

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

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UNITE HUMAN, ANIMAL AND ENVIRONMENTAL HEALTH TO PREVENT THE NEXT PANDEMIC – UN REPORT



As the COVID-19 pandemic continues to take lives and disrupt economies across the world, a new report warns that further outbreaks will emerge unless governments take active measures to prevent other zoonotic diseases from crossing into the human population, and sets out ten recommendations to prevent future pandemics.

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INTERNATIONAL NEWS (CONTINUED)

The report, *Preventing the Next Pandemic: Zoonotic diseases and how to break the chain of transmission*, is a joint effort by the United Nations Environment Programme (UNEP) and the International Livestock Research Institute (ILRI).

It identifies seven trends driving the increasing emergence of zoonotic diseases, including increased demand for animal protein; a rise in intense and unsustainable farming; the increased use and exploitation of wildlife; and the climate crisis. UN Environment / [Read more](#)

COVID-19: THE IMO AND IPIECA REAFFIRM SUPPORT

In a Joint-Communiqué to national authorities, the IMO and IPIECA, as the principals underpinning the Global Initiative (GI) Programme, reaffirmed their commitment to support countries to remain prepared for marine pollution incidents during the COVID-19 Pandemic.

Possible options to continue providing capacity building and technical assistance in oil spill preparedness and response are being explored, notably, the GI and other Regional Programmes which encourage the implementation of the OPRC, are adapting their approach to provide remote assistance. Through communication technology and innovative delivery solutions, the GI Projects seek to share relevant and trustworthy information, and pursue the implementation of technical cooperation where possible.

The IMO and IPIECA therefore encourage Member States and stakeholders, where they have capacity to do so, to engage with the GI Projects and other relevant Regional Programmes, to seek assistance to prepare for a possible spill response during this

pandemic, or help sustain capacity building efforts more generally. GISEA / [Read more in the July 2020 issue of the Global Initiative Southeast Asia newsletter.](#)

EUROPE: EMSA MAR-ICE SERVICE EXPANDED

The European Maritime Safety Agency (EMSA) together with the European Chemical Industry Council (Cefic) and the Centre of Documentation, Research and Experimentation on Accidental Water Pollution (Cedre) amended their three-party Cooperation Agreement, expanding the MAR-ICE service to provide EU member states with an additional level of support when dealing with chemical emergencies at sea. With this MAR-ICE service expansion, if so requested, a knowledgeable expert from the chemical industry holding relevant know-how may be made available to provide advice and assistance on-site at the operational centre of the requesting country dealing with the response operations (MAR-ICE 'level-2'), complementing and strengthening the information and advice provided already remotely by the Network (MAR-ICE 'level-1'). For more information on the service and the operational procedures to activate it visit the [EMSA website](#). EMSA / [Read more in the EMSA July 2020 Newsletter](#)

SEA ALARM'S FIRST 20 YEARS: LAYING THE FOUNDATIONS FOR EUROPEAN OILED WILDLIFE RESPONSE CAPABILITY

At the turn of the new millennium, Sea Alarm was still a young organisation aiming to bring more professionalism into the field of oiled wildlife response by working in cooperation with animal care specialists, governments and industry stakeholders. This journey to professionalism, marked by a number of serious oil spills, was not a smooth one.

A programme of regular informal meetings between European responders was initiated – to review their joint spill experiences and ways of working together, to exchange methodologies, and, importantly, to start to develop a real sense of community. However, these 'pro bono' activities, only went so far in initiating real change in Europe. What was needed was a "new order" for dealing with oiled wildlife – a set of standard international tools, best practices and guidelines underpinned by governmental preparedness in every coastal country, that would allow for a smoother, faster and more efficient response in the future. Sea Alarm / [Read more](#)

NEW OCIMF COMMITTEE STRUCTURE

OCIMF will be implementing a new committee structure in the Autumn of 2020. The implementation of OCIMF's new organisational structure will provide a streamlined and more reliable operational model that enables OCIMF and its members to collaborate more efficiently and respond with greater agility to changes occurring across the marine industry.

For all OCIMF members, the restructuring will result in a wider range of opportunities to engage and participate in the development of programmes, publications, advocacy and membership collaboration in a way that suits individual company needs, resources and availability. OCIMF / [Read more](#)

CANADA: GOVERNMENT TAKES FURTHER ACTION TO CLEAN-UP THE KÉL,SET (REAY) CREEK POND THIS SUMMER

July 3 - Today, the Government of Canada awarded a contract to complete the second phase of the KÉL,SET (formerly Reay Creek) Remediation Project that will remove sediments with elevated levels of metals from this 200 metre long pond. Last summer, the first phase of creek sediment remediation was completed within the Victoria Airport boundary. Newswire / [Read more](#)

EGYPT: THE MINISTRIES OF ENVIRONMENT, PLANNING AND ECONOMIC DEVELOPMENT AGREE TO ACHIEVE 30% OF INVESTMENT PROJECTS IN THE STATE'S PLANS FOR ENVIRONMENTAL SUSTAINABILITY CONCEPTS AND A GREEN ECONOMY



July 5 - Dr. Yasmine Fouad, Minister of the Environment and Dr. Hala Al Saeed, Minister of Planning and Economic Development agreed to achieve 30% of investment projects in the country's plans for environmental sustainability concepts and a green economy, to increase this percentage to 100% during the next three years, for the rational use of Natural resources, which contributes to achieve the national agenda for sustainable development.

The agreement came within the framework of mutual cooperation between the two ministries; In light of Egypt's 2030 vision, which is supervised by the Ministry of Planning and Economic Development, which requires the inclusion of an environmental dimension in all investment projects in the country's economic and social development plans. EEAA / [Read more](#)

GREECE: WE CONTINUE TO PROTECT SEAS AND COASTS FOR YET ANOTHER YEAR, BUT WITH CAUTION!

