

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

ISCO COMMITTEE & COUNCIL
ISCO is managed by an EXECUTIVE

Directors

- Mr David Usher, President (USA)
- Mr Neil Marson, Secretary General (UK)
- Mr John McMurtrie, VP and Editor (UK)
- Ms Mary Ann Dagleish, VP M'ship (USA)

Committee Members

- Mr Li Guobin (China)
- M. Jean Claude Sainlos (France)
- Mr Kerem Kemerli (Turkey)
- Mr Marc Shaye (USA)
- Mr Dan Sheehan (USA)
- Captain Bill Boyle (UK)
- Lord Rickaby (UK)
- Mr Matthew Sommerville (UK)

Assisted by COUNCIL

(National Representatives)

- Mr John Wardrop (Australia)
- Mr Osman Tarzumanov (Azerbaijan)
- TBA (Brazil)
- Dr Merv Fingas (Canada)
- Captain Davy T. S. Lau (China)
- Mr Darko Domovic (Croatia)
- Eng. Ashraf Sabet (Egypt)
- Mr Torbjorn Hedrenius (Estonia)
- Mr Pauli Einarsson (Faroe Islands)
- TBA (Greece)
- Captain D. C. Sekhar (India)
- Major Ben Benny (Israel)
- Mr Sanjay Gandhi (Kenya)
- Mr Dennis van der Veen (Netherlands)
- Chief Kola Agboke (Nigeria)
- Mr Carlos Sagrera (Panama)
- TBA (Singapore)
- Mrs Fatima B. Shaik (South Africa)
- Dr Ali Saeed Al Ameri (UAE)
- Mr Kevin Miller (UK)
- Dr Manik Sardessai (USA)

INTERNATIONAL NEWS

CLICK ON THE BANNERS BELOW FOR MORE INFORMATION



International Oil Spill Conference

IOSC 2021

May 10-14 | Virtual Conference



Spill Prevention, Response & Remediation
in the Western United States & Canada

AUGUST 17-18, 2021

HYATT REGENCY LAKE WASHINGTON

Register to attend in-person or virtually & save \$50 with VIP code ISCO



Spill Prevention &
Response for Inland
Regions & Waterways

SEPT. 14-15, 2021

GALT HOUSE HOTEL, LOUISVILLE, KY

Register to attend in-person or virtually &
save \$50 with VIP code ISCO



NOVEMBER 16-18, 2021
Henry B. Gonzalez Convention Center | San Antonio, TX

Celebrating 30 Years
Serving the Spill
Prevention &
Response Industry

USE VIP CODE **ISCO** TO REGISTER
FOR THE IN-PERSON OR VIRTUAL
EXPERIENCE AND SAVE \$50

ONE OF THE LARGEST EFFORTS TO PROTECT THE PLANET'S OCEANS UNDERWAY



A new ocean conservation initiative is underway to catalyze the protection and conservation of 18 million square kilometers of the ocean (7 million square miles) over the next five years - an area twice the size of the continental United States and larger than the continent of South America.

The effort, called the Blue Nature Alliance, is a collaboration led by Conservation International, The Pew Charitable Trusts, the Global Environment Facility, Minderoo Foundation, and the Rob and Melani Walton Foundation. The Alliance aims to expand

MEMBERSHIP OF ISCO

[Benefits of Membership](#)
[Online Membership Application Form](#)

ADVANCE YOUR CAREER BY GAINING PROFESSIONAL RECOGNITION.

Professional recognition is a visible mark of quality, competence and commitment, and can give you a significant advantage in today's competitive environment.

All who have the relevant qualifications and the required level of experience can apply for Professional Membership of ISCO.

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

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

[About Professional Membership](#)
[Professional-membership application form](#)

TO RECEIVE THE FREE ISCO NEWSLETTER

Go to www.spillcontrol.org and enter your name and email address in the Registration Form (located on the right-hand side of the home page) then click on "subscribe"

INTERNATIONAL NEWS (CONTINUED)

and enhance ocean protections with a focus on working alongside indigenous peoples and local communities, scientists and academia, and other partners.

