKSHOP ON LIABILITY AND COMPENSATION

September 17 - At the invitation of the Ministry of Blue Economy, Marine Resources, Fisheries & Shipping of Mauritius, the IOPC Funds ran an online workshop from 16 to 17 September 2021 on liability and compensation following an oil spill from a tanker.

Mauritius is Party to the 1992 Civil Liability Convention and the 1992 Fund Convention. IOPC Funds / [Read more](#)

THE NETHERLANDS: Q&A: ENVIRONMENTAL REGULATION IN NETHERLANDS

September 25 - A Q&A guide to environmental regulation in Netherlands, including the main governing regulation, protection laws, liability for environmental damage and more. Please login or register to continue reading. Lexology / [Read more](#)

NIGERIA: HOUSE WANTS AGIP TO CONTAIN OIL SPILL IN NIGER DELTA



September 24 - The House of Representatives has called on the Nigerian Agip Oil Company to immediately ensure the stoppage of the oil and gas leakages on pipelines passing through the Federal College of Education (Technical), Omoku in Rivers State, to avoid endangering the lives and property of the people living in the Niger Delta region. The House also called on the company to investigate and unravel the causes of the leakages to avert future occurrences of the release of hazardous substances to the environment.

It further called on the National Oil Spill Detection and Response Agency (NOSDRA) to immediately visit the affected area and liaise with the company to stop the flow from the pipelines to the neighbourhood.

The resolutions were sequel to the adoption of a motion sponsored by Hon. Nnam Obi Uchechukwu at the plenary yesterday. This Day / [Read more](#)

PHILIPPINES: UP VISAYAS SCIENTISTS MONITOR ENVIRONMENTAL IMPACT OF ILOILO & GUIMARAS OIL SPILL AREAS

Photo: Some of the oil-contaminated waste collected along a mangrove area in Iloilo City after the July 3, 2020 oil spill from a damaged power barge. (Tara Yap/File/Manila Bulletin)

September 21 - More than a year after a power barge caused an oil spill, scientists from University of the Philippines (UP Visayas) are monitoring the environmental impact at the coastal areas of both Iloilo City and Guimaras province.

The UP Visayas and UP Visayas Foundation Inc. has a created a team led by Dr. Resurreccion "Rex" Sadaba to quarterly assess and monitor the environmental impact after oil leaked out from the power barge that was damaged by an explosion incident in Iloilo City last July 2020.



The power barge owned by AC Energy Corp., a subsidiary of the Ayala group, initially just affected the coastal villages in Iloilo City including Barangays Bo. Obrero and Loboc. But the water current of Iloilo Strait swept the oil spillage to coastal villages of Jordan and Buenavista towns in Guimaras province. Manila Bulletin / [Read more](#)

SPAIN: EMSA'S REMOTELY PILOTED AIRCRAFT ARE ASSISTING SPANISH AUTHORITIES IN ACTIVELY MONITORING SULPHUR EMISSIONS FROM SHIPS TRANSITING THE BUSY STRAIT OF GIBRALTAR

September 21 - Over the summer EMSA's remotely piloted aircraft have been monitoring the level of sulphur oxides released by ships transiting the Strait of Gibraltar, one of the world's busiest shipping lanes. The operation carried out by the Spanish General Directorate of Merchant Marine – under the direction of the Spanish Ministry of Transport, Mobility and Urban Agenda – marks the

first time these emissions have been monitored by drone outside the special designated emission control areas in Northern Europe. The flights have been in operation since mid-July from a base in Tarifa and will continue until the end of October.



The project designed to test the effectiveness of drones in measuring pollutant emissions from ships was set up by the Spanish Ministry of Transport, Mobility and Urban Agenda (MITMA), in collaboration with the Algeciras Maritime Captainty and the General Directorate of Merchant Marine. Using EMSA's remotely piloted aircraft systems (RPAS), the goal is to detect sulphur oxide emissions above a certain level indicating a possible breach of the International Convention on Maritime Pollution (MARPOL – Annex VI). The current limit for sulphur oxide in ship fuels is 0.50% by mass.

The aircraft used is a CAMCOPTER® S100 and it is under contract to EMSA from the consortium of Nordic Unmanned, Norce and UMS Skeldar. It has several features making it a useful tool for the service, including the ability to take off and land vertically from an area less than 25 square meters, flight endurance of over six hours and a range of more than 100 km. To help detect the gases generated by fuel combustion and expelled through ship funnels, the aircraft is equipped with gas sensors and cameras that cover both optical and infrared spectral ranges. EMSA / [Read more](#)

UK: LONDON'S TOP RESTAURANTS ARE NOW USING OYSTERS FROM THE THAMES RATHER THAN SHIPPING THEM IN FROM ABROAD

September 22 - It might not be the first place you think your oysters are coming from. The River Thames, despite appearances and its reputation, is actually teeming with wildlife.