July 2 - The Covid-19 pandemic may have not allowed the coastal cleanup campaign, coordinated by HELMEPA every May throughout Greece, to go ahead, but we are pleased to notice that our Member and cooperating entities are organizing coastal cleanup actions throughout Greece. In support of these efforts, we continue to encourage voluntary coastal cleanup initiatives this summer, as long as all necessary measures are strictly implemented, such as participation in small groups, safe distancing of 1-2 meters among participants, use of gloves and mask and the use of antiseptic hand wash after the activity.

In this spirit, we are moving on with the preparations for this year's International Coastal Cleanup Campaign, coordinated by HELMEPA for the 30th (!) consecutive year in our country between September 20th and October 31st, 2020, always depending on the conditions and the development of the pandemic until then. HELMEPA / [Read more](#)

ITALY: MARINE BIODIVERSITY, THE 5 MOST ENDANGERED SPECIES

The Italian seas are characterized by high biodiversity. Only the Mediterranean, despite having an area equal to about one percent of that of all oceans, is home to more than 12,000 marine species, or between 4 and 12% of the world's marine biodiversity. Unfortunately, living organisms in the waters and their habitat are endangered mainly due to wastewater pollution and irrational exploitation of living resources. In addition, the sea is not an inexhaustible resource with an unlimited power of self-regeneration.

For this reason, we asked Dr. Leonardo Tunesi, Head of the Biodiversity Protection Area, Habitat and Marine Protected Species for ISPRA (Higher Institute for Environmental Protection and Research) to analyze the biodiversity that distinguishes the Italian seas and the main species deserving of protection. In a Bottle Magazine / [Read more](#)

RUSSIA: MINING GIANT TOLD TO PAY \$2 BN FOR ARCTIC SPILL

July 7 - Russia's state environmental watchdog said on Monday that metals giant Norilsk Nickel should pay an unprecedented \$2 billion in damages over a huge Arctic fuel spill. Rosprirodnadzor said it had sent a request for "voluntary compensation" to a subsidiary of Norilsk Nickel, NTEK, estimating the damage to Arctic subsoil and water resources at 147.8 billion rubles (\$2.05 billion). The Hindu / [Read more](#)

UK: MEPC 118(52) ANNEX II MARPOL AMENDED 14-7-2015

July 9 - The Merchant Shipping (Dangerous or Noxious Liquid Substances in Bulk) Regulations 1996 (Statutory Instrument (S.I.) 1996/3010, as amended by S.I. 1998/1153) implements Annex II of MARPOL and refers to MARPOL surveyors in Regulation 9(2).

Guidance concerning International Convention for the Prevention of Pollution from Ships (MARPOL) Surveyors. Recent amendments are highlighted in the document. MCA / [Read more](#)

USA: COURT RULES DAKOTA ACCESS PIPELINE MUST BE EMPTIED FOR NOW

July 6 - A federal judge has ruled that the controversial Dakota Access Pipeline must be emptied for now while the Army Corps of Engineers produces an environmental review. In a decision posted Monday, U.S. District Judge James Boasberg said that it was clear shutting down the pipeline will cause disruption. But he said that "the seriousness of the Corps' deficiencies outweighs the negative effects of halting the oil flow" during the estimated 13 months it will take to complete the environmental impact statement. The court vacated the Corps' decision to grant federal approval for the project, and will require the pipeline to be emptied within 30 days. NPR / [Read more](#)

USA: SUPREME COURT RULING CREATES NEW DELAYS FOR KEYSTONE XL

July 7 - Canada's long-delayed Keystone XL export pipeline hit another delay Monday when the U.S. Supreme Court temporarily excluded it from a fast-track federal permitting program.

In an order issued Monday, the Supreme Court put a stay on this district court decision pending appeal - except for Keystone XL. The USACE's blanket permit will remain in effect for about 70 smaller pipelines, but Keystone XL will need to pursue a more rigorous EIS process (or await the outcome of an appeal) in order to obtain permitting for crossings. The Maritime Executive / [Read more](#)

ISCO NEWS

PLANS FOR HOLDING ISCO 2020 AGM DELAYED

ISCO Secretary Matthew Sommerville advises that while holding the 2020 AGM in October during the Clean Gulf Conference in San Antonio may still be an option Corona Virus restrictions on travel may make attendance by international delegates difficult or impossible. The fall-back option will be to hold the AGM online or by exchange of email. The situation will be kept under review and a decision will be advised later.

PEOPLE IN THE NEWS

UK: CEFAS MARKS THE RETIREMENT OF CHIEF EXECUTIVE, TOM KARSTEN AND APPOINTMENT OF TIM GREEN AS INTERIM CEO



After leading Cefas as Chief Executive since September 2015, Tom Karsten (pictured on left) retired at the end of June. Tom has led Cefas through a period of growth, with both staff numbers and scientific output increasing by 20% and an expansion in outlook, via new significant international work programmes. Tom's effective engagement with staff, Defra, wider UK and international governments has substantially raised Cefas' profile, leaving Cefas in good stead to rise to future opportunities.

Tim Green, (pictured on right) who joined Cefas in 2005 and has most recently been Cefas' Deputy CEO and Finance Director, will now take over as interim Chief Executive. Tim has spent 15 years working in the private sector including the healthcare, leisure and construction sectors, and now 15 years in the public sector. Tim's immediate focus will be on leading Cefas in fully supporting Defra's responsibilities through a successful transition from the EU and in greening the nation's recovery from the challenges of Covid-19. CEFAS / [Read more](#)

OBITUARIES

IOPC FUNDS REGRET TO ANNOUNCE THE SAD PASSING OF MR SAMUEL MINKENG



July 8 - The Director announces with deep regret that the second Vice-Chair of the 1992 Fund Assembly, Mr Samuel Roger Minkeng of Cameroon, has passed away after a short illness.