The Blue Nature Alliance is working with governments and other partners on large-scale efforts in Fiji's Lau Seascape, Antarctica's Southern Ocean, and Tristan da Cunha to collectively secure protections over 4.8 million square kilometers (1.9 million square miles) of the ocean. The Alliance will soon engage in efforts in Canada, Palau, Seychelles, and the Western Indian Ocean. This will aim to strengthen and enhance the protection of nearly 2 million square kilometers (734,000 square miles) of the ocean. A pipeline of 18 additional Blue Nature Alliance engagements has been identified across North and South America, Europe, and the Asian Pacific region. The Blue Nature Alliance will announce the next round of locations in summer. The GEF / [Read more](#)

OTHER INTERNATIONAL NEWS IN BRIEF

APRIL 20 – IPIECA: ACCELERATING ACTION: AN SDG ROADMAP FOR THE OIL AND GAS SECTOR

Building on the IPIECA-UNDP-IFC *Mapping the oil and gas industry to the Sustainable Development Goals: An Atlas* and the WBCSD *SDG Sector Roadmap Guidelines*, the *Roadmap* highlights 10 priority SDGs where the industry can have the biggest impact by driving innovations in its own operations and across the supply chain. These 10 SDGs underpin 8 impact opportunities in 3 interconnected themes: climate, nature and people. IPIECA / [Read more](#)

APRIL 20 - ISU MEMBERS PROVIDED VITAL SERVICES TO VESSELS CARRYING 2.5 MILLION TONNES OF POTENTIAL POLLUTANTS IN 2020

Members of the International Salvage Union (ISU) provided 191 services to vessels carrying 2,538,210 tonnes of potentially polluting cargo and fuel during operations in 2020. It demonstrates the critical role of professional salvors in protecting the marine environment. The data come from the results of the ISU's Annual Pollution Prevention Survey for operations in 2020. ISU / [Read more](#)

APRIL 20 - PEMSEA HOLDS VIRTUAL TRAINING ON CLAIMS AND COMPENSATION FOR OIL POLLUTION FROM SHIPS

Oil spills and compensation payouts totaling millions of dollars have recently been hogging the headlines worldwide. In Sri Lanka, the government has been seeking compensation for the damage to its environment caused by an oil spill from a Greek cargo ship.¹ In March, Thailand's national upstream company PTTEP lost a landmark oil spill case against a class action suit brought on behalf of 15,000 seaweed farmers who allegedly lost their livelihood due to the 2009 oil spill at the operator's Montara field offshore Australia.² And in Viet Nam, the Prime Minister has issued updated regulations on oil spill response that will take effect in May.³

Recognizing the importance of addressing oil pollution and compensation from ships, PEMSEA organized a virtual training workshop on April 20-22, 2021 as part of the Gulf of Thailand (GOT) Framework Programme and Strategic Action Plan 2017-2021. The training workshop was organized for the GOT countries (Cambodia, Thailand and Viet Nam) and has been expanded to include participants from the PEMSEA Network of Learning Centers (PNLC) and PEMSEA Network of Local Governments (PNLG). PEMSEA / [Read more](#)

APRIL 21 - THIS EARTH DAY, JOIN #GENERATIONRESTORATION WITH ALEC BALDWIN

[Earth Day](#) recognises the Earth and its ecosystems as humanity's common home and the need to protect her to enhance people's livelihoods, counteract climate change, and stop the collapse of biodiversity. The theme for 2021 is *Restore our Earth*. This Earth Day, join Alec Baldwin and become a part of [#GenerationRestoration](#) UNEP / [Read more](#)

APRIL 21 - MED NEWS NEWSLETTER (APRIL 2021)

The April 2021 issue of the UNEP/MAP-Barcelona Convention Secretariat's newsletter "MED News", produced by INFO-RAC, is now available online. Open the newsletter on the INFO/RAC website: <http://www.info-rac.org/en/communication/newsletter/med-news-01-2021> Read the newsletter editorial titled 'Full steam ahead' by Gaetano Leone, Coordinator, UNEP/MAP-Barcelona Convention Secretariat.

Full steam ahead by Gaetano Leone – "I will retire on 30 June 2021 after thirty-three years with the United Nations, including an action-packed seven years as the Coordinator of the UNEP/MAP-Barcelona Convention Secretariat. During these years, I have had the pleasure to work with exceptional and committed individuals and teams representing the Contracting Parties to the Barcelona Convention, the Secretariat and our partners, and I will keep fond memories of what was achieved under the banner of environmental multilateralism in this beautiful, but challenging basin". UNEP / [Continue reading](#)

APRIL 22 - PREPARATIONS UNDERWAY FOR THE EAST ASIAN SEAS CONGRESS 2021

The Partnerships in Environmental Management for the Seas of East Asia (PEMSEA) has formally kickstarted its preparations for the

OTHER INTERNATIONAL NEWS IN BRIEF (CONTINUED)

upcoming East Asian Seas (EAS) Congress 2021, with online events lined up from June 2021 to culminate in a virtual two-day event to be held on 1-2 December, hosted by the Royal Government of Cambodia.

