

## 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

PLEASE CLICK ON THE BANNERS BELOW FOR MORE INFORMATION



## UNITED NATIONS – REFORM IS OVERDUE

[Editor: UN chief António Guterres has described war as an “absurdity” in the 21st century. ISCO has often raised the issue of pollution and environmental damage caused by conflicts. A thought-provoking short article by George R. Mitchell highlights a UN reform that could make a big difference. Read summary below]

The United Nations is an intergovernmental organisation, set up in 1945, replacing the rather inadequate League of Nations. It currently has 193 member states in its ranks.

What is the purpose of the UN? Basically, to stop bad things from happening. To prevent genocide, atrocities, and to help when disaster strikes, be it caused by humans or environmental. We could call the UN, the world's police force. Yet with war and killing still on-going, some say that the UN has ultimately failed.

The UN Security Council consists of fifteen members. Ten of which are elected on a regional basis every couple of years. The other five members are permanent members. They are the USA, UK, Russia, China, France. This body, be under no illusion, is super powerful.

They basically decide what happens when conflict breaks out somewhere ie do we get involved or not. And, they all have that ultimate weapon of power. It's called the veto. And each country uses it to great effect, often I believe with the view of protecting its own 'interests.'

Surely this can't go on? Surely if a country which has a veto, then invades another country, it cannot then be allowed to veto a resolution on that particular issue? Think about it, it's actually ridiculous, but it's what happens time and time again.

The UN has done immense good. However, the way the Security Council is set up, with its individual veto, makes me conclude that under its current system, it's not fit for purpose.

The UN, in order to remain relevant in our ever-changing world, surely needs to change, or evolve?

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When I look at the state of the world, run by us humans, what I see is this. In the third decade of the 21st century we are not only ravaging the very planet we depend on for our survival, we are still bombing and killing each other. Will we ever learn?

When it comes to the way we humans treat our own planet and our fellow humans, I feel we have a long long way to go before we can call our species truly civilised.

Press & Journal / [Read the complete text of this short article by George R. Mitchell](#)

## MORE INTERNATIONAL & REGIONAL NEWS

### FSU SAFER OIL SPILL RISK REDUCTION UPDATES



*Image courtesy of IMO*

#### May 9 - UN says 'imminent' Yemen oil spill would cost \$20 bn to clean up

The United Nations warned Monday that it would cost \$20 billion to clean up an oil spill in the event of the "imminent" break-up of an oil tanker abandoned off Yemen.

"Our recent visit to (the FSO Safer) with technical experts indicates that the vessel is imminently going to break up," the UN humanitarian coordinator for Yemen, David Gressly, said ahead of a conference, hosted by the UN and The Netherlands, to raise funds for an emergency operation to prevent an oil spill. France 24 / [Read more](#)

#### May 11 - UN Raises a Third of the Money Needed to Remove Oil from FSO Safer

United Nations officials said on Wednesday, May 11, that they have now raised more than \$39 million in funding for their efforts to transfer the oil stored on the decaying FSO Safer and prevent a potential environmental disaster near Yemen and the Red Sea. The funding commitments came as the government of the Netherlands and the UN co-hosted a pledging event in the Hague.

The UN, however, is far short of its goal of raising \$144 million to implement the plan it agreed to with both the government of Yemen and the Houthi rebels that control the region in western Yemen where the vessel has been anchored for more than 30 years. In statements after the conference, the UN said it is hopeful for additional funding in the coming days. Among the nations committing to fund the effort are the Netherlands, Germany, Britain, Qatar, Sweden, Norway, Finland, France, Switzerland, and Luxembourg as well as the European Union. It was highlighted that many of the richest Arab nations, which have been supporting Yemen in the long-running civil war, did not make public pledges during the event but have privately indicated their support for the plan. The Maritime Executive / [Read more](#)

#### May 11 – IMO Secretary-General Kitack Lim supports action to avert FSO SAFER disaster

IMO Secretary-General Kitack Lim has urged support for a UN-coordinated plan to address the oil spill risks from the FSO SAFER, moored off Yemen. The plan calls for installing a long-term replacement for the decrepit tanker within an 18-month period, and an emergency operation to transfer the oil to a safe temporary vessel over four months, thus eliminating any immediate threat.

Kitack Lim, Secretary-General, International Maritime Organization, said: "In the face of an impending environmental disaster, we must do all we can to prevent it. We must act now". The International Maritime Organization (IMO) has been supporting contingency planning efforts in the region to mitigate the severity of impacts should there be a spill. Sea News / [Read more](#)

**OIL SPILL RESPONSE  
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**THE INTERNATIONAL GROUP’S COLLABORATIVE  
APPROACH TO DEALING WITH LARGE MARITIME  
CLAIMS AND SALVAGE & WRECK REMOVALS**

May 11 - Ben Harris, Chair of the International Group’s Salvage Committee and Sam Kendall-Marsden, Chair of the International Group’s Large Casualty Committee discuss the Group’s collective approach to dealing with large marine casualties. Specifically, how the Group plays an important part in achieving positive, sustainable solutions with regard to the marine environment, local communities and other stakeholders.

International Group of P&I Clubs / [View and listen to the discussions of how IG P&I deals with large maritime casualties](#)

**RAC/REMPEITC-CARIBE 10TH ORDINARY STEERING  
COMMITTEE MEETING**

May 10 - After two years of restrictions and only being able to conduct virtual activities due to the pandemic, the IMO’s Regional Activity Center/ Regional Marine Pollution Emergency Information and Training Center for the Wider Caribbean Region (RAC/REMPEITC-Caribe) is resuming its in-person activities. Within this framework, the 10th Ordinary Steering Committee Meeting will be held between May 18th -19th, 2022, at its headquarters in Willemstad, Curacao, with a full agenda that includes the review and completion of the RAC/REMPEITC-Caribe's Work Plan for 2022 – 2024, in addition to topics on MARPOL Convention Activities, Recommendations and Proposals /Sargassum Monitoring /GloLitter Project; the NCP/OPRC Convention Activities, Recommendations and Proposals in the countries of the Wider Caribbean Region; as well as in relation to Stony Coral Tissue Loss (SCTL ), Ballast Water Management (BWM) Convention Activities, Recommendations and Proposals. Presentations are also planned by the IMO on its Mission in support of the recent oil spill in Peru, as well as by regional organizations such as COCATRAM and maritime authorities of countries in the region such as Honduras and their activities in the framework of drills on oil spill control at their cruiseship ports in the Bay Islands. Details of the Provisional Agenda can be obtained on the RAC/REMPEITC-Caribe website: <http://www.racrempeitc.org/upcoming-activities>.