The thriving seals show how far the recovery of the Thames has come since it was declared "biologically dead" in the 1950s. As a result of improvements to river water quality, oyster beds have been reintroduced into river estuaries in Essex and around the Kent coast. My London / [Read more](#)

UK: OIL AND GAS: ENVIRONMENTAL ALERTS AND INCIDENT REPORTING INCLUDING ANONYMOUS REPORTING

September 22 - Environmental Alert Notices - The Department for Business, Energy and Industrial Strategy regularly issues environmental alert notices in order to raise awareness of any environmental issues on the United Kingdom Continental Shelf (UKCS) so companies can respond appropriately. They are issued directly to Oil and Gas operators and published online.

[View the latest Environmental Alert Notices](#)

Reporting incidents to Integrated Reporting Service (IRS) - IRS is a service hosted within the United Kingdom Energy Portal.

[Editor – This site gives very comprehensive information, instructions and guidance on incident reporting in UK waters]

To access and download - <https://www.marketscreener.com/news/latest/Oil-and-gas-environmental-alerts-and-incident-reporting-including-anonymous-reporting--36484601/>

USA: LATEST NEWS REPORTS FROM NOAA OR&R

September 19 – Please click on the links below to download and read the latest News Reports from NOAA OR&R

[Virtual Southeast Resource Advisor Training](#)

After much planning, preparation, and even a postponement due to Hurricane Ida, the Office of Response and Restoration held a pilot virtual Southeast Resource Advisor Training. So what is a Resource Advisor anyhow?

[Geographic Response Strategies](#)

A U.S. Coast Guard-led planning team which included Alaska Department of Environmental Conservation, NOAA Scientific Support Coordinator, and University of Alaska Arctic Research Institute, that traveled to Kodiak to evaluate oil spill response Geographic Response Strategies or GRS.

[OR&R's Michel Gielazyn Selected for EPA Superfund Award](#)

This week OR&R's Dr. Michel Gielazyn of the Assessment and Restoration Division was part of a multidisciplinary team selected to receive the EPA's "Superfund Advancing Innovations and Sustainability in Cleanup Practice" Award for her work at the [Kerr-McGee Navassa site in North Carolina](#).

[Dolphin Research Project Selected for NOAA RESTORE Science Program Funding](#)

This week NOAA's RESTORE Science Program awarded \$2.3 M in funding to 20 project teams to plan for actionable science in the Gulf of Mexico. As one of the project's co-investigators, ARD's Dr. Michel Gielazyn is helping to lead and examine the cumulative impacts of pollution on dolphins near Houston, Texas.

[Marine Mammal Management Workshop](#)

On September 8, 2021, two recently retired scientists from OR&R's Emergency Response Division gave invited virtual presentations at a workshop, Marine Mammal Management in Oil Spill Response, hosted by the Washington State Department of Ecology.

[Environmental Sensitivity Index \(ESI\) Program Holds Briefings for Congressional Staff](#)

OR&R staff held three briefings for all interested Congressional staff to introduce them to Environmental Sensitivity Index (ESI) maps and data, and explain their current status in different regions of the country. The presentations were led by Scott Lundgren, Director of NOAA OR&R, and Nicolle Rutherford, ESI Program Manager.

[Marine Debris Program Provides Briefing for Southeast Asian Government Representatives](#)

On September 9, Marine Debris Program staff provided a presentation on marine debris impacts to coastal and marine economies during a training for government representatives of Southeast Asian nations.

[Now Open: FY 2022 Grant Opportunity for Marine Debris Prevention Projects](#)

On September 13, the NOAA Marine Debris Program announced the FY 2022 notice of funding opportunity for Marine Debris Prevention projects. NOAA will fund prevention projects that actively engage and educate a target audience (such as students, teachers, industries, etc.) in hands-on programs designed to raise awareness, reduce barriers to marine debris prevention, and encourage and support changes in behaviors to ensure long-term prevention of marine debris. NOAA will also fund projects in the U.S.-Mexico and U.S.-Canada border regions, subject to additional eligibility criteria.

[Marine Debris Program Presents to Volunteer Coordinators of National Marine Sanctuaries](#)

On September 7, the Marine Debris Program's (MDP) Monitoring Coordinator Hillary Burgess presented on the [Marine Debris Monitoring and Assessment Project](#) to the volunteer coordinators of National Marine Sanctuaries.

USA: ALASKA - CLEANUP EFFORTS OVER F/V SAINT PATRICK OIL SPILL CONCLUDE

September 20 – The effort to contain oil spilled from a fishing boat that sank decades ago in Kodiak's Womens Bay has concluded. That's according to the Alaska Department of Environmental Conservation which released a statement Friday that all accessible voids within the hull of the former scallop boat Saint Patrick have been cleaned.

The spill was first reported on August 3, and the response effort kicked into high gear two days later as local residents reported seeing an oil sheen in the area. A double-boom was put in place, to create a perimeter around the site of the Saint Patrick to recover oil. Divers drilled holes into the vessel to access different areas, and collected oil directly within.

USA: NASA'S DELTA-X SUPPORTS DISASTER RESPONSE TRIGGERED BY HURRICANE IDA

September 21 - Researchers flying radar equipment over the coastal wetlands of Louisiana helped monitor the oil slicks in the Gulf of Mexico.