Mr Minkeng actively represented Cameroon at IOPC Funds' meetings for over 10 years and had been serving as second Vice-Chair of the 1992 Fund Assembly since October 2014. IOPC Funds / [Read more](#)

USA: THE PASSING OF JIM MILLER OF MILLER ENVIRONMENTAL GROUP

SCAA pays lasting tribute to one of our spill response industries pioneers, Jim Miller, who passed away on 24 June at the age of 85. Jim founded Miller Environmental Group in the early 1970's and co-founded National Response Corporation (NRC) in the early 1990's. It's fair to say that Jim will always be a spill response industry legend. Those who have been around prior to and during the passing of the Oil Pollution Act of 1990, will remember Jim Miller as one of those guys who were the savvy, tough, hardworking, entrepreneurial, and successful leaders of our spill response industry; guys like Pappy Parker, Jim Weber Sr, Mark Chambers, Tom Lewis, Jack Gallagher, Dave Usher, Alan McKim, Les Stanfield, and a cast of others. SCAA / [Read more](#)



CASE HISTORY

Editor: It's been quite a while since any of our readers has sent me a case history and, in the hope that it may inspire others to put pen to paper, I am reprinting an old – but interesting – record of a real response to a spill that happened many years ago.

ANATOMY OF AN OIL SPILL – A CASE HISTORY OF AN ONSHORE HEAVY FUEL OIL SPILL IN THE HIGHLANDS OF SCOTLAND

Based on an actual spill event, this case history was originally published in the Oil Spill Bulletin and Environmental Review (OSBER), a monthly journal published by Alba International Ltd., based in Aberdeen, Scotland. It was reprinted in the ISCO Newsletter during June 2012. One ISCO member, Brian O'Connor, of the Canberra and Regions Oil Industry Response Group in Australia found the article so useful that he had it reprinted as a booklet for training purposes.

The response action was a complete success, preventing the pollution of one of Scotland's greatest fishing rivers. A key feature of the response was the construction of a large interceptor dam which provided a 100% effective failsafe barrier for an extended time during which heavily overgrown watercourses were cleaned, removing all traces of fuel and oiled vegetation.

Another interesting point was a successful co-operation between the experienced Alba team and several employees of the affected industrial premises during an extended and labour intensive clean-up operation. When the clean-up operations were completed, a splendid Ceilidh (celebration) was held at the local inn. With fiddle and accordion music everyone had a great time and many drams were consumed. This was a spill response looked back on with good memories for everyone involved.

THE STORY AS IT HAPPENED - PART 1

Sunday – 0800 – Somewhere in the Scottish Highlands

At an industrial site in a remote glen the night watchman completes his rounds. All appears well. Unknown to him a faulty weld in an old section of pipe carrying heavy heating oil from a storage tank is giving way even as he fills in his logbook.

1400

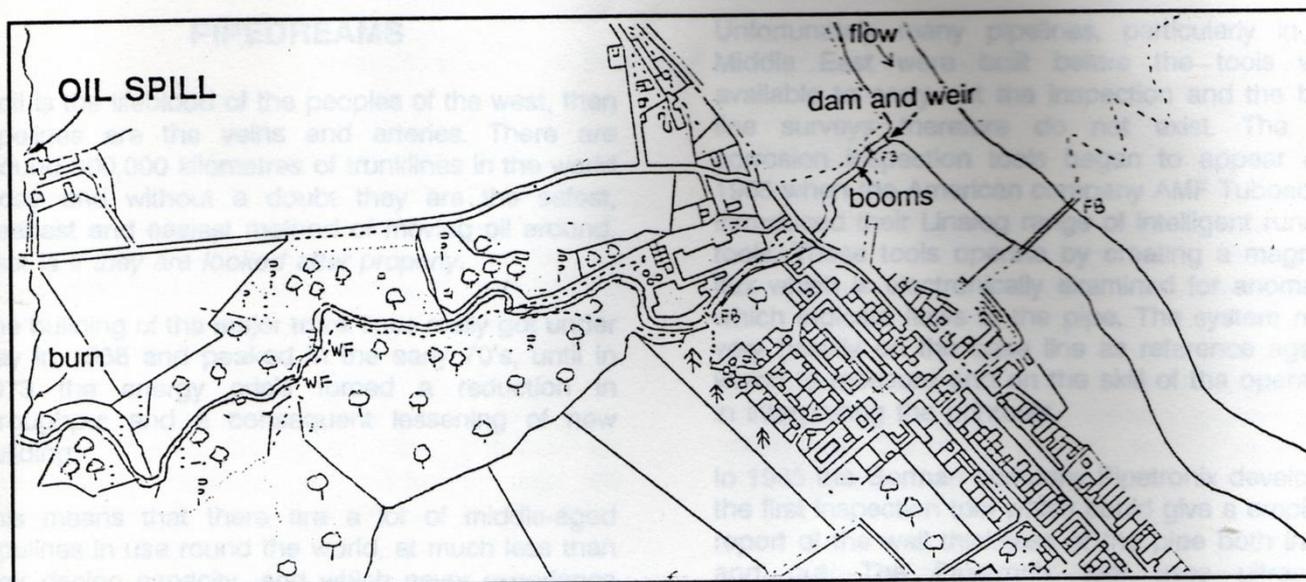
Because it's the weekend no one is around and the spill has gone unnoticed. The oil has been spreading across a concrete yard for six hours. It is already finding its way into the surface water drainage system. There are no interceptors fitted.