[Thanks to Carlos Sagraera, ISCO Representante América Latina, for kindly forwarding this news]

**EUROWA NETWORK HOLDS APRIL MEETING**



May 10 - For the first time since 2019, the EUROWA network was able to meet in person. Seventeen network members and technical experts, with Sea Alarm in its role as Secretariat, gathered in Ostend from 24-28 April. This allowed the group to delve into extended face to face discussions on a wide range of technical issues to further the mission of the EUROWA network.

The meeting, hosted by the [Wildlife Rescue Centre Ostend](#), was highlighted by an evening tour of their facility, which was attended by several key Belgian authorities, including the [Directorate-General for the Environment, Federal Public Service Health Food Chain Safety and Environment](#) and the [Flemish Institute of the Sea](#) This also gave these authorities the chance to meet attending EUROWA experts and members. Two formal sessions were held.

These Governance Committee and the General Assembly sessions were used to review progress on the EUROWA Work Plan and

## MORE INTERNATIONAL & REGIONAL NEWS (CONTINUED)

discuss management and completion of network activities. The group also held a tabletop exercise, using a spill incident in Estonia, working through their Standard Operating Procedure to understand how the network would respond collectively, in conjunction with local authorities, NGOs and other stakeholders. This exercise benefited from having new member network member [Eestimaa Looduse Fond \(Estonian Fund for Nature/ELF\)](#) in attendance to provide key local knowledge, making the exercise more realistic. EUROWA / [Read more](#)

## MAKING THE POLLUTER PAY: COMMISSION SEEKS VIEWS ON EU ENVIRONMENTAL LIABILITY LAWS

May 12 - Today, the Commission has launched an open public consultation as part of the evaluation of the Environmental Liability Directive the EU framework to prevent and remedy damage to land, water and biodiversity based on the 'polluter pays' principle. Under the Directive, operators have a legal responsibility to prevent and restore any environmental damage caused by their activities. The public consultation is open for feedback until 4 August 2022

Commissioner for Environment, Oceans and Fisheries Virginijus Sinkevičius said: "Many polluted sites in Europe remain today without proper cleaning up and further environmental remediation. In many cases, paying to repair the damage is done not by those responsible for it, but from the public purse, including EU funds. The Environmental Liability Directive is an essential law that helps prevent and fully repair ecological damage at the charge of those who have caused it. But we need to make sure the EU rules deliver to their full potential on our zero pollution ambition".

With this consultation, the Commission invites citizens and interested parties to express views on the implementation of the existing framework. This will feed into the evaluationSearch for available translations of the preceding link••• process of the Environmental Liability Directive, which will last for a year. The evaluation of the Directive is a legal requirement and will contribute to the EU's zero pollution ambitionSearch for available translations of the preceding link•••. It aims to improve national compliance with EU pollution prevention laws. European Commission / [Read more](#)

## NEWS REPORTS FROM AROUND THE WORLD

### AUSTRALIA: AMSA FOCUS ON THE IMPORTANCE OF MARINE INCIDENT REPORTING

May 9 - Over the coming months, we will be focusing our attention on the importance of marine incident reporting. Incident reporting is essential to maritime safety as it helps give us a more informed picture of the risks affecting the industry. By reporting, you can help us develop more effective safety strategies and advice for owners, operators, and crew to avoid similar occurrences in the future.

To make things easier to understand, we have made some changes to our website content and improvements to our incident reporting webforms 18 & 19 which will make reporting online easier. Find out more about the importance of incident reporting. [Marine incident reporting \(amsa.gov.au\)](#)

### CANADA: SOPF - WEBINAR UPDATE: HOW TO SUBMIT A CLAIM STEP-BY-STEP

May 9 - Thank you to everyone who tuned into our most recent webinar! You can now watch the recording on our YouTube channel. This webinar provides an overview of the questions you may have on:

- How to submit a claim using our new form
- What kinds of documentation are useful
- What a successful claim looks like

All the questions received during the webinar will be answered in a Q&A document published in the coming weeks. Any questions? Send us an email: [info@sopf.gc.ca](mailto:info@sopf.gc.ca).

### CANADA: GOVERNMENT LAUNCHES THIRD CALL FOR PROPOSALS UNDER THE GHOST GEAR FUND

May 13 - - The Government of Canada is working hard to protect our oceans and the marine life they sustain. Lost, abandoned and discarded fishing gear, or ghost gear, can stay in our water for hundreds of years, causing harm to marine mammals, fisheries, and habitats. Through the Ghost Gear Fund, the Government of Canada has been working with industry and other partners to rid our oceans of ghost gear and create new solutions to reduce fishing debris.

Today, the Minister of Fisheries, Oceans and the Canadian Coast Guard, the Honourable Joyce Murray, announced that Fisheries and Oceans Canada has launched a third call for proposals under the Ghost Gear Fund. The Department will provide up to \$10 million in funding under this latest call for proposals, and at least 10 per cent of the funding will go towards projects that are led by Indigenous organizations and communities. Government of Canada / [Read more](#)

## CHINA TESTS NEW SCIENTIFIC GUIDELINES TO RESTORE DEGRADED AND DAMAGED COASTAL AND MARINE ECOSYSTEMS

May 12 - As one of PEMSEA's country partners, China has been implementing integrated coastal management (ICM) since the early 1990s, including the promotion of marine ecological restoration.

Currently, China is pilot-testing the Technical Guidelines for Marine Ecological Restoration in Dongying and Qingdao.

Issued by the Ministry of Natural Resources in 2021, the guidelines aim to improve the scientific, standardized level of marine ecological restoration in China to restore damaged or degraded coastal and marine ecosystems and consequently improve the quality of services provided by these ecosystems.

To know more about China's efforts on sustainable coastal and marine resource development, check their country statement during the 7th East Asian Seas Ministerial Forum in 2021: <https://www.youtube.com/watch?v=p7cUsfUWWaE> PEMSEA / [Read more](#)

## DOMINICAN REPUBLIC: OCEAN RECOVERY GROUP ACHIEVES ZPO OCEAN-BOUND PLASTIC CERTIFICATIONS



May 9 - Ocean Recovery Group (ORG), a Florida based social-business enterprise that leverages over 100 years of recycling-industry experience to better collect, clean and recycle ocean-bound plastics has become the first United States-headquartered company to achieve Zero Plastic Oceans' distinguished Ocean-Bound Plastic Certifications for collection, recycling and neutralization.

"The Ocean-Bound Plastic Certification from Zero Plastic Oceans signals to our partners and stakeholders that our efforts to reduce ocean-bound plastics are certified, audited and sustainable," said Ocean Recovery Group President, Zachary Kirstein. "We are proud to bring recycling infrastructure to the Dominican Republic, a country currently only recycling 8% of its waste."