NASA's Delta-X project, which was responsible for the Mississippi River Delta research, was preparing to collect data on the Louisiana coastal wetlands when the extratropical cyclone Ida landed in late August. Storms (high-end Category 4 when landed near Port Forcheon, Louisiana on August 29) similarly damaged buildings and infrastructure, resulting in power outages, floods, and Oil film in the Gulf of Mexico. The National Oceanic and Atmospheric Administration (NOAA) regularly monitors the United States Coastal waters. Due to a potential spill, I noticed some slick tires that appeared just off the coast shortly after the hurricane. They were able to use Delta-X radar data to support the existence and location of these oil slicks. Florida News Times / [Read more](#)

USA: EPA ANNOUNCES 2021 SAFER CHOICE PARTNER OF THE YEAR AWARD WINNERS

September 22 - Today, the U.S. Environmental Protection Agency (EPA) is recognizing 33 Safer Choice Partner of the Year award winners across 16 states and the District of Columbia for achievement in the design, manufacture, selection, and use of products with safer chemicals, as part of Pollution Prevention Week.

The Safer Choice program helps consumers and purchasers for facilities, such as schools and office buildings, find products that perform and are safer for human health and the environment. This year's awardees have all shown a commitment to pollution prevention by reducing, eliminating, or preventing pollution at its source prior to recycling, treatment, or disposal. EPA / [More info](#)

USA: KEEPING TRASH OUT OF THE GREAT LAKES: EPA AWARDS OVER \$725,000 TO ADDRESS TRASH IN LAKES ERIE AND MICHIGAN

September 23 - City of Erie, Pennsylvania, and University of Wisconsin – Oshkosh to implement trash collection projects to reduce trash in Lake Erie and Lake Michigan.

Today, U.S. Environmental Protection Agency awarded University of Wisconsin - Oshkosh \$417,830 and the city of Erie, Pennsylvania \$309,300 to keep litter and trash out of Lakes Michigan and Erie. EPA provided the Trash-Free Waters Grants under the Great Lakes Restoration Initiative, or GLRI. EPA / [Read more](#)

USA: THE FIGHT AGAINST THE LINE 3 PIPELINE IN MINNESOTA

September 24 - The Shell River, named for the clams and mussels lining its riverbed, was only a few inches deep where it abutted the Central Minnesota encampment where Dawn Kier and her colleagues were living. From Kier's perch in a lawn chair near the water on a recent late-summer evening, the river looked calm as it flowed past swaying cattails and thin stands of wild rice nearly ripe enough for harvest. But Kier had a keen knowledge of the complexity beneath the surface.

"There's this whole water system underneath the riverbed," Kier explained, as dusk enveloped the canopy of pine trees overhead. "And there are cracks and fissures where the water comes up to the surface." She worried about what else might be seeping through those cracks, thanks to the construction of the Line 3 pipeline through the region by a Canadian oil company called Enbridge. Jacobin / [Read more](#)

USA: Q&A: ENVIRONMENTAL REGULATION IN USA

September 25 - A Q&A guide to environmental regulation in USA, including the main governing regulation, protection laws, liability for environmental damage and more.

Please login or register to continue reading. Lexology / [Read more](#)

PEOPLE IN THE NEWS

NEW DIRECTOR APPOINTED AT TEXAS A&M NATIONAL SPILL CONTROL SCHOOL



September 22 - Tim Gunter joined Texas A&M Corpus Christi as the 5th Director of the National Spill Control School in August of this year.

The National Spill Control School (NSCS) was established in 1977 and was named as a consulting, training, and research resource for the National Response Team in the Oil Pollution Act of 1990. The National Spill Control School offers specialized hands-on OSHA mandated training for professionals and workers for Oil and HAZMAT spills, in a broad range of exploration, production, and transportation industries, who deal with spill prevention, planning, and response.

The Director develops and coordinates initiatives with a wide range of local, state, national and international stakeholders, including industry, university faculty, staff, students, governmental agencies, and NGO's.

Prior to joining Texas, A&M Corpus Christi, Tim spent 4 years working at an oil and gas pipeline company and mobilized to incidents in North Dakota, South Dakota, Missouri, Michigan, and West Virginia. Previously to working in the industry, Tim spent most of his 20-year Coast Guard career focused on spill preparedness and response. He has an undergraduate degree in Civil Engineering, Master's in Environmental Management, MBA, and a doctorate in Educational Leadership. <https://www.tamucc.edu/research/nscc/>

NOTICE OF MEETING - ISCO AGM 2021

It is planned to hold the 2021 ISCO AGM on the 9th December 2021, the meeting will take the form of a virtual online meeting, and once again every member is very welcomed, the time will be confirmed following the issue of the AGM papers. In the meantime please make a note in your diaries and if you have any item for the AGM then please sent them to me by 30th September 2021 Neil Marson Secretary General (neilmarson@virginmedia.com)

YOUR INVITATION TO ISCO'S SEPTEMBER 2021 ZOOM MEETING

Our next ZOOM meeting will be on September 30th at 3 pm EDT Detroit, MI, USA (8 pm BST or the equivalent in your own time zone)