1624

The plant's surface water drainage system is a mixture of the original site drainage and new additions over the years as the plant has expanded. There are several dead end sections leading into the main drain, there are cracks and minor blockages. There has been little rain in the last few days. The oil moves slowly, but has already started to run out of the pipe's end and into the burn. It has also started to seep into the ground at several places in the drainage system.

1740

The small burn falls steeply down between two fields and runs into a larger watercourse. This minor river descends for about two miles through woodlands and two ravines before joining a major river at the outskirts of a village. The big river is one of Scotland's foremost fishing rivers, and the area an outstanding one for tourism. The first globules of black oil are already heading down the minor river.



1800

A local villager walks her dog by the side of the river. It is only when the her dog bounds back up the river bank, not quite the same colour that he bounded down, that she realises that something is wrong. Oil, in the form of globules and patches, is now floating out into the river.

1839

The owner of the dog (the latter quite unconcerned) calls in at the police station on the way home and angrily tells the policeman that there is oil in the river. The river is fast flowing but the water level is low. Oil is being dispersed rapidly downstream, and is beginning to come ashore on one bank in several places. The banks of the small burn are vegetated and now heavily oiled. The banks of the small river are stony in places, overgrown in others, and there are many rocks exposed in mid stream.

1850

The policeman has contacted the local river board, and has gone down to investigate at the river bank. The watchman has discovered the oil leak, and is phoning the plant manager.

1855

The manager has been alerted and phones both the site engineer and the foreman. The policeman has tracked the oil in the river to the mouth of its tributary.

2010

The first attempt has been made to stem the flow of oil at source by closing the requisite valve. This is successful, but already some 20 tons of heavy oil has escaped. At this stage it is not realised at the plant that the spill has travelled so far. A call from the police puts them in the picture. The local river inspector has arrived at the village. He realises that action must be taken at once to contain the worst of the oil before the main river becomes seriously contaminated. It has begun to rain.

2130

The foreman and two others start to block the drain outflow. The river board inspector arrives at the plant. Oil continues to flow down the small river.

2242

The plant possesses two inflatable booms, which are deployed in a relatively slow moving stretch of the minor river, a hundred yards above its mouth. The drain has been temporarily blocked but it has been raining for an hour and water and oil is building up – and backing up – in the system. The inspector has advised the plant manager to contact a pollution control company at once. It is now dark.

2300

It has been fifteen hours since the leak began and ten hours since it was discovered. Only now has a pollution control company been contacted. Its managing director immediately calls out his duty on-call team by radiopager. Some oil is contained by the inflatable booms, but as it builds up there is a continual escape of oil under them. The rain is now heavy.

Monday – 0030

The pollution company's response truck, carrying a comprehensive inventory of oil spill response equipment, is on its way, accompanied by a vacuum tanker and a Land Rover towing an air compressor. Workers from the plant are manually scooping oil out of the stream above the booms into barrels. With the rainfall the burn and small river are both rising. The rate of water flow has increased and more oil is piling up behind the booms and being carried away underneath them. However, they have significantly decreased the amount of oil escaping towards the main river.

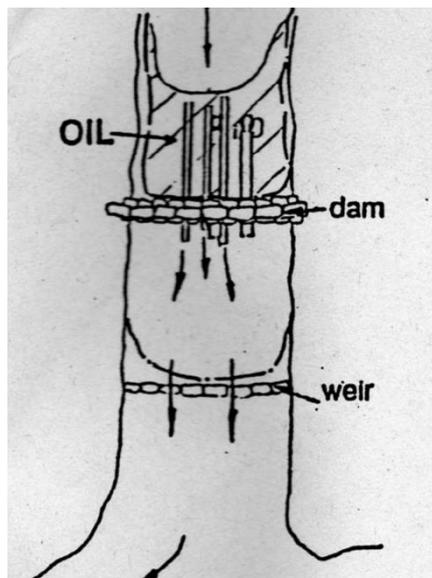
0200

After a somewhat stormy journey over the hills, the pollution control company's vehicles and personnel have arrived on site. The first priority is to contain the spill completely. After a site survey, it is decided to build a sandbag dam and weir (interceptor dam) down at the mouth of the smaller river, and a smaller one at the mouth of the drain. The dams will have underpasses to allow water to flow through underneath, and the water levels will be kept above the levels of the underpasses by means of the weir barriers constructed immediately downstream of each dam. This way, the oil will be trapped behind the underpass dams but the water can flow freely. The underpass dams are constructed by building sandbag piers which are then bridged over with strong wooden planks, on top of which more sandbags are placed to create a low wall that will retain the oil¹. The downstream weir, also constructed with sandbags², has the effect of locally raising the water level thus ensuring that the oil is held behind the underpass dams³. With the rise in water level due to the rain, oil has been carried up the banks in both the burn and the small river. The main river's level has risen slightly.

¹ An alternative to building a bridge type underpass dam is to use a few lengths of large diameter pipe to enable water to flow through. Pipes should be installed in the sandbag wall a little above the bottom of the watercourse. The number/size of pipes used must be enough to provide a sufficient safety margin to allow unobstructed flow of water even in spate conditions otherwise water will back up, the level will rise and trapped oil will lost over the top of the underpass dam. The bridge type underpass dam requires fewer sandbags and can be constructed more quickly than an underpass dam using pipes.

CASE HISTORY (CONTINUED)

In this sketch, the underpass dam illustrated is a pipeline underpass rather than a bridge type underpass dam, but the principle of operation is the same.