Ocean Recovery Group's La Vega, Dominican Republic, facility boasts state-of-the-art processing equipment including a 2-ram Max Pack Baler, 7 Vertical Balers and 2 complete plastics lines including a friction washer, shredders, sink tanks, steamers and pelletizers. The facility, which began processing in February 2022, also separates and bales PET, HDPE (natural and color), PP and LDPE plastics as well as cardboard and paper-grade recyclables. In 2022, Ocean Recovery Group's integrated-recycling operation goal is to collect, recycle and neutralize 12,000 Tons of ocean-bound plastic. *The Maritime Executive* / [Read more](#)

## FINLAND: FOUR-DAY EUROWA ADVANCED RESPONDER TRAINING HELD

May 10 - With travel restrictions easing, EUROWA has been able to resume some in-person training courses, continuing critical hands-on training that was put on hold during COVID. In March, twelve people from four countries attended the Advanced Responder course in Finland.



The course was hosted by WWF Finland and the Helsinki Zoo Wildlife Hospital, with classroom sessions held at the WWF offices and practical exercises taking place at the zoo. Claude Velter and Isabelle Allemeersch, of the Wildlife Rescue Centre Ostende (WRCO), led the training with Vanessa Ryan of WWF Finland assisting.

The EUROWA Advanced Responder training has four main objectives:

- Training on rescue, collection and preparation for transport procedures
- Understanding of how oil impacts wildlife
- Training on animal care, husbandry and washing procedures in an oiled wildlife facility
- Training on appropriate release procedures

EUROWA / [Read more](#)

## FRANCE: EMERGENCY RESPONSE SUMMARY FOR APRIL 2022

During the month of April, Cedre's penalty payment was requested on several occasions. The on-call engineer was contacted by CODIS 44 for questions relating to a spill of heavy fuel oil in a market gardening plant. The [BMPM](#) interviewed Cedre for information on collection techniques adapted to invasive algae. The ICE centre in the Czech Republic called Cedre as part of an exercise to obtain information on liquefied chlorine gas. Advice was requested by the SIDPC of the [Prefecture of the Var](#) and the Prevention Service of the [Toulon Provence Méditerranée Metropolis](#) on the anti-pollution measures deployed following the fire and sinking of a yacht in the port of Saint-Mandrier. The [CROSS Méditerranée in Corsica](#) contacted the Intervention service to request an opinion following a suspicion of pollution observed from a semaphore.

The [CROSS of Reunion](#) has put on alert the engineer of on-call following the observation of a suspicion of illegal discharge by a ship off the island Tromelin. Finally, a private company contacted our services following the accidental release of pyrolysis oil into the natural environment. [Read more in the Cedre Newsletter for April 2022](#)

### ITALY: PRESENTATION OF THE EXHIBITION AND THE VOLUME: "MARINE LITTER: LOOKING FORWARD A NEW WORLD"

May 2022 - On 21 and 22 May in Naples, at the DaDoM Museum, the presentation of the exhibition and the volume "Marine litter: looking forward a new world" created by ISPRA as part of the INDICIT I and II projects will be held.

The publication is the result of a selection of photographic material collected in over four years of the project together with an environmental awareness comic. The exhibition from 23 to 29 May moves to Portici at the Turtle Point at Porto del Granatello.

[Brochure](#) [Abstract of the publication](#)

### SOUTH KOREA MAKES HEADWAYS ON SUSTAINABLE MANAGEMENT OF ITS COASTAL AND MARINE SECTOR



May 12 - With 13 other countries in East Asia, RO Korea remains committed to implement the [Sustainable Development Strategy for the Seas of East Asia](#). The year 2021 is a crucial year for the country given its numerous accomplishments in implementing this shared regional strategy.

During the 2021 Partnering for Green Growth and Global Goals (P4G) Seoul Summit in May 2021, an oceans special session was held by the government, where various ideas on public-private collaboration regarding carbon neutrality and marine waste management were brought forward and discussed. PEMSEA / [Read more](#)

### NETHERLANDS: EUROWA'S FIRST TRAINING COURSE FOR SEABIRD SCIENTISTS



May 11 - An online workshop, using a combination of theory presentations, instruction videos, and an interactive tabletop exercise using the Mural online collaboration platform, gave a group of European seabird scientists insight into their potential role in an emergency response involving seabirds.

The April 20-21, 2022 workshop, organized and facilitated by EUROWA-2 project coordinator Sea Alarm, was delivered by Kees Camphuysen of the Royal Netherlands Institute for Sea Research (Royal NIOZ) and Hugo Nijkamp of Sea Alarm. Geared toward scientists involved in disciplines such as population biology, ornithology, and ecology, the EUROWA Risk and Impact Assessment course focuses on the development of skills needed to carry out risk assessment, and to prepare, structure, manage and report on impact assessment of a population. EUROWA / [Read more](#)

### NIGERIA: BUHARI APPROVES INKING OF OGONI TO NATIONAL GRID

May 10 - -There was jubilation in the ancient kingdom of Ogoni in Rivers state following the approval by President Muhammadu Buhari to link up Ogoni communities to the national grid to foster socio-economic development and to create cottage industries that will employ the youth of the area.

This much was disclosed by the Minister of Environment, Muhammad Hassan Abdullahi while on a one-day familiarisation visit to the four Ogoni local government headquarters at the weekend.

The Minister said that his visit was to see both the remediation and the provision of portable water to the people that have suffered pollution for decades and their ground water contaminated with benzene, according to the report by United Nation Environment Program (UNEP).

## PERU: OIL SPILL: OVER 100 RESCUED BIRDS RELEASED



May 12 - More than 100 seabirds affected by the oil spill in Ventanilla have already been released after a joint effort between the international organization specializing in marine fauna Aiuka, the National Forest and Wildlife Service (Serfor), and the Parque de Las Leyendas. The financing of these tasks is in charge of Repsol.

The release of birds, including Peruvian boobies, Peruvian seagulls, pelicans and guanays, has been possible thanks to hard work to recover these animals, work that is carried out by professionals, including veterinarians, zootechnicians and volunteers called by Aiuka, who have worked in coordination with the staff of Parque de Las Leyendas and Serfor. California 18 / [Read more](#)

## SEYCHELLES: MARINE PROFESSIONAL DEVELOPMENT VITAL TO BLUE ECONOMY AND OCEAN GOVERNANCE

May 4 - Supporting the professional development of marine professionals in Seychelles to drive growth and the development of the blue economy and ocean governance in line with the UN Ocean Decade are at the centre of an agreement between the Institute of Marine Engineering, Science and Technology (IMarEST) and The Danny Faure Foundation (DFF).