In celebration of Earth Day, PEMSEA has launched the [EAS Congress 2021 website](#) to provide more information on the event, and enable participants and potential partners/collaborators to subscribe to updates such as the important days to remember, registration process, and events programme and access a dynamic platform for knowledge sharing and collaborative action. PEMSEA / [Read more](#)

APRIL 23 – IOPC FUNDS REGIONAL WORKSHOP ON CLAIMS AND COMPENSATION FOR OIL POLLUTION FROM SHIPS

Claims Manager, Chiara DellaMea and Claims Administrator, Chrystelle Collier participated, together with ITOPF and the International Group of P&I Associations, in a regional workshop on claims and compensation for oil pollution from ships, held from 20 to 22 April. The online training was organised by PEMSEA (Partnerships in Environmental Management for the Seas of East Asia) for the benefit of States in the Gulf of Thailand. Focusing on the international liability and compensation regime for oil spills from tankers, the workshop aimed to raise awareness and strengthen knowledge of the compensation process, including the preparation and submission of claims for oil pollution damage following a spill.

Around 50 participants from PEMSEA partner countries, including Cambodia, China, Indonesia, the Philippines, Thailand and Vietnam, as well as from the PEMSEA Network of Learning Centres and Local Governments, attended the training. IOPC Funds / [Read more](#)

NEWS REPORTS FROM AROUND THE WORLD

CANADA: EARTH DAY 2021: STATEMENT FROM THE MINISTER OF ENVIRONMENT AND CLIMATE CHANGE, THE HONOURABLE JONATHAN WILKINSON

April 22 - "Today, the world marks Earth Day – an annual opportunity to celebrate and cherish our natural environment. "The borderless COVID-19 pandemic reminds us daily that our health as human beings is collectively linked to the health of our natural environment. Earth Day is a chance for us all to reflect on our relationship with nature, its biodiversity and the many ways our environment is facing challenges due to climate change.

"As Canadians, we know that the world we pass along to our children and grandchildren must be clean, healthy and prosperous. "Budget 2021, released earlier this week, invests an historic \$17.6 billion to continue charting the path to a healthier future, with a cleaner, stronger, more sustainable economy. With targeted investments to protect more nature, help Canadians upgrade their homes to be more energy efficient, and foster innovation in Canada's thriving clean technology sector, this year's Budget will help Canada build on the work already underway to recover from the pandemic in a way that ensures our economic viability now and into the future. Government of Canada / [Read more](#)

CANADA: BREAKING DOWN CANADA'S NEW ENVIRONMENTAL LAW

April 22 - Canada's most important environmental law — the Canadian Environmental Protection Act (CEPA) — is getting an overhaul. Environment Minister Jonathan Wilkinson last week tabled a bill that, if passed, will bring sweeping updates to the main law protecting people and the environment from toxic chemicals and dangerous substances. Substances can be listed as "toxic" under CEPA if they pose a threat to human health, the environment and biodiversity, or both.

CEPA was last updated in 1999, and the number of toxic chemicals and substances sold in Canada has grown since. Researchers now better understand the health and environmental impacts of common chemicals and substances — from [phthalates](#), a [hormone-disrupting chemical](#), to [plastic](#). The unequal impacts of pollution are also better documented. National Observer / [Read more](#)

FINLAND: NEW WEBSITE - THE TREASURE TROVE OF FINNISH MARINE DATA



Everything you wanted to know about the Baltic Sea is now in one place. [MarineFinland.fi](#) gathers sea data and knowledge from nine Finnish organizations and institutes.

Environment continues to be a high priority for the Barents cooperation. Foreign Ministers of the four Barents countries - Finland, Norway, Russia and Sweden - emphasized it during the annual International Kirkenes Conference held on 17 February this year. "Environmental issues are high on the agenda of Barents cooperation. We have seen many success stories so far in the field of reducing pollution" says Finnish Minister for Foreign Affairs Pekka Haavisto. Environment Finland / [Read more](#)

ITALY: ISPRA WILL PARTICIPATE AT THE WORLD EARTH DAY 2021.