The link for joining the meeting is <https://us02web.zoom.us/j/5220550000> Meeting ID: 522 055 0000

The meeting will last for approximately one hour and the agenda will include

- Facebook company page
- LinkedIn
- Directory
- Clean Gulf to be held November November 16-18th in San Antonio, Texas. In person conference. (We need people to man booth).
- Issues raised by ISCO Member Dr Felicia Mogo - 1)The consideration for more practical actions the issues of chronic oil spill, 2)For consideration and and the need for the invitation of more proactive action the the stoppage of oil spill through sabotage by efforts to speak to the triggers. This may be handled the same way insecurity and piracy are being handled. 3) working hand in hand with the IOPC fund secretariat to ensure the popularization of procedure of claims management to ensure that victims are being adequately compensated together with the environment.

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

ISCO STUDENTS, TRAINEES & APPRENTICES CORRESPONDENCE PAGE

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

Download the application form at <https://spillcontrol.org/membership-application-form/>

Please note that Kayode Peter Balogun has been named head of the student group. He can be reached at balogunkayodepeter@yahoo.com, Mary Ann Dagleish (VP Membership) can be reached at mrydetroit@aol.com.

Member Profile and responses received from Larissa Montas –



Name, address, school - [University of Miami, ,1320 S Dixie Hwy, Coral Gables FL 33146](#)

Field of Study - [PhD Environmental Engineering](#)

What type of information you would like to request from our members in order to complete your studies?

[“My studies are almost complete and hopefully I will graduate next December. Once I finalize my dissertation write-up I have plans to write other research papers. I would be grateful if other ISCO members can provide feedback on the relevance of my planned research”.](#)

Possible ways you could assist ISCO?

[Help the organization grow promoting ISCO among other graduate students and professionals in my field.](#)

l.montas@umiami.edu

The following may be of interest to Student Members in China –

Global Cultural Adventurers (GCA), is an international education and culture exchange organization dedicated to assisting Chinese university students to take part in internship and education programs overseas. We have been running international programs in China for many years and cooperated with about 80 Chinese universities.

Recently, we are eager to find internship opportunities in the United Kingdom, because we are promoting the Internship Program for International Organizations for 2021-2022. We select excellent applicants to work as unpaid interns/volunteers in international organizations for 3-9 months. The applicants are all from prestigious Chinese universities with good English proficiency and comprehensive capacity, but different academic background. Most of them are second/third year undergraduate or graduate students, aging from 18 to 25 years old. Given the global pandemic, the internship can be done remotely. But when the situation gets better, we will do the local internship as well. For more info contact Becky at gcago1@gcago.com

ISCO STUDENTS, TRAINEES & APPRENTICES CORRESPONDENCE PAGE (CONTINUED)

Another item that may be of interest - The International Group of P&I Clubs and P&I Qualification Committee are pleased to announce the launch of an annual scholarship programme for those who are interested in embarking on a career in P&I and would like to take part in the highly successful P&I Qualification programme. <https://www.igpandi.org/article/pandiq-scholarship>

We will do our best to alert you about things that may be of interest to you and ask that you reciprocate by sending me info on events, opportunities, etc. that may be of interest to others and can be shared on this page. John.mcmurtrie@spillcontrol.org

PS. Our next ZOOM meeting will be Thursday, 30th September at 3 pm EDT (Detroit, MI USA). More info under "ISCO News". Hope you can all join us.

UPCOMING WEBINARS

SECONDARY CONTAINMENT – T.R.A.P.S. FOR BULK FUELS CONTAINMENT

Tuesday, September 28, 2021 Time: 11:00 a.m. EDT to Noon

The T.R.A.P.S. system is BCI's patented containment system that provides an alternative to full secondary containment of bulk fuels containment. Join BCI as we discuss the T.R.A.P.S. system, Florida approval for T.R.A.P.S over full volume secondary containment and other uses. The above is one of a series of webinars with a focus on secondary containment. For more info visit <https://www.basicconcepts.com/upcoming-events/>

TWO NEW WEBINARS FROM GI WACAF

Wednesday, September 29th - The international liability and compensation regime

Wednesday, October 13th - The compensation claim process in case of an oil spill

For both episodes, there are **2 sessions of 60 to 75 minutes each: one in the morning at 10:00 am (GMT+1) in French and one in the afternoon at 2:00 pm (GMT+1) in English**. Do not hesitate to register, and please share the following links among your network: all GI WACAF webinars are free and open to everyone!

Registration links:

- The international liability and compensation regime, in English (at 2:00 pm GMT+1 on 29/09/2021): <https://event.webinarjam.com/register/50/n6kznt55>
- The international liability and compensation regime, in French (at 10:00 am GMT+1 on 29/09/2021): <https://event.webinarjam.com/register/51/517kqunk>
- How to claim for compensation in case of an oil spill? In English (at 2:00 pm GMT+1 on 13/10/2021): <https://event.webinarjam.com/register/52/zkq4va70>
- How to claim for compensation in case of an oil spill? In French (at 10:00 am GMT+1 on 13/10/2021): <https://event.webinarjam.com/register/53/gq3n5s65>

Please visit our [website](#) to find more information about upcoming webinars and watch the replay of previous sessions!