The Memorandum of Understanding (MoU) will see the two organisations working closely together to support marine professionals based in Seychelles with opportunities to develop knowledge and skills, achieve professional registration including Technician, Incorporated, Registered or Chartered status, and help the country retain its talent. IMarEST / [Read more](#)

## SOUTH AFRICA: UPL STILL WON'T RECOGNISE COMMUNITY WATCHDOG FORUM AFTER CORNUBIA'S CATASTROPHIC CHEMICAL SPILL

May 8 - Set up by MEC Ravi Pillay, the Multi-Stakeholder Forum (MSF) was established to recognise diverse stakeholders in their right to be consulted on issues related to the UPL chemical fire. Nearly a year after this environmental disaster, UPL's unwillingness to recognise the MSF is of major concern.

The chemicals released into the environment have serious health implications for humans. Without a thorough public health study that tracks these longer-term health outcomes, the true cost of this disaster remains unknown and will be borne by the public. Daily Maverick / [Read more](#)

## TUNISIA LAUNCHES CAMPAIGN TO PHASE OUT SINGLE-USE PLASTIC BAGS

May 11 - Ms. Leila Chikhaoui, Minister of the Environment of Tunisia, announced on 11 May 2022 the launch of a nationwide communication campaign aiming to boost citizen awareness and participation in the country's ambitious efforts to phase out single-use plastic bags. The campaign titled "Let us be responsible" is supported by the UNEP/MAP Regional Activity Centre 'MedWaves' specialized in sustainable consumption and production. In accordance with the decree 2020-32, all single-use plastic bags are banned with some exceptions. UNEP / [Read more](#)

## UK: ISAS AUDIT ASSESSMENT TEAM ATTEND UK & IRELAND FUEL DISTRIBUTORS ASSOCIATION EXPO 2022



April 30 - ISAS Audit Assessment Team attend UKIFDA (UK & IRELAND Fuel Distributors Association) EXPO 2022 at Albert Dock Liverpool 27th / 28th April 2022.

This was the first time in three years that the industry has been able to meet physically due to COVID restrictions. Coast Guard tests pollution response

In the photo, Captain Bill Boyle MNI, Hon FISCO ISAS Principal Marine Accreditation Assessor, Neil Marson ISCO General Secretary, Steve Guy ISAS INLAND Spill Accreditation Assessor

[Thanks to Capt. Bill Boyle, MNI, Hon.FISCO]

## USA: REPORT: RECYCLING IS DOING LITTLE TO STOP OCEAN PLASTIC POLLUTION

May 8 – America's recycling efforts are doing little to stem the generation of millions of tonnes of plastic waste, some of which ends up in the ocean, a new report by two environmental groups shows.

Contrary to data by the U.S. Environmental Protection Agency (EPA) that estimates plastic recycling in the country stands at about nine percent, the report contends that only five to six percent of the 42 million tonnes of plastic waste generated annually is recycled, a reality that has seen the U.S. become one of the major polluters of oceans. The Maritime Executive / [Read more](#)

## USA: EPA ORDER ENFORCES TRASH PREVENTION SAFEGUARDS IN MONTEBELLO, PROTECTING LOS ANGELES WATERWAYS

May 9 - The U.S. Environmental Protection Agency (EPA) and the City of Montebello, CA have entered into an Administrative Order on Consent to assist the city in complying with its municipal stormwater sewer system permit. This action will help the city achieve compliance with the Clean Water Act with respect to discharges of trash into the Los Angeles River.

“This order reflects EPA’s commitment to ensuring cities comply with federal law to prevent pollution to rivers and coastal ecosystems,” said EPA Pacific Southwest Regional Administrator Martha Guzman. “Under this order, Montebello will better protect the health of nearby residents as well as the surrounding environment.” EPA / [Read more](#)

## USA: MICHIGAN - COAST GUARD TESTS POLLUTION RESPONSE

May 10 - The United States Coast Guard partnered with state, local and tribal government agencies Tuesday to test pollution response capabilities in Manistee. This exercise aims to review contingency plans for the area and practice deploying effective booming strategies. Tuesday’s exercise brought together pollution responders from Sector Lake Michigan, detached duty station Grand Haven, the Michigan Department of Natural Resources, the Little River Band of Ottawa Indians, the Manistee Fire Department and the Manistee Office of Emergency Management. Fox 17 / [Read more](#) Photo by: U.S. Coast Guard



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

May 16 – Please click on the links below to download and read the latest news reports from NOAA OR&R

[Great Lakes Regional Collaboration Team Annual Meeting](#)



*Photo: Annual meeting participants, photographed at the Great Lakes Environmental Research Laboratory in Ann Arbor, Michigan. Image credit: Alsu Shaydullina, NOAA*

The Annual Meeting of the NOAA Great Lakes Regional Collaboration Team was held May 3-5 in Ann Arbor, Michigan.



## NEWS REPORTS FROM AROUND THE WORLD (CONTINUED)

### [ESI Program Receives Funding from Great Lakes Restoration Initiative](#)

Earlier this month, the Environmental Sensitivity Index (ESI) program's fiscal year (FY) 2022 proposal to the Great Lakes Restoration Initiative (GLRI) was approved for funding, allowing OR&R to refresh critical sensitivity data in the Great Lakes and drive the next generation of sensitive resource mapping nationwide.

### [New Publication - Book chapter, 'Oil Spills in the Arctic'](#)

OR&R toxicologist and Alaska regional resource coordinator, Sarah Allan, co-authored a [book chapter\(link is external\)](#), "Oil Spills in the Arctic," in a recently published [book\(link is external\)](#), "Arctic One Health, Challenges for Northern Animals and People" (Morten Tryland eds.).

### [Marine Debris Program Presents at the USPTO Green Fair](#)

As part of the United States Patent and Trademark Office's 2022 Virtual Green Fair, NOAA gave two keynote presentations for USPTO staff.

### [OR&R and NGS Staff Attend NOAA's Hurricane Awareness Tour](#)

On Tuesday, May 3, OR&R and National Geodetic Survey staff attended the kick off of NOAA's Hurricane Awareness Tour at Ronald Reagan National Airport, engaging with congressional staffers, media, and NOAA leadership. OR&R and NGS each play a pivotal role in hurricane preparedness, response, and recovery, from emergency response after a hurricane, to shoreline mapping imagery that helps emergency managers recover quickly from storms.