April 22 - Here are the initiatives which experts and researchers of the Institute are involved: [OnePeopleOnePlanet](#), and two webinar "[How to contribute with the tourism and the green action at the Planet sustainability?](#)" and "[Earth Tecnology Expo: Earth Day](#)". The theme chosen for World Earth Day 2021 is "Restore our Planet" in analogy with the start of the Decade for Ecosystem Restoration (2021-2030) which will be officially launched on 5 June 2021, with the aim of strengthening the restoration of degraded ecosystems to combat climate crises and improve food security, water supply and biodiversity. In Italy, the main event will be the second edition of OnePeopleOnePlanet, with a 13-hour live streaming program on the [RaiPlay](#) digital television channel. [ISPRA / Read more](#)

JAPAN: FUKUSHIMA TEN YEARS ON: LESSONS LEARNED

April 21 - Ian McKinley, Shinichi Nakayama and Susie Hardie consider how recovery has progressed at Fukushima Daiichi and what lessons can be learned for the future

THE GREAT TOHOKU EARTHQUAKE AND tsunami of 11 March 2011, which devastated north-eastern Japan, with the direct loss of over 18 000 lives and a legacy of displaced populations, damaged infrastructure and environmental pollution, has been ranked as the costliest natural disaster (≈ \$300 billion) in world history. The damage to coastal infrastructure was immense, with impacts from loss of services, costs of replacement and remediation of resultant pollution – including that from the destruction of over 70 sewage treatment plants and damage to over 3300 facilities handling oil and potentially toxic materials from the petrochemical industry. However, internationally this is not well known as most focus has been on only one of these incidents – the reactor core melts at Fukushima Daiichi nuclear power station.

The next major natural catastrophe to hit an industrialised country might look quite different, but such a disaster is certain to happen and its consequences will be even greater if we don't learn from the painful and costly experience gained in Japan. Nuclear Engineering International / [Read more](#)

NEW ZEALAND: MOSS EVALUATION SHOWS IMPACT AND OPPORTUNITIES FOR IMPROVEMENT

April 22 - An independent evaluation of the Maritime Operator Safety System (MOSS) shows its introduction just under seven years ago is contributing to safety outcomes on New Zealand commercial vessels, Maritime NZ said today. Early indications suggested an improved safety culture is developing and MOSS has heightened operators' awareness of hazards and safety procedures, the evaluation by independent research and evaluation consultancy, Litmus Ltd, found. Maritime NZ / [Read more](#)

NIGERIA: COUNTING COST: FAMILIES IN TEARS AS OIL SPILLAGE DESTROYS LIFE, LIVELIHOODS IN DELTA COMMUNITY

April 21 - For six hours, Arinze CHIJOKE travelled on water from Sapele to Opuama, a community in Delta State, to report the impact of an oil spillage that left many families in tears. The time was 10am in late March. Over 60 women, old and young, gathered outside the house of 90-year-old Julius Loboh, the oldest man in Opuama, a community in Egbema Kingdom, Warri North local government in Delta State.

"We are dying. There is no food. Our fishes are dead. Our trees are dead. We can't take it any longer," the women cried as they got ready to protest the latest oil spill that left one dead and many, especially children, suffering from varying kinds of sicknesses. Their men had gathered earlier to continue discussions on what to do next after the spill. Soon, the women got on boats and headed towards the Opuama flow station operated by the Nigeria Petroleum Development Company, NPDC, and Elcrest Exploration and Production, E&P Joint Venture, the companies said to be responsible for the spill. ICIR Nigeria / [Read more](#)

NIGERIA: BODO REMEDIATION PROJECT SUMMARY OF ACTIVITIES: 1 MARCH TO 21 APRIL 2021

April 22 - The Bodo Mediation Initiative (BMI) has the role to mediate and oversee the execution of the Bodo Project by working closely with all stakeholders including representatives of the Bodo Community, The Shell Petroleum Development Company of Nigeria (SPDC), Centre for the Environment and Human Rights and Development (CEHRD) and other Non-Governmental Organizations, and Nigerian State and Federal regulatory agencies.

This report is 15th summary report on the Bodo Remediation Project and covers activities undertaken since the last report issued on 3 March.

A major milestone has been completed with a peaceful transition of the entire Bodo Community cleanup work force of 800 workers. After 10 months of 6-days a week effort, a second group of 800 has been fielded after completing medical and swim certification, and receiving internationally certified IMO Level 1 First Responder training. 80 supervisors among the 800 workers also received IMO Level

2 for oil spill management. The efforts of all involved in making this happen are gratefully acknowledged, including His Royal Highness John Berebon, the BMI Chairman, the Bodo Contact Committee (BCC) and its Chairman, and the four Remediation Contractors.

Contractors are on track to collectively complete the Project in 2 years, ending in November 2022. Delays into 2023 may occur as harder areas are encountered, including work on illegal refineries and in areas of heavily oil-soaked sand.