² It is recommended that heavy duty plastic sheeting be used to line the inner side of the weir dam and arranged to drape over the top of the dam. This protects the top of the weir dam from erosion caused by water flow over an extended period of time. Plastic sheeting can also be used to help to ensure that the upper part of the underpass dam makes an oil tight seal.

³ The height of the weir dam needs to be such that the underpass dam has sufficient freeboard to retain trapped oil.

O230

Fortunately, there is a pile of sand in a corner of the plant's premises. There is enough to fill sufficient sandbags to build both dams and weirs. All hands are set to work to fill bags and, with the aid of portable floodlights, construction starts. Again, fortunately there is good vehicle access to the dam site. This will be important later when oil recovery operations start.

O600

It's now daylight but still raining. Almost 1,000 bags have been filled and built up into the dams and weirs. Solidly built, they will last throughout the coming clean-up operations. No more oil can escape into the main river. No more oil can run into the burn. The first phase – CONTAINMENT – is complete.

TO BE CONTINUED NEXT WEEK

TRAINING

CEDRE - TRAINING: ON-SITE SESSIONS TO RESUME IN LATE AUGUST

Here at Cedre, true to our quality and environmental commitments, we are preparing to resume our on-site training courses in late August, while ensuring we fulfil our duty to protect our employees, trainers, trainees and suppliers. New measures have therefore been introduced due to the COVID-19 pandemic.

With this new organisation in place, we look forward to welcoming you at one of our inter or intracompany, standard or bespoke training courses. For further information please see the [training section of our website](#), our [training catalogue](#) and our [training calendar](#).

WEBINARS & ONLINE TRAINING

WEBINARS FROM OSRL

Remote [IMS100](#) and [IMS200](#) training is now available in Spanish and can be booked on the website. For our full course schedule visit our [Training Page](#).

Our popular free webinar series has been updated with:

- | | |
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Previous webinar recordings now available to view are:

- [The Treasure Oil Spill: 20 Years On](#) – What one of the largest animal rescue missions in history can tell us about wildlife response preparedness
- Preparedness Priorities in Onshore Activities (in [English](#) and in [Spanish](#))

These and other webinar recordings can be accessed [here](#).

WEBINARS FROM GI WACAF

Preparedness and response to oil spills: focus on the international legal framework 15 Jul 2020, 2:00pm BST

This live webinar with experts from the International Maritime Organization (IMO) and the International Oil Pollution Compensation Funds (IOPC Funds) will be dedicated to the international legal framework, which governs many aspects of oil spill preparedness and response at the global and national levels.

[More info and registration](#)

USA: RAILCAR ETHANOL EMERGENCY RESPONSE WEBINARS FROM TRANSCAER

These are virtual events. You will receive additional information after registering. [More info and registration](#)

Wed, 07/15/2020 05:00 PM to 09:00 PM CDT
Wed, 08/12/2020 12:00 PM to 04:00 PM CDT
Thu, 08/13/2020 08:00 AM to 12:00 PM CDT
Tue, 09/15/2020 08:00 AM to 12:00 PM CDT
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Wed, 10/14/2020 05:00 PM to 09:00 PM CDT
Thu, 10/15/2020 12:00 PM to 04:00 PM CDT
Thu, 11/05/2020 08:00 AM to 12:00 PM CDT
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ONLINE TRAINING FROM CEDRE

Following a feasibility and development study conducted as part of our technical programme, Cedre embarked on the digital transition of its training activities in 2017. Seeking partnerships to develop these new tools and in particular to create a dedicated hosting platform, Cedre and the [International Office for Water](#) decided to work together. It was through this collaboration that our online training centre came to fruition and was opened to the public in early April. This platform has become an integral part of Cedre's learning ecosystem and allows the participants enrolled in our on-site courses to access the learning materials and additional resources before, during and after the course. By creating an account, trainees can chat with the other participants in their group and with the trainers. In this way, Cedre can keep in touch with trainees and provide long-term personalised support. In June, Cedre also released two 2-hour e-learning modules: one on surveying sites polluted by oil and the other, developed with support from the [Region of Brittany](#), on the behaviour of chemicals spilt in water. The English version of these modules will be released during the summer, and the platform is also due to be translated into English in full in the coming months. Want more information, fancy giving it a go? [Pop along to our online training centre!](#)

SCIENCE & TECHNOLOGY

BETTER OIL-DETECTION SENSORS REDUCE COST OF OILY BILGE WATER DISPOSAL



Around the world people have agreed upon the importance of keeping our waters clean and regulations are set internationally and domestically by regulatory bodies to keep pollution levels in check. In international waters, the International Maritime Organization (IMO) limits bilge water discharges to 15ppm. The U.S Coast Guard (USCG) also limits the discharge of oil in bilge water to 15ppm in US territorial waters and further limits special use areas, such as inland waterways and the Great Lakes where vessel operators must adhere to a 5ppm discharge limit or a total restriction on vessel discharges. Violations of these regulations can result in large fines as well as criminal prosecution.

Light scattering detection technology works by shining a laser light into an oily waste water sample. This laser gets reflected off various molecules in the water, attenuating the light energy before it is absorbed by photo detectors on the opposite side of the cell. The scattering of light in general is dependent upon the oil droplet size and refractive index as well as the concentration of droplets. This ratio of light energy in to light energy out correlates to a concentration level in parts per million.

Steve Ketchum brings over a decade of experience onboard Navy ships to his position as the Director of Product Development & Environmental Product Management at NAG Marine and has had ship efficiency in mind when working with Turner Designs Hydrocarbon Instruments in developing NAG's latest oil content monitor. "The laser light is not discriminating," Ketchum explains. "In other words, it cannot tell if a molecule is oil, particulate, or sediment. In situations where there is a lot of turbidity, the light in / light out ratio of a light-scatter oil content monitor will interpret this as a high concentration of oil and you'll waste a lot of man-hours trying to fix a false positive high alarm."