## PEOPLE IN THE NEWS

### ADMIRAL LINDA FAGAN CONFIRMED AS 27TH COMMANDANT OF THE U.S. COAST GUARD



*Above: Vice Adm. Linda L. Fagan is promoted to the rank of admiral during a ceremony at Coast Guard Headquarters, June 18, 2021. Fagan is the Coast Guard's first woman to serve as a four-star admiral. U.S. Coast Guard Photo*

May 12 - The U.S. Senate voted by unanimous consent Wednesday to confirm Admiral Linda Fagan to become the 27th Commandant of the U.S. Coast Guard. The confirmation makes her the first woman to lead a branch of the U.S. Armed Services.

Admiral Fagan became the first female four-star Admiral in Coast Guard history when she was sworn in as Vice Commandant in July 2021, a role she has continued to hold. She will replace current Coast Guard Commandant, Admiral Karl L. Schultz, who will be retiring later this month, on June 1, 2022.

As Commandant, Admiral Fagan will lead 55,700 active duty, reserve, and civilian members, and approximately 26,000 auxiliary volunteers. [gCaptain / Read more](#)

## NEWS FROM ISCO MEMBERS

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



### OHMSETT IS NOW OPEN WITH A FULLY REFURBISHED TEST TANK!

For months you have been hearing about the tank refurbishment, today we are happy to announce the Ohmsett tank is back online and ready for testing and training.

With the focus on concrete and steel repairs, new coatings designed to reduce residual oil on the tank surfaces, and general infrastructure improvements, we’re excited to share what you can expect when testing and training at the facility.

- \* A new wave generator control platform with a computer interface for entering wave profiles required for test plans
- \* Wave damping beach system upgraded with electrified winches to reduce test layout changeover
- \* Sensors to monitor tank water depth and temperature installed at several locations within the tank
- \* New oil confinement spray systems on the north and south bridges to confine the oil during wave studies
- \* A high-resolution webcam for documenting testing sequences
- \* A vacuum system overhaul that increases the tank refresh rate between tests

We're open to support your testing and training needs. Call today to schedule your project! <https://ohmsett.bsee.gov>

## CONTRIBUTED ARTICLE: RECENT INTERESTING PEER-REVIEWED OIL SPILL PUBLICATIONS



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

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. We hope that this provides useful information. Merv Fingas, ISCO colleague.

#### 37. COMPARATIVE TOXICITY OF OIL SPILL HERDING AGENTS TO AQUATIC SPECIES

Alloy, M.M., Sundaravadivelu, D., Moso, E., Meyer, P., Barron, M.G. (2022)  
Environmental Toxicology and Chemistry, 41 (5), pp. 1311-1318.  
DOI: 10.1002/etc.5310

**ABSTRACT:** Chemical herding agents are surfactant mixtures used to coalesce spilled oil and increase slick thickness to facilitate mechanical recovery or in situ burning. Only two herders are currently listed on the United States' National Oil and Hazardous Substances Pollution Contingency Plan or National Contingency Plan product schedule for potential use in spill response: the surface collecting agents Siltech OP-40™ and ThickSlick 6535™. Toxicity data for spill response agents are frequently available only for two estuarine species, mysid shrimp (*Americamysis bahia*) and inland silversides (*Menidia beryllina*), and are particularly limited for herding agents. Toxicity can vary over several orders of magnitude across product type and species, even within specific categories of spill response agents. Seven aquatic species were tested with both Siltech OP-40™ and ThickSlick 6535™ to evaluate acute herder toxicity and relative species sensitivity. The toxicity assessment included: acute tests with *A. bahia* and *M. beryllina*, the freshwater crustacean *Ceriodaphnia dubia*, and the freshwater fish *Pimephales promelas*; development of the echinoderm *Arbacia uncutulate*; and growth of a freshwater alga *Raphidocelis subcapitata* and marine alga *Dunaliella tertiolecta*. Siltech acute toxicity values ranged from 1.1 to 32.8 ppm. ThickSlick acute toxicity values ranged from 2.2 to 126.4 ppm. The results of present study show greater toxicity of Siltech compared to ThickSlick with estimated acute hazard concentrations intended to provide 95% species protection of 1.1 and 3.6 ppm, respectively, on empirical data and 0.64 and 3.3 ppm, respectively, with the addition of interspecies correlation data. The

present study provides a greater understanding of species sensitivity of these two oil spill response agents. *Environ Toxicol Chem* 2022;41:1311–1318.

### **38. AN EXPERIMENTAL STUDY OF OIL SLICK CONTRACTION BY CHEMICAL HERDERS AND FRAGMENTATION BY OBSTACLES**

Alshamrani, A., Murphy, D.W. (2022)  
*Cold Regions Science and Technology*, 197, art. no. 103519, .  
DOI: 10.1016/j.coldregions.2022.103519

**ABSTRACT:** Chemical herders are a promising technique for treatment of oil spills in icy waters at high latitudes. However, obstacles on the water surface such as floating ice affects or interferes with all spill response countermeasures including chemical herder operations by fracturing the contracting oil slick and trapping small oil patches. Here we experimentally investigate the fluid dynamics of oil slick contraction and the interaction of the contracting oil slick with single obstacles of different shapes and sizes in a laboratory scale basin using Alaska North Slope crude oil and OP-40 herding agent. Oil slick area and thickness, oil-herder interface contraction speed, and the spatial distribution of the slick were optically measured over time, and particle image velocimetry (PIV) was used to measure the flow of the oil slick around the obstacles. For all obstacle sizes and shapes, an oil tail in the obstacle wake was generated as the oil-herder interface passed, which subsequently fractured by a capillary-type instability. Larger and less streamlined obstacles retained greater amounts of oil in these tails. In addition, a widely used theoretical thin film spreading model was successfully used to describe the spreading of the chemical herder against the oil slick at equilibrium. These results provide a foundation for future investigation of synergistic trapping of oil by multiple obstacles as would be seen in the field.

### **39. OIL SPILLS ADSORPTION AND CLEANUP BY POLYMERIC MATERIALS: A REVIEW.**

Haridharan, N., Sundar, D., Kurrupasamy, L., Anandan, S., Liu, C.-H., Wu, J.J. (2022)  
*Polymers for Advanced Technologies*, 33 (5), pp. 1353-1384.  
DOI: 10.1002/pat.5636

**ABSTRACT:** Oil spills are environmental disasters that impact human, plants, and wild life, such as birds, fish, and mammals. This article has comprehensively reviewed the progress made in oil spills remediation especially by polymeric adsorbents. Various methodologies involved in oil sorption using porous polymer network and its recovery are thoroughly discussed. In addition, new concepts and development in synthesizing sponge, fiber, graft, and crosslinked polymer networks are also collected briefly and future perspectives are suggested. With their unique physical and mechanical properties coupled with their very high surface area and small pore sizes, polymer-based adsorbents can be used as advanced materials for cleaning up oil spills.