La série de webinaires du GI WACAF sur la préparation et la lutte en cas de déversement d'hydrocarbures continue avec **deux nouveaux épisodes** consacrés à : (1) le régime international de responsabilité et d'indemnisation – qui sera diffusé le **mercredi 29 septembre** ; et (2) le processus de demande d'indemnisation pour les dommages dus à la pollution par les hydrocarbures – qui sera diffusé le **mercredi 13 octobre**.

Pour chaque épisode, il y a **2 sessions de 60 à 75 minutes chacune : une le matin à 10h00 GMT+1 en français et une l'après-midi à 14h00 GMT+1 en anglais**. N'hésitez pas à vous inscrire, et partagez ces liens avec votre réseau : tous les webinaires du GI WACAF sont gratuits et ouverts à tous !

Liens pour s'inscrire :

- Le régime international de responsabilité et d'indemnisation, en français (à 10h00 GMT+1 le 29/09/2021): <https://event.webinarjam.com/register/51/517kqunk>
- Le régime international de responsabilité et d'indemnisation, en anglais (à 14h00 GMT+1 le 29/09/2021): <https://event.webinarjam.com/register/50/n6kznt55>
- Comment soumettre une demande d'indemnisation pour les dommages dus à la pollution par les hydrocarbures ? En français (à 10h00 GMT+1 le 13/10/2021): <https://event.webinarjam.com/register/53/gq3n5s65>
- Comment soumettre une demande d'indemnisation pour les dommages dus à la pollution par les hydrocarbures ? En anglais (à 14h00 GMT+1 le 13/10/2021): <https://event.webinarjam.com/register/52/zkq4va70>

Vous pouvez aussi consulter notre [site internet](#) pour vous tenir informés des prochains webinaires programmés ou revoir les enregistrements des sessions précédentes.

UPCOMING WEBINARS (CONTINUED)

EXXONMOBIL OIL SPILL RESPONSE KNOWLEDGE TRANSFER WEBINARS 3 - 5

Please join us for the next three months' webinars as follows:

Webinar 3: October 5th 2021; Guest speaker – Stephen Lehmann; Topic - Oil Spills and Human Perception, Case Studies, Mistakes and Successes

Webinar 4: November 2nd 2021; Guest speaker – Ed Owens; Topic - What we really do on an oiled shoreline response

Webinar 5: December 7th 2021; Round-table discussion of stories during spills by Alan Allen, Ann Hayward Walker, Stephen Lehmann, and Ed Owens

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

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

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

Tuesday, 5 October 10:00 AM (BST) - free webinar - Phase 4 – Tactical planning during the incident

Phase 4 - Once life-saving activities have been conducted and the responders have the necessary preliminary information about the incident, phase 4 begins with tactical planning on how to implement the plan. This webinar will include resource considerations such as personal protective equipment (PPE) required and the importance of a decontamination strategy. The panel will then discuss how to contain and control the substance, set up an environmental protection plan, stabilise the scene and the critical role played by the Hazmat Advisor. [More info](#)

WEBINARS FROM THE UK & IRELAND SPILL ASSOCIATION

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

Soil analysis is essential in planning any ground remediation project. Its aim is to find out the condition of the soils that may be affected by the contamination, where the contamination is worst, the extent of it and its depth. It is also essential to know the type of soils affected, the type of contamination, to find out if there is any pre-existing contamination and also in a separate area to the contamination what the pre-incident soil conditions are. This information is obtained by sampling and for this, there will be a mix of hand sampling but also drill rig sampling. The information that samples give will enable remedial action to be planned and a risk assessment of the options involved can be presented and agreed upon before any intrusive work is conducted.

This webinar looks at sampling; how to manually take soil samples, how to use augers for shallow samples but then for deeper samples how to use drill rigs and important what to specify when planning the sampling work.

Then there is the soil analysis which is key to writing the plan. There are a lot of soil sampling options available from UKAS accredited laboratories. We hear from a laboratory about how to prepare to take samples, how to take them, how to record what was taken and where and the movement of them through to analysis and reporting. We will touch on what to tell the lab so that they can ensure they do the best job for you.

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

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

ONLINE AND OTHER TRAINING COURSES

SOME USEFUL LINKS

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

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

CERTIFICATE IN MARITIME SAFETY MANAGEMENT AND THE ISM CODE

Starts 29 September 2021 | 12 weeks | 100% online | Lloyds Maritime Academy | [More info & registration](#)

TUNISIA: IMO OPRC LEVEL 2 TRAINING COURSE

November 9-11 - The Mediterranean Oil Industry Group (MOIG) and the Adriatic Training and Research Centre for Accidental Marine Pollution Preparedness and Response (ATRAC) are very pleased to invite you to IMO OPRC level 2 training course; which will be held from 09 to 11 November 2021 at Iberostar Averroes Hotel in South Hammamet-Tunisia.