By focusing readouts on a specific wavelength, a fluorescence-based monitor can ignore solids such as rust or silt and is less affected overall by turbidity, ultimately preventing false positive high readouts. Fluorescence is also capable of detecting ultra-emulsified oils to the parts per billion level, far greater than competing light scatter OCMs.

By putting proper oil detection technology in place, it is possible to save man-hours and the enormous costs associated with pumping oily-waste off to a barge or replacing an oily water separator system. NAG Marine's TD-107s features a small footprint and offers a modular, removable detection cell for simple swap-out by the end-user via plug-and-play connections. It is IMO MEPC.107(49) Compliant and US Coast Guard approved. The Maritime Executive / [Read more](#)

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 sent to the Editor.

COUNTRY	2020	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
USA	July 6 -	Clean Pacific Conference	Internet
USA	August 3-5	Clean Waterways Conference & Exhibition	Indianapolis, IN.
USA	August 17-20	Science of Chemical Releases (SOCR)	Seattle/Online TBA
ESTONIA	August 25-27	BALEX DELTA 2020 pollution response exercise	Talinn
USA	CANCELLED	HazMat Emergency Response Workshop	Sacramento, CA
USA	Sept. 8-11	Oil Spill Response Strategies & Tactics Training	Leonardo, NJ
AUSTRALIA	Sept. 15-17	Ecoforum Conference & Exhibition (Virtual)	Internet
ICELAND	Sept. 28-30	International Symposium on Plastics in the Arctic and Sub-Arctic Region	Reykjavik
MALTA	October 6-7	Regional Meeting of National Experts on the Post-2021 Mediterranean Strategy for Prevention of and Response to Marine Pollution from Ships	Valetta
UK	October 12-13	EI Hazardous Area Classification	London
UK	October 19-23	IMO Marine Environment Protection Committee	London
USA	October 20-22	Clean Gulf Conference & Exhibition	San Antonio, TX
CANADA	October 27-29	Arctic Shipping Forum North America	Montreal
MONACO	October 27-29	Regional Workshop to enhance Marine Oil and HNS regional cooperation in the Mediterranean (MEDEXPOL 2020)	Monaco
UK	November 2 -	Meetings of the IOPC Funds' governing bodies	London
NETHERLANDS	November 4-5	European Environmental Ports Conference 2020	Rotterdam
GREECE	POSTPONED	Posidonia 2020	Athens
UK	December 2-3	Salvage & Wreck Removal Conference	London
BAHREIN	December 7-8	EI Middle East HSE Forum	Bahrein
COUNTRY	2021	TITLE OF EVENT	LOCATION
FRANCE	March 23	CEDRE Information Day on Containers	Paris
USA	May 10-13	International Oil Spill Conference (IOSC 2021)	New Orleans, LA
MALTA	May 25-27	Fourteenth Meeting of the Focal Points of the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC)	Valetta
CANADA	June 8-10	43rd AMOP Technical Seminar on Environmental Contamination and Response	Edmonton, Alberta
USA	June 28-30	Clean Pacific Conference & Exhibition	Seattle, WA
COUNTRY	2022	TITLE OF EVENT	LOCATION
NETHERLANDS	Details TBA	Interspill Conference & Exhibition	Amsterdam

MESSAGES FROM EVENT ORGANISERS

USA: CLEAN PACIFIC ON DEMAND

Access sessions that were scheduled to take place at the live CLEAN PACIFIC Conference in our on-demand portal, which includes five sessions and panel discussions that you can watch when it works for your schedule!

In addition, the portal includes a directory of our sponsors for you to browse and learn about new products and services available for spill prevention and response.

[Sign up](#) to access CLEAN PACIFIC On-Demand. *Once you sign up, you'll have unlimited access to the content in the portal for the next year.*

MESSAGES FROM EVENT ORGANISERS (CONTINUED)

Preparing your Incident Management Team (IMT)

This session will help prepare IMT's to identify tools available to prepare, test, and exercise effectively. PHMSA will present on a project to develop instrumental ICS videos for response. Also included will be a discussion on unannounced exercise implementation and a review of the Canadian Pacific Railroad exercise from October 2019.

Moving the Needle on Abandoned and Derelict Vessels: Recommendations to Strengthen State and Federal Capacity to Address a Growing Threat

In this panel, we will discuss and brainstorm effective strategies for implementing 38 recommendations from a Jan 14, 2020 report by the Pacific States / British Columbia (BC) Oil Spill Task Force (Task Force): Abandoned and Derelict Vessel (ADV) Blue-Ribbon Program for Western U.S. States (Blue-Ribbon Program).

Case Studies: Successful Response Communications

This session will focus on two recent events where quick responses, spill prevention procedures, and good crisis communications protected both people and the environment. The audience will hear about tangible ways that state and federal entities can engage with indigenous communities, and about how good spill prevention procedures lead to successful responses.

Crisis Leadership Challenges and Advancements

This session will provide an opportunity to highlight challenges and advancements in response crisis leadership by a panel of qualified response experts.

Emerging Non-Floating Oils Issues

This session will look closely at emerging assessment technologies for non-floating oil spill response; specifically, how older technology applications are being put toward new uses.

Webinar: Preparedness & Response Considerations During the Coronavirus Pandemic

[Click here](#) to watch on-demand.