### **40. EXPOSURE OF ADULT SEA URCHIN STRONGYLOCENTROTUS INTERMEDIUS TO STRANDED HEAVY FUEL OIL CAUSES DEVELOPMENTAL TOXICITY ON LARVAL OFFSPRING**

Wang, X., Li, X., Xiong, D., Ren, H., Chen, H., Ju, Z. (2022)  
*PeerJ*, 10, art. no. e13298,  
DOI: 10.7717/peerj.13298

**ABSTRACT:** Heavy fuel oil (HFO) spills pose serious threat to coastlines and sensitive resources. Stranded HFO that occurs along the coastline could cause long-term and massive damage to the marine environment and indirectly affect the survival of parental marine invertebrates. However, our understanding of the complex associations within invertebrates is primarily limited, particularly in terms of the toxicity effects on the offspring when parents are exposed to stranded HFO. Here, we investigated the persistent effects on the early development stage of the offspring following stranded HFO exposure on the sea urchin *Strongylocentrotus intermedius*. After 21 d exposure, sea urchins exhibited a significant decrease in the reproductive capacity; while the reactive oxygen species level, 3-nitrotyrosine protein level, protein carbonyl level, and heat shock proteins 70 expression in the gonadal tissues and gametes significantly increased as compared to the controls, indicating that HFO exposure could cause development toxicity on offspring in most traits of larval size. These results suggested that the stranded HFO exposure could increase oxidative stress of gonadal tissues, impair reproductive functions in parental sea urchins, and subsequently impact on development of their offspring. This study provides valuable information regarding the persistent toxicity effects on the offspring following stranded HFO exposure on sea urchins.

### **41. ESTIMATES OF OCCUPATIONAL INHALATION EXPOSURES TO SIX OIL-RELATED COMPOUNDS ON THE FOUR RIG VESSELS RESPONDING TO THE DEEPWATER HORIZON OIL SPILL**

Huynh, T.B., Groth, C.P., Ramachandran, G., Banerjee, S., Stenzel, M., Quick, H., Blair, A., Engel, L.S., Kwok, R.K., Sandler, D.P., Stewart, P.A. (2022)  
*Annals of work exposures and health*, 66 (1), pp. i89-i110.  
DOI: 10.1093/annweh/wxaa072

**ABSTRACT: BACKGROUND:** The 2010 Deepwater Horizon (DWH) oil spill involved thousands of workers and volunteers to mitigate the oil release and clean-up after the spill. Health concerns for these participants led to the initiation of a prospective epidemiological study (GuLF STUDY) to investigate potential adverse health outcomes associated with the oil spill response and clean-up (OSRC). Characterizing the chemical exposures of the OSRC workers was an essential component of the study.

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

Workers on the four oil rig vessels mitigating the spill and located within a 1852 m (1 nautical mile) radius of the damaged wellhead [the Discoverer Enterprise (Enterprise), the Development Driller II (DDII), the Development Driller III (DDIII), and the HelixQ4000] had some of the greatest potential for chemical exposures. OBJECTIVES: The aim of this paper is to characterize potential personal chemical exposures via the inhalation route for workers on those four rig vessels. Specifically, we presented our methodology and descriptive statistics of exposure estimates for total hydrocarbons (THCs), benzene, toluene, ethylbenzene, xylene, and n-hexane (BTEX-H) for various job groups to develop exposure groups for the GuLF STUDY cohort. METHODS: Using descriptive information associated with the measurements taken on various jobs on these rig vessels and with job titles from study participant responses to the study questionnaire, job groups [unique job/rig/time period (TP) combinations] were developed to describe groups of workers with the same or closely related job titles. A total of 500 job groups were considered for estimation using the available 8139 personal measurements. We used a univariate Bayesian model to analyze the THC measurements and a bivariate Bayesian regression framework to jointly model the measurements of THC and each of the BTEX-H chemicals separately, both models taking into account the many measurements that were below the analytic limit of detection. RESULTS: Highest THC exposures occurred in TP1a and TP1b, which was before the well was mechanically capped. The posterior medians of the arithmetic mean (AM) ranged from 0.11 ppm ('Inside/Other', TP1b, DDII; and 'Driller', TP3, DDII) to 14.67 ppm ('Methanol Operations', TP1b, Enterprise). There were statistical differences between the THC AMs by broad job groups, rigs, and time periods. The AMs for BTEX-H were generally about two to three orders of magnitude lower than the THC AMs, with benzene and ethylbenzene measurements being highly censored. CONCLUSIONS: Our results add new insights to the limited literature on exposures associated with oil spill responses and support the current epidemiologic investigation of potential adverse health effects of the oil spill.

### 42. ESTIMATION OF AEROSOL CONCENTRATIONS OF OIL DISPERSANTS COREXIT™ EC9527A AND EC9500A DURING THE DEEPWATER HORIZON OIL SPILL RESPONSE AND CLEAN-UP OPERATIONS

Arnold, S., Stewart, P.A., Pratt, G.C., Ramachandran, G., Kwok, R.K., Engel, L.S., Sandler, D.P., Stenzel, M.R. (2022) *Annals of Work Exposures and Health*, 66, pp. 1188-1202.  
DOI: 10.1093/annweh/wxab108

**ABSTRACT:** The April 2010 Deepwater Horizon drilling unit explosion at the Macondo oil well resulted in the release of approximately 779 million l of oil into the Gulf of Mexico. As part of the response effort to break up oil slicks on the water's surface, 6.81 million l of chemical dispersants COREXIT™ EC9500A and COREXIT™ EC9527A were applied by plane or vessel or injected near the seabed. The GuLF Long-term Follow-up Study is investigating possible adverse health effects of workers involved in the oil spill response and clean-up (OSRC). In this paper, we describe potential dispersant-related air concentrations generated from aerial spraying of dispersants to provide insight as to what concentrations OSRC workers may have been exposed under worst-case conditions. Personal exposure measurement data were not collected. Modeling, therefore, was conducted to estimate airborne concentrations of total aerosol to COREXIT™ EC9527A and EC9500A. Using the AgDISP model, we estimated air concentrations to dispersant total aerosols, defined as all components of the dispersant including active ingredients, surfactants, and water, resulting from aerial and vessel applications, as average 1-h and 2-min concentrations. For comparison, 1-h air concentrations associated with aerial spraying were estimated using another model, AERMOD. At 152 m horizontal to the flight path, average 1-h total aerosol concentrations associated with aerial applications were estimated to be as high as 49.3 µg m<sup>-3</sup> (9527A) and 45.4 µg m<sup>-3</sup> (9500A), and both decreased with increased distance from the flight line. The estimates for spraying 9500A from vessels indicated that total aerosol concentrations were potentially as high as 0.33 µg m<sup>-3</sup> at 10 m from the nozzles. These results suggest that personal exposures to dispersant aerosols were negligible.