The event will be open on Tuesday; 09 November 2021 at 09:00 am and expected to close on Thursday, 11 November 2021 at 13:15 pm. It will be animated by Mr. Vedran Martinic, ATRAC Director, Ms. Anja Pilepic and Mr. Marko Dordevic; Marine Environment Protection Associates.

The training course will be dedicated to Supervisors and On-Scene Commanders and its overall objective is to prepare them to coordinate and manage the response to an oil spill. The training course therefore aims at informing senior officials, designated to act as Supervisors/On-Scene Commanders during spill response operations, on the responsibilities of the members of an oil spill response organization; and on how to effectively respond to an oil spill through the deployment of equipment and resources at Regional or National levels.

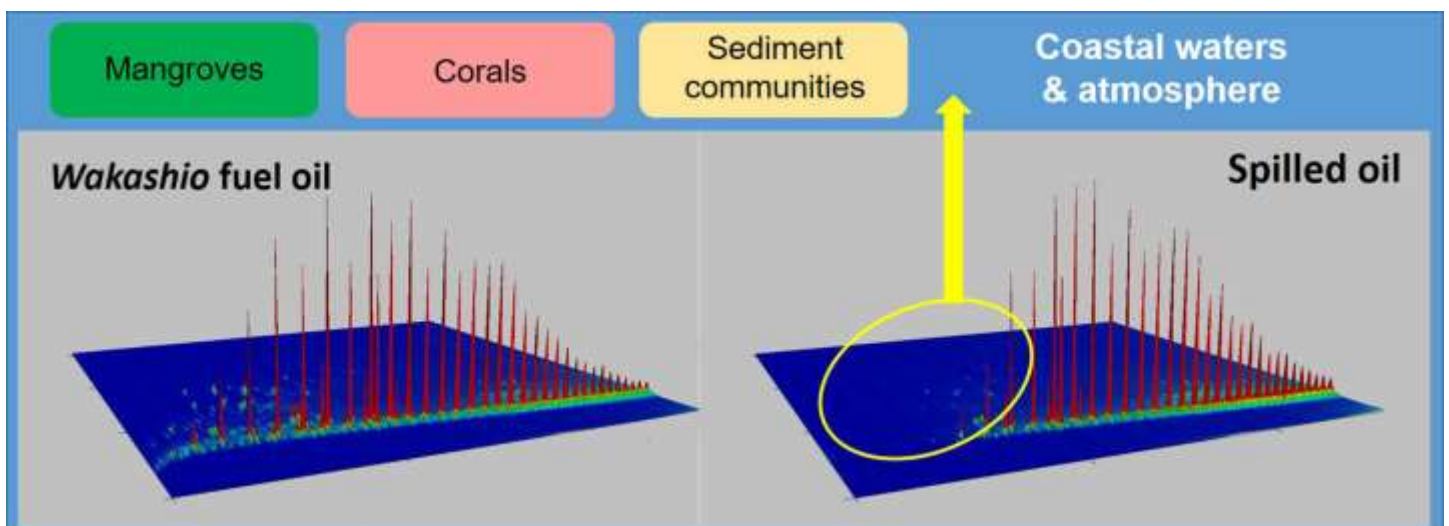
The [Training Programme](#) is available on line for your reference. The working language will be English.

In order to enable MOIG to have all logistic arrangements made on time, it would be appreciated if you could have the online [Registration Form](#) completed and returned by Mail to houcine.mejri@moig.org.tn or by Fax at: +216 71 888 439 at your earliest convenience; preferably before 21 October 2021.

We would like to bring your kind attention that participants who wish to attend the training course shall be vaccinated against Corona Virus. In addition, MOIG and Iberostar Averroes Hotel will put in place the necessary preventive measures namely the respect of distancing, the wearing of masks and the use of hydro-alcoholic gel in the conference room, in order to ensure the maximum safety of participants. Whilst looking forward to meeting you in this training course, please do not hesitate to contact MOIG secretariat for any further information.

SCIENCE & TECHNOLOGY

MAURITIUS INCIDENT WAS WORLD'S FIRST MAJOR SPILL OF VERY LOW SULFUR FUEL OIL



Graphical abstract. Credit: DOI: 10.1016/j.marpolbul.2021.112917

September 7 - A year after bulk carrier MV Wakashio ran aground in an environmentally sensitive area off Mauritius, Curtin University-led research has identified the incident as the first known spillage involving a new type of marine fuel oil.

SCIENCE & TECHNOLOGY

The paper, "MV Wakashio grounding incident in Mauritius 2020: the world's first major spillage of Very Low Sulfur Fuel Oil," was published in Marine Pollution Bulletin

Dr. Alan Scarlett, lead author from the WA Organic and Isotope Geochemistry Centre in Curtin's School of Earth and Planetary Sciences, said the ship reportedly spilled 1000 tons of fuel oil but, until now, no chemical analysis of that oil had been published.

"Since the grounding of the Wakashio on a coral reef, there has been much speculation in the media about what oil was spilled, including headlines about so-called 'Frankenstein fuels,' so we wanted to obtain a sample for research and analysis," Dr. Scarlett said.