Moderator: Stephen Pepper, Director, Crisis Management, Phillips 66. Speakers:

Response Site Health and Safety Considerations

Paul Hart, CIH, CSP, CTEH

Response and Exercise Programs in a Virtual World

Dustin White, Response Manager & Training Advisor, The Response Group

Managing Incident Investigations in the COVID Era

Matt Kuryla, Partner, Baker Botts

USA: CLEAN WATERWAYS CONFERENCE & EXHIBITION

We're continuing to plan for a face-to-face event, but we are adding virtual components for those who can't attend in person. Providing this community with a platform where they can attend or view sessions covering spill prevention and response in the inland environment and experience the latest solutions and technologies is our top priority, and we're dedicated to making CLEAN WATERWAYS 2020 as accessible as possible.

Attendees can [register today](#) and plan to attend the face-to-face event in August, and should any health concerns or travel restrictions prevent them from attending, their registration will easily transfer to the virtual experience, which will also feature expert-led sessions and a directory of all the exhibitors and sponsors.

AUSTRALASIAN LAND & GROUNDWATER ASSOCIATION

Two major eConferences now conveniently side by side –

- New Zealand Land & Groundwater Conference 2020 - 14th September
- ECOFORUM 2020 – 16th and 18th September

For this year only, ALGA has established a first ever virtual event-duo, which joins together a new New Zealand Land & Groundwater Conference', and 'EcoForum 2020'. [More info & registration](#)

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

[ALGA Cronicle](#)

[AMSA Update](#)

[ATRAC Newsletter](#)

[AUSMEPA Bulletin](#)

[BIMCO Bulletin](#)

[Newsletter from George Holliday](#)

[Cedre Newsletter](#)

[Clean Nigeria Associates Newsletter](#)

[EMSA Newsletter](#)

News from Australasia on Contaminated Land Remediation

Latest News from the Australian Maritime Safety Authority

News from the Adriatic Training and Research Centre

News from the Australian Marine Environment Protection Assoc'n

Marine and shipping-related news from BIMCO

News and commentary on HSE issues from George Holliday

News from Cedre in Brittany, France

News from CNA about Oil Spill Response in Nigeria

News from the European Maritime Safety Agency

April 2020

Current issue

December 2019

Summer 2020

June 2020

On request email

May 2020

Publication paused

Current issue

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS (CONTINUED)

Environmental Expert	Environmental News from Environmental Expert	Current issue
GEF Newsletter	Monthly Newsletter from the Global Environment Facility	Subscription
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	Q2 2020
IMO News Magazine	News from the International Maritime Organization	Summer 2020
IMO Publishing Newsletter	New and forthcoming IMO publications	June-July 2020
ITOPF Ocean Orbit	News magazine from ITOPF with interesting spill response articles	October 2019
JOIFF "The Catalyst"	Int'l Organisation for Industrial Hazard Management	Q2 2020 issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	March–April 2020
MEDNEWS	News from UNEP Mediterranean Action Programme	02 / 2020
MOIG Newsletter	News from the Mediterranean Oil Industry Group	January 2020
NCEC Newsletter	News from the National Chemical Emergency Centre	March 2020
Nautical Institute News	News from the Nautical Institute	Jan.–Feb. 2020
Navigate Response	Global crisis communications network for shipping & marine	June 2020
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	May 2020
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Spring 2020
OSPAR Newsletter	Protecting & Conserving the N.E. Atlantic and its resources	End of year 2019
PEMSEA Newsletter	Healthy oceans, people and economies in the East Asian Seas	March 2020
Pollution Online Newsletter	News for pollution prevention & control professionals	Current issue
Safe Seas, Clean Seas	Quarterly Newsletter from Maritime New Zealand	July 2018 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
Technology Innovation News Survey	News from US EPA – Contaminated Site Decontamination	May 1-15, 2020
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	July 1, 2020
WestMOPoCo	Western Mediterranean Region Marine Oil & HNS Pollution Cooperation	January 2020

Your editor depends on regular receipt of updated URL links for listed publications. If these are not received, relevant entries will be discontinued.

PUBLICATIONS

NEW PUBLICATION FROM CEDRE - POLLUSTATS 2019

Worldwide Spill Statistics - https://wwz.cedre.fr/en/content/download/10393/file/Pollustats_2019_webEN.pdf

NEW ISSUE OF THE IMO NEWS MAGAZINE

Download at https://issuu.com/imo-news/docs/imo_news_-_spring_summer_-_2020

NEWS FROM ISCO MEMBERS

LAMOR CLEANS UP ENVIRONMENTAL INCIDENTS IN LATIN AMERICA DESPITE COVID-19 CHALLENGES

Corena, a Lamor group company, has been responding to the ongoing environmental incident in the Amazon rainforest, in Ecuador, for the past 3 months. 500 operators working on the spill, 43 different work points, approximately 52 kilometres of river bank cleaned, 282 792 man hours without incidents, 5 work bases with 70 work boats supporting the bases and 7 health control points to make sure that our employees are safe and healthy. LAMOR / [Read more](#)

CONTRACTS, TENDERS & 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

USA - Government solicitations are frequently posted in Technology Innovation News Survey and US EPA Tech Direct.

EUROPE – 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.

ISCO Members are welcome to post tender invitations in this section.