## TRAINING COURSES

### USEFUL LINKS

- INTERNATIONAL – IMO E-LEARNING PLATFORM [e-learning platform](#)
- AUSTRALIA – AMOSC - <https://amosc.com.au/training/>
- AUSTRALIA & NEW ZEALAND – ALGA - <https://landandgroundwater.com>
- EUROPE – EMSA Academy 2022. [Courses Catalogue](#)
- FRANCE - CEDRE - Click on these links [training catalogue](#) and [2022 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 <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)

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 PLEASE CLICK ON <https://spillcontrol.org/upcoming-events/>

## UPCOMING EVENTS (CONTINUED)

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 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)

**Recently added to the Upcoming Events page – CISE Hybrid Workshop at European Maritime Day, 19<sup>th</sup> May, Ravenna, Italy; UN Stockholm +50 Meeting, 2<sup>nd</sup> to 3<sup>rd</sup> June, 2022, Stockholm, Sweden**

## UPCOMING WEBINARS & PODCASTS

**TO VIEW UPCOMING WEBINARS PLEASE CLICK ON** <https://spillcontrol.org/upcoming-webinars/>

To see ALL of the posted webinars you may need to click on “LOAD MORE” at the foot of the opened “upcoming webinars” page.

Webinar organisers are requested to notify ISCO immediately if a listed webinar is cancelled or postponed. Your Editor does his best to keep the listing up-to-date but it should not be assumed that listed webinars have not been cancelled or postponed. It is recommended that you check with webinar organisers before finalising your attendance plans. Please advise the Editor if any of the entries require correction or updating. **If you are holding a webinar you would like to be featured here, please send details to** [John.mcmurtrie@spillcontrol.org](mailto:John.mcmurtrie@spillcontrol.org)

**From ISCO Member, HalenHardy** - Draining stormwater from secondary containment sumps shouldn't eat up hours of your technician's time. Join us on Wednesday, May 25, 2022 at 10 am EST to learn how to automate this maintenance task with passive oil-water separators that allow clean water to drain while capturing oily sheen and preventing oil and fuel discharges. [More info](#)

**Recently added to the Upcoming Webinars Page - ExxonMobil Oil Spill Knowledge Transfer Webinar No.9: Mr David Dickins (D.F. Dickins Associates) will share his extensive experience on Arctic oil spill response, 9th June 2022 10.00 to 11.15 am Houston Time; Interspill Inform Clean Seas Webibar Series - Marine Debris and Plastic Pollution 1400hrs (BST) 31 May; Emerging Pollutants 1400hrs (BST) 8 June; PEMSEA Ocean & Climate Dialogue, 8<sup>th</sup> June, 9am to 3pm UTC+8.**

## MESSAGES FROM EVENT ORGANISERS

### PAPER SUBMISSION DEADLINE DATES

AUSTRALIA & NEW ZEALAND – ECOFORUM 2022: May 16, 2022 [More info](#)

CANADA: INTERNATIONAL OIL SPILL SCIENCE CONFERENCE - June 17, 2022. [About IOSSC 2022](#) [Call for Abstracts](#) [Registration](#)

### USA: CLEAN GULF CONFERENCE & EXHIBITION – CONFERENCE SESSIONS

**ANNOUNCED** [View Conference Sessions](#) [Register for Clean Gulf](#)

### EUROPE: INTERSPILL – INTRODUCING OUR NEW OPENING KEYNOTE AND SPECIAL PLENARY SESSION SPEAKERS

For full details of these speakers please go to <https://www.interspill.org/about-interspill/2022-speakers/>

To register to attend Interspill 2022 please go to: <https://www.interspill.org/about-interspill/registration-information-interspill-2022/>

### USA: FULL CONFERENCE AGENDA NOW AVAILABLE FOR CLEAN PACIFIC 2022

[View full conference programme](#) [Registration](#)

### CANADA: 44<sup>th</sup> AMOP TECHNICAL SEMINAR ON ENVIRONMENTAL CONTAMINATION AND RESPONSE

This year's AMOP Technical Seminar on Environmental Contamination and will take place virtually from June 7 to 9, 2022. There will be no registration fees, but will have limited availability.

[https://events.myconferencesuite.com/AMOP\\_44th/reg/landing](https://events.myconferencesuite.com/AMOP_44th/reg/landing)

or <https://www.canada.ca/en/environment-climate-change/services/science-technology/arctic-marine-oilspill-program/registration-form.html>

## MESSAGES FROM EVENT ORGANISERS (CONTINUED)

Le colloque de l'AMOP sur la contamination de l'environnement et l'intervention de cette année aura lieu virtuellement du 7 au 9 juin 2022. Il n'y aura pas de frais d'inscription, mais les places sont limitées.

[https://events.myconferencesuite.com/AMOP\\_44th/reg/landing](https://events.myconferencesuite.com/AMOP_44th/reg/landing)

ou <https://www.canada.ca/fr/environnement-changement-climatique/services/sciences-technologies/programme-deversements-hydrocarbures-mer-arctique/formulaire-inscription.html>

## 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 <https://clu-in.org/products/tins/> US EPA Tech Direct <https://clu-in.org/techdirect/td012022.htm> and USA Federal Contracts Update <https://clu-in.org/Federal-Contract-Opportunities> European Maritime Safety Agency invitations to tender are often posted in The EMSA Newsletter. (Look in "Links for other publications" for the current issue of this publication)

## LINKS FOR DOWNLOADING AND READING 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 frequently updated. ISCO 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](mailto:john.mcmurtrie@spillcontrol.org) if any links are not up-to-date.

Readers wishing to recommend the addition of additional publications should contact the editor.

## NEW PUBLICATIONS

### EMSA NEWSLETTER – MAY 2022



In this issue: Children's competition evokes a sea of ideas when asked the question: how do you see the ocean in 20 years' time?;

EMSA and Transport Community Organisation hold second meeting of the Technical Committee on Waterborne Transport and Multimodality;

Just published: EMSA Facts & Figures report gives visual account of the Agency's work in 2021;

EMSA honoured to receive President of Bulgaria Rumen Radev as part of State visit to Portugal; RPAS emissions monitoring services active over the Channel, the North Sea and the Baltic Sea.