[Note from editor: this is a very detailed report with many photographs and schematics. Unfortunately I have been unable to find a URL link for you to download and read the report. In order to receive a copy, please request from BMI Communications Officer - Bariton Lezabbey, BMICommunications2@gmail.com]

USA: LOCALS NEED FEDERAL HELP TO CLEAN UP ‘FOREVER CHEMICALS’

April 16 - The infrastructure debate should draw attention to a problem that is literally seeping into our ground and water. That is per- and polyfluoroalkyl substances or PFAS. The contaminants, which are used as a non-stick coating, to make fabrics stain resistant and water repellent, and as a fire-fighting foam among many other uses, has been found in nearly every American who has been tested for it.

Scientists estimate that 200 million Americans have drinking water contaminated by some type of the chemical, according to Scientific American. These chemicals are associated with higher risks for asthma, liver damage, thyroid disease, preeclampsia, high cholesterol and decreased fertility, according to an assessment by the Centers for Disease Control and Prevention's Agency for Toxic Substances and Disease Registry.

Because these chemicals are long lasting and easily move through the ground, water and air, PFAS contamination is widespread. Locating and cleaning up PFAS contamination should be a priority in any federal infrastructure legislation — or sooner.

Sens. Angus King and Susan Collins, and a small group of colleagues, have asked the Biden administration to allow states to use funds from the already-passed American Rescue Plan to address PFAS contamination. This makes sense.

"Around the country, there is a critical need for resources to better determine, assess, and mitigate PFAS contamination, as well as support those with contaminated lands and/or water," the senators, led by King, wrote in a letter to Treasury Secretary Janet Yellen this week. "As the Department of Treasury establishes rules and guidance for allocating American Rescue Plan (ARP) state, tribal, and local fiscal recovery funds, we request that those funds allocated for making 'necessary investments in water, sewer, or broadband infrastructure' be eligible for state, tribal, and local governments to use in their PFAS remediation plans."

Government Technology / [Read more](#)

USA: LATEST NEWS FROM NOAA OR&R

April 17 – Please click on the links below to read the latest News Reports from NOAA OR&R.

[NOAA Participates Virtually in Iceland Emergency Response Exercise](#)

On April 12-14 the Emergency Prevention, Preparedness and Response (EPPR) Working Group of the Arctic Council and the Arctic Coast Guard Forum (ACGF) held Arctic Guardian 2021, an international online emergency response exercise. The scenario involved a tanker and an expedition cruise ship collision 25 miles off the northern coast of Iceland resulting in both vessels damaged and adrift. EPPR is one of the six Working Groups of the Arctic Council. EPPR focuses on the prevention, preparedness and response to environmental emergencies, search and rescue, natural and manmade disasters and accidents in the Arctic. OR&R's Doug Helton is part of the U.S. delegation to EPPR; the U.S. delegation is led by USCG.

[OR&R's Disaster Preparedness Program Invests in Innovative Preparedness Valuation Research](#)

As part of the Disaster Preparedness Program's (DPP) commitment to continuously enhancing the value of program services to NOAA and partners across the country, DPP has embarked on an innovative research collaboration exploring strategies to quantify relationships between disaster preparedness activities and outcome metrics.

[\\$12 Million in Proposed Restoration on the Kalamazoo River Available for Public Comment](#)

On April 12, NOAA and our natural resource co-Trustees released a [Draft Supplemental Restoration Plan and Environmental Assessment](#) for the Kalamazoo River. The plan is open for public comment through May 14, 2021.

[2021 LEPC-Tribal Conference and Hazardous Materials Workshop](#)

On April 15 Lieutenant Commander Faith Knighton, Scientific Support Coordinator for the Pacific Northwest, presented an Office of Response and Restoration and Emergency Response Division overview at the virtual 2021 LEPC-Tribal Conference and Hazardous Materials Workshop hosted by the Washington State Emergency Response Commission.

USA: MARYLAND TAKES ENFORCEMENT ACTION TO PROTECT THE MAGOTHY RIVER

April 20 - The Maryland Department of the Environment and the Maryland Attorney General have filed a suit alleging that a waste

NEWS REPORTS FROM AROUND THE WORLD (CONTINUED)

management and recycling business in Anne Arundel County operated without required permits and in violation of an agreement to prevent water pollution from the site.