"We obtained a sample of oily residue from the Mauritius coastline about eight kilometers from the grounded vessel, along with a sample of the Wakashio's fuel oil, and using a suite of sophisticated chemical and isotopic analyses, were able to confirm the spilled oil originated from the fuel tanks of the Wakashio.

"We also found that this was a new class of marine fuel termed a Very Low Sulfur Fuel Oil, which were made mandatory by the International Maritime Organisation (IMO) from January 2020 to reduce harmful emissions from typically sulfur-rich heavy fuel oils."

In conjunction with researchers at Woods Hole Oceanographic Institution, the Curtin team was also able to obtain a unique 'signature' of the spilled oil, which will help with tracking the oil in the future and distinguish it from past and future spills of oil around the island nation. Phys Org / [Read more](#)

Editor - See also <https://www.sciencedirect.com/science/article/pii/S0025326X21009516> - The paper published by Elsevier in *The Marine Pollution Bulletin* can be viewed on this site.

UPCOMING EVENTS

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

Your Editor is doing his best to keep this listing up-to-date but it should not be assumed that listed events have not been cancelled or postponed. It is recommended that you check with event organisers before finalising your attendance plans.

If an event title is not printed in blue ink it is not hyperlinked to the event website. This may be because the website is not yet available or because the link for the website has not yet been given.

If you want to request the addition of an event please contact the Editor.

For more information click on Title of Event			
COUNTRY	2021	TITLE OF EVENT	LOCATION
UK	Sept 29 – Oct 1	Marine Claims Conference	Edinburgh
UK	October 12-14	Ocean Business 2021	Southampton
UK / VIRTUAL	October 13-14	Water, Wastewater and Environmental Monitoring	Online
AUSTRALIA	October 18-21	Ecoforum 2021 Conference	Sydney
GERMANY	October 20	HELCOM Ministerial Meeting	Lübeck
UK / VIRTUAL	Nov. 1-5	Meetings of IOPC Funds' governing bodies.	Online
TUNISIA	Nov. 9-11	IMO OPRC Level 2 training course	South Hammamet
USA	Nov. 16-18	Clean Gulf Conference & Exhibition	San Antonio, TX
VIRTUAL EVENT	Nov. 17-18	Emergency Responders Drone Conference 2021	Online
VIRTUAL EVENT	Nov. 22-26	IMO Marine Environment Protection Committee	Online
SWEDEN/VIRTUAL	Nov. 24-25	National Conference on Oil Damage Protection 2021	Karlskrona
UK	December 1-2	Salvage and Wreck Removal Conference	London
CAMBODIA	December 1-4	East Asian Seas Congress	Sihanoukville
COUNTRY	2022	TITLE OF EVENT	LOCATION
UK	March 15-17	Oceanology International	London
AUSTRALIA	May 16-19	APPEA Conference and Exhibition	Brisbane
USA	June 7-9	Elastec's Spring 2022 Oil Spill Workshop	Carmi, IL
NETHERLANDS	June 21-23	Interspill Conference and Exhibition	Amsterdam
USA	October 4-6	Elastec's Fall 2022 Oil Spill Workshop	Carmi IL
BAHRAIN	October 11-13	International Conference & Exhibition on Spills, Clean Seas & Environment	Bahrein
CROATIA	October 25-27	Regional Workshop – Enhancing Preparedness and Response in the Adriatic & Mediterranean Regions	Opatija

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

MESSAGES FROM EVENT ORGANISERS

USA: CLEAN GULF CONFERENCE & EXHIBITION IS LESS THAN TWO MONTHS AWAY

We've waited 2 years to get together face-to-face and in just under 8 weeks, the CLEAN GULF Conference & Exhibition will return to the Henry B. Gonzalez Convention Center in San Antonio, TX. We are grateful for the continued support of the spill prevention and response industry, and we cannot wait to reunite this community and celebrate 30 years of CLEAN GULF!

CONFERENCE PROGRAM: We have 21 sessions scheduled in 7 conference tracks, with a diverse group of industry experts lined up to speak. Conference tracks include: Business Continuity in Disaster/Crisis, Response & Restoration, Planning & Preparedness, Training & Exercises Best Management Practices, Research, New & Advanced Response Tools & Techniques, and Current Industry Concerns.

EXHIBIT FLOOR: Our exhibit floor includes 100+ exhibitors featuring products and services such as chemical detection, compliance solutions, containment equipment, data processing, disaster communication, drones, surveillance technologies, incident software, in situ burn products, response software, restoration tools, risk analysis, safety equipment, skimmers, swiftwater boom, waste disposal and much more!

NETWORKING: Networking is the #1 reason people attend CLEAN GULF each year and we've made sure to include as much time as possible to network at this year's event! Networking activities all take place on the exhibit floor and include 3 networking breaks, lunch and a welcome reception serving lite bites and drinks.

Please see last week's newsletter to see programme.

[Register now](#) for the 2021 CLEAN GULF Conference & Exhibition

In an effort to maintain the health and well-being of our attendees, exhibitors and sponsors, CLEAN GULF is committed to following the guidelines put in place by the CDC, the U.S. Travel Association and at the city and state levels. We will update participants on specific safety measures before we go onsite.