[http://emsa.europa.eu/index.php?option=com\\_flexicontent&view=item&cid=2&id=4723:newsletter-may-2022&Itemid=2&idU=1](http://emsa.europa.eu/index.php?option=com_flexicontent&view=item&cid=2&id=4723:newsletter-may-2022&Itemid=2&idU=1)

### CEDRE NEWSLETTER – APRIL 2022

In this issue –

- Emergency Response Summary
- IMAROS project: ecotoxicity, substrate persistence and in situ burning tests
- Theoretical and practical training for offshore wind providers
- Closing meeting and results of the OPHELIA project
- 1st edition of the course "Oil spill response at sea and on the shoreline"
- Participation in a Franco-American summit on plastic pollution
- Cedre in training alongside TotalEnergies Gabon
- Meeting with the students of the Collège Edouard Quéau

## NEW PUBLICATIONS (CONTINUED)

- Cedre's activities in connection with national waste monitoring networks
- News from the MANIFESTS project <http://wwz.cedre.fr/content/download/10858/file/311.php>

## UK & IRELAND SPILL ASSOCIATION – NEW ISSUE OF SPILL ALERT MAGAZINE



### Contents –

- Introduction and welcome
- Industry News
- Member news
- The issue with fuel storage vessels
- Peru oil spill
- Case Study: Vikoma, Briggs, A&S International;
- ISAS update and Inland Conference
- UK & Ireland Spill Association Working Group Report
- Product News
- Plastics: Why we need to pay attention
- Guidance on tank cleaning for tanks containing red diesel
- People in the news
- Welcome to our new members
- UK & Ireland Spill Association 2022 Event Plan sponsored by Oamps
- Interspill 2022

<https://ukeirespill.org/publications/spill-alert-issue-23/>

## JOB VACANCIES



### TECHNICAL OFFICER

#### MARINE ENVIRONMENT DIVISION

Classification Grade P.4

Vacancy Announcement V.N. 22-05 (External)

Admin Number ADMIN/22/16

Post Number 50002915

Date of Issue 28/04/2022

Deadline for Applications 26/05/2022

The Technical Officer will serve as the institutional focal point for all policy and operational matters related to oil/HNS pollution preparedness and response (OPRC/HNS). In this capacity, the Technical Officer will be responsible for oversight and management of joint oil pollution preparedness projects with the petroleum industry (GI), to implement an array of technical capacity building activities worldwide, and to provide concrete technical guidance and assistance in the event of major pollution incidents.

Fixed-term for two years (first year is probationary) with the possibility of further extension, subject to satisfactory performance.

For more information please click on <https://spillcontrol.org/job-vacancies/>

## INCIDENT REPORTS

### USA: NOAA OR&R INCIDENT RESPONSES FORT APRIL 2022

Every month OR&R's Emergency Response Division provides scientific expertise and services to the U.S. Coast Guard on everything from running oil spill trajectories to model where the spill may spread, to identifying possible effects on wildlife and fisheries and estimates on how long the oil may stay in the environment. We also get requests to track and model other floating objects.

In April 2022, OR&R provided response support to 32 incidents, including 12 new incidents in eight states. The new incidents included eight actual or potential oil spills, two chemical spills, one facility fire, and one whale carcass. OR&R prepared 125 new incident reports, including four trajectory analyses. Cumulatively, these incidents posed the risk of almost 200,000 gallons of oils and chemicals. The volume numbers are approximate and based on initial information that may be updated in later investigations.

Here is the complete list of April's incidents, click on the links below to find out more:

- [Sunken Fishing Vessel, Grand Traverse Bay, Lake Michigan](#)
- [Gray Whale Carcass in San Francisco Bay, CA](#)
- [Oil Well Discharge into Marsh, High Island, Bolivar Peninsula, TX](#)
- [Container Ship Drifting in Heavy Weather off Point Reyes, CA](#)
- [Petroleum Coke \("Pet Coke"\) Fire at Shoreside Facility, Benicia, CA](#)
- [Sandpoint Texas LLC Marsh Discharge; High Island, TX](#)
- [50-foot Vessel Sunk in Hawkes Marina, Everett, WA](#)
- [Fire at Commercial Fueling Facility, Petroleum Product Flow into Storm Drain, Medford, OR](#)
- [Release of Liquid Ammonium Polyphosphate \(Fertilizer\) into Point Comfort Bay, TX](#)
- [Leak of Heating Fuel from Storage Tank into Secondary Containment, Savoonga, AK](#)
- [45-Foot Fishing Vessel Sinking, Charleston, SC](#)
- [Release of Degreaser into Salmon Bay Ship Canal, Seattle, WA](#)

[https://blog.response.restoration.noaa.gov/incident-responses-april-2022?utm\\_medium=email&utm\\_source=GovDelivery](https://blog.response.restoration.noaa.gov/incident-responses-april-2022?utm_medium=email&utm_source=GovDelivery)

## UK: SWANS FOUND DEAD AND COVERED IN OIL FOLLOWING CHEMICAL SPILL IN STALLINGBOROUGH

May 11 - Volunteers from Cleethorpes Wildlife Rescue and officers from North East Lincolnshire Council made the shocking discoveries, along with a mile-and-a-half to two miles of contaminated water in Middle Drain. The situation first came to light when volunteers from the rescue organisation found a swan covered in oil on a busy Grimsby road on Thursday, May 5.

Grimsby Live / [Read more](#)

## MALAYSIA: RIVER IN TUARAN FOUND CONTAMINATED

May 12 - A chemical spill was reported in the river in Kg Rugading, raising concerns that the water could be contaminated. Tests are underway.

Tuaran District Fire and Rescue Station Chief Abdul Qawie Abdul Gapar said his department received a call regarding the incident at 6.34pm and a Fire and Rescue's Hazardous Material Handling Team (Hazmat) were deployed to the location

Daily Express / [Read more](#)

**Note from Editor** – It's very unusual to have so few reports of oil or chemical spills, marine or freshwater. We have received a few reports of road tanker spills but these are so frequent that most go unreported. As usual, there have been a number of marine incidents but unless there is an immediate and significant release of oil or chemical, spills are seldom reported.

## NEWSLETTER EVENT ANNOUNCEMENTS

The ISCO Newsletter has introduced a new format for announcing upcoming events. As regular readers may have noticed we are aiming to keep the size of the newsletter down to about 10 pages. The new format allows events to be listed in a more compact way. Members and readers wishing to submit details of events that will be of interest to our community should send details to the editor for publication consideration.

Free banner advertisements for conferences on the first page of the newsletter are only be available to event organisers who have a Media Partnership agreement in place with ISCO. Media Partners will also be given priority in allocation of Editorial Content in the Newsletter. More information about Media Partnerships is available on request but ISCO benefits usually include a free booth, free conference passes for ISCO staff and, for ISCO members, discounts on the cost for conference registration.

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