The lawsuit against Ecology Services Inc. states that Maryland Department of the Environment (MDE) inspectors have observed mud and sediment being tracked offsite. The facility's entrance, exit, parking area and fueling area are unpaved and exposed to stormwater — and stormwater from the exit mixes with stormwater from Baltimore-Annapolis Boulevard and is discharged to the Magothy River, the suit states. EIN News / [Read more](#)

USA: NEW YORK - AG JAMES, DEC COMMISSIONER SEGOS SECURE \$4 MILLION TO RESOLVE HAZARDOUS WASTE, OIL SPILL CONTAMINATION IN TONAWANDA

April 20 - New York Attorney General Letitia James and New York Department of Environmental Conservation Commissioner Basil Seggos announced a \$4 million agreement they said “resolves years of hazardous waste disposal and oil spill contamination at the former Tonawanda Forge site in Tonawanda, New York.” The agreement stipulates that American Axle & Manufacturing agrees to compensate the state of New York for costs associated with the state's cleanup of contamination at the site. NFP / [Read more](#)

USA: WILL BIDEN CANCEL MINNESOTA'S LINE 3 OIL PIPELINE?

April 22 - Biden's climate plan is the most ambitious effort ever proposed by a U.S. president, and it should go a long way in reducing the need for new pipelines like Line 3. But he will have to contend with competing voter demands for fighting climate change, providing jobs, and determining what is “safe” for the environment as the country shifts from dependence on fossil fuels to net-zero greenhouse gas emissions, a goal Biden hopes to achieve by 2050.

Shutting down Line 3 would be a small step toward the president's ultimate goal of reducing greenhouse gas emissions, but supporters of the pipeline say the project provides thousands of jobs and will minimize the risk of a spill. Beaulieu says the pipeline represents an infringement of their rights as Indigenous people and is an excuse to transport even more oil through their land when the fossil fuel industry is already declining—and the risk of a spill remains. The American Prospect / [Read more](#)

USA: DOD ANNOUNCES 2021 ENVIRONMENTAL AWARD WINNERS

April 22 - On tackling the climate change crisis, Secretary of Defense Lloyd J. Austin III said: "We will elevate climate as a national security priority, integrating climate considerations into the department's policies, strategies and partner engagements.

"Three priorities — defending the nation, taking care of our people and succeeding through teamwork — will guide our efforts," he added. In 2021, the DOD selected the following eight winners from 27 nominees: Dept. of Defense / [Read more](#)

PEOPLE IN THE NEWS

UK: TRANSPORT SECRETARY APPOINTS NEW CHAIR TO HM MARITIME AND COASTGUARD AGENCY



April 19 - The Secretary of State for Transport has appointed Christopher Rodrigues CBE as the new Non-Executive Chair of the Maritime and Coastguard Agency (MCA), the government agency charged with further enhancing the UK's position at the forefront of global shipping.

Mr Rodrigues brings extensive international experience as a chair of public, private and government sector bodies in tourism, the arts and public diplomacy and since 2016 as chair of the Port of London, Britain's largest port. MCA / [Read more](#)

USA: PRESIDENT BIDEN NOMINATES VICE ADM. LINDA FAGAN TO SERVE AS VICE COMMANDANT OF THE COAST GUARD

Photo: Vice Adm. Linda L. Fagan (left) presides over the Eleventh Coast Guard District change-of-command ceremony between Rear Adm. Brian K. Penoyer and Rear Adm. Peter W. Gautier on Coast Guard Island in Alameda, Calif., July 23, 2020. U.S. Coast Guard Photo

April 20 - President Biden has nominated Vice Admiral Linda L. Fagan to serve as Vice Commandant of the U.S. Coast Guard. If confirmed, Vice Adm. Fagan would be the first female four-star Admiral in Coast Guard history. Vice Admiral Fagan currently serves as the commander of the Coast Guard Pacific Area, a role she has held since June 2018. She concurrently serves as commander, Defense Force West and provides Coast Guard mission support to the Department of Defense and Combatant Commanders. gCaptain / [Read more](#)



UK NATIONAL STANDARD FOR MARINE OIL SPILL RESPONSE ORGANISATIONS

An article by Jayne Ede, Counter Pollution and Salvage Officer, MCA

Jayne Ede is a Counter Pollution and Salvage Officer for the UK Maritime and Coastguard Agency. She is responsible for the regulation of UK ports and harbours against OPRC legislation, regularly conducting liaison visits, audits and participating in exercises across Wales and the West of England. She is also one of the MCA's duty officers and works alongside colleagues across HM Coastguard, Government stakeholders, NGOs, subject matter experts and other Coastal States to respond to incidents involving actual or potential pollution or salvage. She has been in the role for 3 years and has a background in chemistry and operational incident response, having previously worked as a scientist for the UK Ministry of Defence.