JOB VACANCIES

Currently available job vacancies can also be viewed at <http://spillcontrol.org/2013-02-05-11-11-41/job-vacancies>

IMO – POSITION AS TECHNICAL OFFICER WITH MARINE ENVIRONMENT DIVISION

ORGANISATION
MARITIME
INTERNATIONALE



INTERNATIONAL
MARITIME
ORGANIZATION

ORGANIZACIÓN
MARÍTIMA
INTERNACIONAL

London-based. Reporting to the Deputy Director, Sub-Division for Implementation, Marine Environment Division, the Technical Officer plans and coordinates organizational programmes, projects, activities and policies related to marine oil and chemical pollution preparedness and response. Deadline for applications: 4 August 2020. For full details visit <http://www.imo.org/en/About/Careers/vacancies/ProfessionalCategory/Documents/V.N.%202020-03%20Technical%20Officer%20%28OPRC%29%20%28P.4%29%20SDI%2c%20MED.pdf>

CAREER OPPORTUNITIES AT THE U.S. CHEMICAL SAFETY BOARD



- Chemical Incident Investigator, GS-1801-11/12 (MP/Government-wide & Special Authorities): <https://www.usajobs.gov/GetJob/ViewDetails/572651800> (closes (07/27/2020))
- Chemical Incident Investigator, GS-1801-11/12 (DE/All U.S. Citizens): <https://www.usajobs.gov/GetJob/ViewDetails/572651000> (closes (07/27/2020))

INCIDENT REPORTS

USA: NOAA OR&R INCIDENT RESPONSES FOR JUNE 2020

Every month OR&R 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 possible effects on wildlife and fisheries and estimates on how long the oil may stay in the environment.

This month OR&R responded to 20 incidents, including oil discharges, sunken vessels, and other pollution-related incidents.

Click on the links below for more details –

[Bloom Reported as Oil M/V Old Hat](#)
[Sunken Pleasure Craft Matia Island, WA](#)
[M/V Hoegh Xiamen](#)
[Tropical Storm Cristobal](#)
[Tug Lee W - Barge Collision, Bolivar. TX](#)
[T/B PML-2501](#)
[Crude Oil Discharge in Baptiste Collete Bayou area](#)
[TPIC Romere Pass, Delta National Wildlife Refuge, Oil Spill](#)
[F/V Rebecca Mary](#)

[Whitney Tank Battery 49 Garden Island Bay Oil Spill](#)
[Savoonga Mystery Substance](#)
[FV Stormie B](#)
[T/V Aquila Vegetable Oil Spill](#)
[Whitney Oil and Gas Spill Well #256](#)
[TPIC 2-69 Well Unit 2 Delta Duck Oil Spill](#)
[Right Whale Strike NJ](#)
[MV OCEAN SPRAY](#)
[Sailing Vessel Aground Whidbey Island, WA](#)
[Destin Operating Wellhead Leak](#)

[Most notable incidents with more details and photographs](#)

PHILIPPINES: HUNDREDS EVACUATED AFTER OIL SPILL

Follow-up on the report in last week's ISCO Newsletter ...

July 6 - More than 400 people have been evacuated from a coastal village in the central Philippines after some 250,000 liters (66,000 gallons) of bunker fuel spilled from a power-generating barge into the sea, an official said Monday.

July 7 - Independent probe on Iloilo oil spill starts - ILOILO CITY Investigators are conducting an independent probe on the explosion at a power barge here last July 3 that caused more than 200,000 liters of oil to leak out at sea.



July 9 - **Oil spill cleanup in Iloilo City continues.** The PCG said that approximately 32,000 liters have been recovered in all the spillage points since the incident happened on July 3, where at least 48,000 liters of oil spilled into the Iloilo Strait following the explosion of one of the tankers of Power Barge No. 102. The recovery operations for the remaining 8,000 liters of bunker oil that spilled into the waters of Barrio Obrero in Lapuz district, Iloilo City continues on Thursday, July 9. The operations were led by the Philippine Coast Guard Iloilo Station and the Marine Environmental Protection Unit of Western Visayas. The PCG Station-Guimaras also conducted recovery operations as the spilled oil had reached Barangay Hosky, Jordan, Guimaras.

Manila Bulletin / [Read more](#)

USA: CREWS READYING HEAVY LIFT VESSEL VB-10000 FOR GOLDEN RAY SALVAGE

Photo: The VB-10000 arrives at the Port of Fernandina in Florida, July 3, 2020. U.S. Coast Guard Photo

July 6 - The twin-hulled heavy lift vessel VB-10,000 has arrived at the Port of Fernandina in Florida for its final modifications as it prepares to cut up and remove of the capsized Golden Ray in St. Simons Sound, Georgia. Versabar's VB-10000 arrived at the port on the morning of July 3.

While there, crews will make modifications to the rigging beams on the heavy lift vessel's 255-foot tall gantries and conduct function checks prior to heading to St. Simons Sound in early to mid-July.

gCaptain / [Read more](#)



UKRAINE DETAINS SUSPECTED RUSSIAN AGENT ACCUSED OF PLOTTING A CHEMICAL SPILL

July 8 - Ukraine's security service has detained a suspected Russian agent who was allegedly planning to blow up an ammonia tank in the country's war-torn east. The man was reportedly caught red-handed in the city of Severodonetsk, a few dozen miles away from the separatist-controlled area, as he was retrieving two grenade launchers from a weapons cache for the attack that was supposed to blow up a 3.5 tonne ammonia tank at a local chemical plant. The Telegraph / [Read more](#)

Stop Press – Breaking News

YEMEN: UN TO HOLD CRISIS TALKS AS DECAYING YEMEN TANKER RISKS DISASTER

July 12 - The UN Security Council will hold a special meeting on July 15 to discuss the crisis, after water entered the vessel's engine room "which could have led to disaster", UN spokesman Stephane Dujarric said on Friday. He said prospects for a mission to the site have been revived, and that if an inspection team is allowed on board it will conduct light repairs and determine the next steps. "We hope logistical arrangements will be quickly completed so this work can begin," he said. UK Yahoo News / [Read more](#)

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