EXHIBITING AND SPONSORING OPPORTUNITIES

The CLEAN GULF exhibit floor is already almost 80% sold out. Act now to secure your exhibit space or sponsorship before your competition beats you to it. [Click here](#) for details or contact Renie Mayfield at 713-343-1895 or rmayfield@accessintel.com.

UK: ENERGY INSURANCE LONDON

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

SWEDEN: NATIONAL OIL SPILL CONFERENCE 2021

The annual National Oil Spill Conference in Sweden will be held in a hybrid version virtually and in Karlskrona in Sweden 24-25 November. The conference will be held in Swedish. [More info](#)

EUROPE - CALL FOR PAPERS INTERSPILL 2022

The Interspill Committee announces the preliminary programme together with the Call for Papers for Interspill 2022 and invites authors to submit abstracts for consideration by **30 September 2021**. [More info](#)

CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES

INTERNATIONAL OPEN TENDER NOTIFICATION SERVICE

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

OTHER OPPORTUNITIES: USA & EUROPE

US Government solicitations are frequently posted in Technology Innovation News Survey, US EPA Tech Direct and USA Federal Contracts Update.

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

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

LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS

AMSA Update	Latest News from the Australian Maritime Safety Authority	Current issue
ATRAC Newsletter	News from the Adriatic Training and Research Centre	October 2020
BIMCO Bulletin	Marine and shipping-related news from BIMCO	June 2021
Newsletter from George Holliday	News and commentary on HSE issues from George Holliday	Free on request
Cedre Newsletter	News from Cedre in Brittany, France	July-August 2021
Eco Magazine	Reporting on ocean science, innovation and exploration	Free on request
EMSA Newsletter	News from the European Maritime Safety Agency	September 2021
Environmental Expert	Environmental News from Environmental Expert	Current issue
GDACS Newsletter	Daily alerts for natural disasters – earthquakes, floods, typhoons, etc.	Free on request
GEF Newsletter	Monthly Newsletter from the Global Environment Facility	Jul.–Aug. 2021
GESAMP	Group of Experts on the Scientific Aspects of Marine Environmental Protection	Latest news
GISEA Quarterly Newsletter	News from Global Initiative for South-East Asia	Q1 2021
IMO News Magazine	News from the International Maritime Organization	Summer 2021
IMO Publishing Newsletter	New and forthcoming IMO publications	September 2020
ITOPF Ocean Orbit	News magazine from ITOPF with interesting spill response articles	February 2021
JOIFF Catalyst Newsletter	Int'l Organisation for Industrial Hazard Management	Latest issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	Current issue
MED News	UNEP / MAP Barcelona Convention News	July 2021
MOIG Newsletter	News from the Mediterranean Oil Industry Group	September 2021
NCEC Newsletter	News from the National Chemical Emergency Centre	May 2021
Navigate Response	Global crisis communications network for shipping & marine	Current issue
NOAA OR&R	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
Oceanbuzz	Newsletter giving news on the Ocean Technology Industry	Current issue
OCIMF Newsletter	News from the Oil Companies International Marine Forum	Current issue
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Summer 2021
Oiled Wildlife Log	Bi-annual Newsletter from Tri-State Bird Rescue & Research	May 2021
PEMSEA Newsletter	Healthy oceans, people and economies in the East Asian Seas	Current issue
Pollution Online Newsletter	News for pollution prevention & control professionals	Current issue
Salvage World	Quarterly Newsletter of the International Salvage Union	Current issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Current issue
Society of Maritime Industries	News from the UK's maritime engineering and business services sector.	Current issue
Spill Alert	Quarterly Newsletter from UK & Ireland Spill Association	April 1, 2021
Technology Innovation News Survey	Quarterly Newsletter from UK & Ireland Spill Association	July 2021
The Marine Insurer	News from US EPA – Contaminated Site Decontamination	August 1-15, 2021
The Maritime Advocate	Includes latest news on pollution insurance matters	June 2021
UNEP News	Maritime News from Sandra Speares	Current issue
USA EPA Tech Direct	Latest News from United Nations Environmental Programme	Latest News
USA Federal Contract Opportunities	Remediation of contaminated soil and groundwater	Sept. 1, 2021
Water Pollution & Flood News	The authoritative source for federal contract opportunities	Current issue
	Monthly round-ups of UK & Worldwide Spill and Flood News	Free on request

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

JOB VACANCIES

IMO IS CURRENTLY SEEKING A TECHNICAL OFFICER

The Marine Environment Division of IMO is currently seeking a Technical Officer on oil pollution response related matters. The position is a P2-equivalent post on a three-month contract, subject to extension based on satisfactory performance. Please click on the following link for further information on the position and application process:

<https://imo-recruit.azurewebsites.net/vacancies/606>

REMPEC: CALL FOR APPLICATIONS FOR THE POSITION OF JUNIOR PROFESSIONAL OFFICER EXTENDED TO 31 OCTOBER 2021

<https://www.rempec.org/en/news-media/rempec-news/rempec-launch-the-recruitment-of-a-junior-programme-officer>

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