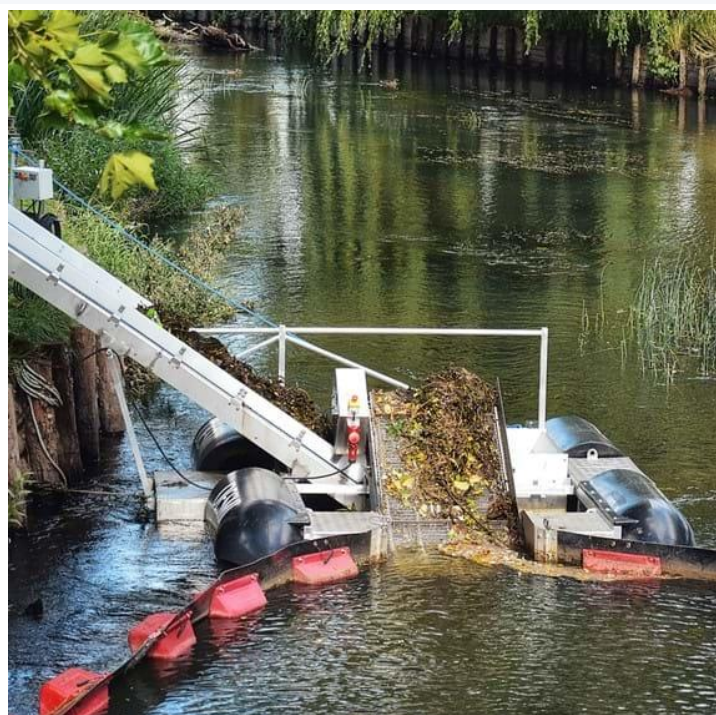
The UK National Standard for Marine Oil Spill Response Organisations (OSROs) is authored by two UK government bodies: the Maritime and Coastguard Agency (MCA), and the Offshore Petroleum Regulator for Environment and Decommissioning (OPRED) – and the Accrediting Bodies ISAS and the Nautical Institute. It was devised in 2018, and activated in 2019, and thereafter any OSRO in the UK wishing to provide 'Tier 2' services to UK ports and harbours, which according to UK legislation means incidents that cannot be dealt with at a local level, and require additional resource, must be accredited to this Standard.

OSROs apply for accreditation to the schemes therein that are relevant to their operations. These include dispersant application, inshore, offshore, shoreline, and oil and gas specific categories. The Standard and associated audit and exercise requirements aim to ensure that there is a consistency of response to oil pollution events across the UK.

As custodian to the Standard, I was pleased to invite all stakeholders representing 13 UK OSROs, the UK Government, and the Standard's Accrediting Bodies to meet on the 17th March 2021 to discuss its implementation. The virtual meeting was the first of its kind, and provided a forum to discuss not only the Standard document itself and associated exercise and audit processes, but also the innovations and challenges that OSROs have implemented and overcome due to COVID-19. With discussions ranging from equipment deployment, to COVID-19 testing best-practice, to engagement with local communities during response, and even to the logistics of feeding teams with no local amenities open for business, we all benefitted from the wide-ranging experiences of our peers in the field of oil spill response. This also included the valuable sharing of knowledge between OSROs with vastly different portfolios; with some serving only a single port or harbour's operations, to others serving national and even international customer bases.

I would like to thank everyone that attended for creating an environment that was so conducive to information and best-practice sharing, as well as offering appropriate challenge, and insight from exercises and real-life incidents during this past year of restrictions.

For more information on the UK's National Standard for Marine Oil Spill Response Organisations, please visit the gov.uk website: <https://www.gov.uk/government/publications/uk-national-standard-for-marine-oil-spill-response-organisations>

NEWS FROM ISCO MEMBERS**NEW VIDEO FROM DESMI - ENVIRO-CARE COMBATING MARINE POLLUTION**

DESMI is a world leader in solutions for combating marine pollution in the oceans through its environment friendly solutions around the globe. We believe we can make the difference and help reducing the plastic waste ending up in our beloved ocean.

By implementing our solutions in smaller drains and large rivers you will stop the trash before it meets the ocean.

Marine & Aquatic debris, garbage and trash is one of the most widespread solvable pollution problems plaguing the world's oceans, rivers and lakes. Successful waste management, floating garbage collection and debris removal requires a comprehensive understanding of marine and aquatic environments together with the necessary experience with debris equipment like trash barriers and booms.

After 40 years of safeguarding marine environments from oil spills and protecting waters around the globe, DESMI EnviRo-Care was created to provide unsurpassed containment and recovery methods in water bodies to deflect and collect floating debris that includes municipal garbage & plastic articles.

[Watch the new video](#) [See also –The Hyderabad Project](#)

FEEL THE POWER - AQUA-GUARD'S POWER SYSTEMS



Aqua-Guard's power systems are used to power both inshore and offshore hydraulic equipment. With our 30+ years of experience in custom design and manufacturing, we are ready to help bring you the best power for your application.

Our systems range from small portable 4.5 HP to large 300 HP power systems.

Power options include:

- Diesel / hydraulic
- Electric / hydraulic (standard)
- Electric / hydraulic (Zone 1 XP explosion proof) [More info](#)

TECHNICAL SUPPORT

THE DANGEROUS GOODS EMERGENCY ACTION CODE LIST 2021

The Dangerous Goods Emergency Action Codes (EAC) List 2021 is now available. The new list has again been produced by the NCEC, in co-operation with the UK Home Office and published by TSO.

The EAC List 2021 is effective immediately in connection with the use of ADR/RID 2021 Edition and is mandatory from 1 July 2021. The Emergency Action Code List 2019 should no longer be used from that date.

Duty holders are required to use the 2021 EAC List for the application of the appropriate EACs under Schedule 1 of the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009) (as amended); and of the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations (Northern Ireland) 2010 (CDG 2010) (as amended).

You can find a brief overview of updates and changes made to the latest version [here](#). It is available to download and a physical copy can be purchased from TSO and Labeline. <https://the-ncec.com/en>

SCIENCE & TECHNOLOGY

RESEARCHERS TARGET OCEAN PLASTIC WITH PHOTO-MATCHING APP

Worldwide, eight million tonnes of plastic end up in the ocean every year, despite greater awareness of recycling and the use of disposable plastic. How should we tackle the problem, and where does the plastic actually come from?

"Actions to clean up plastic don't do much good if you don't deal with the sources of the plastic at the same time," says PhD candidate Christina Hellevik.

Hellevik is one of the researchers at NTNU in Ålesund who is working to create a model that will show where plastic collects and determine where in the region it comes from. The researchers are collaborating with the Ålesund region's Port Authority, Ålesund municipality and Møre og Romsdal county.

App that will recognize plastic - The goal is to generate more targeted measures for the clean-up and collection of waste. "One of the things we're developing is an app that recognizes plastic from an image," says Hellevik. "When you're out cleaning up marine waste, you photograph the plastic objects you find with your mobile and register the product in the app." In the past, clean-up operations have weighed and photographed the waste afterwards, without being able to register it in detail and efficiently.

The researchers are in the process of developing the database for the app, and are collaborating with students who are doing a master's programme in simulation and visualization at NTNU in Ålesund. The Maritime Executive / [Read more](#)

THE POLARIS ROBOT CAN TRAVEL UP TO 15 DAYS TRANSMITTING DATA

April 16 - In 2010, when the Deepwater Horizon oil rig spilled 4.9 million barrels of oil into the Gulf of Mexico — becoming the largest marine oil spill in history — scientists and first responders wondered how far the spill went, how much was leaking out and how to minimize the damage.

A torpedo-shaped robot created by the Woods Hole Oceanographic Institution and the Monterey Bay Aquarium Research Institute will be able to answer those types of questions, helping to quickly mitigate the damage from future oil spills.

"If there was an oil spill tomorrow, we're ready," said Amy Kukulya, a research engineer and principal investigator at WHOI in charge of the Scibotics Lab.

WHOI worked with the U.S. Coast Guard on Thursday on how deploying the robot would work and to test retrieving it with a helicopter.

The long-range autonomous underwater vehicle, which scientists call Polaris, can travel for up to 15 days in both fresh water and saltwater, as well as under ice in the Arctic, while transmitting its data back to shore at different intervals. Cape Cod Times / [Read more](#)

UPCOMING WEBINARS

OSRL: THE COMPLEXITIES OF INLAND SPILL PREPAREDNESS AND RESPONSE

Monday 26th April 1400 BST

The members of the Inland Core Group share collective thoughts on the nuance of inland spill preparedness and response activities. Their observations have been formed through their time at a global tier 3 centre covering risks from onshore production, transportation, storage and refining operations. [More info and registration](#)

GI WACAF WEBINAR SERIES ON OIL SPILL PREPAREDNESS AND RESPONSE RESUMES

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

FREE WEBINARS FROM UK AND IRELAND SPILL ASSOCIATION

Wed. April 28th, 13:00 BST [MV Wakashio Part 4](#)

In conjunction with Polyeco, UK and Ireland Spill Association are to hold a webinar on the remediation of the shoreline, RAMSAR areas and mangroves following the oil spill following the grounding and loss of MV Wakashio in Mauritius. Nikon Vlachos of Polyeco will present the work that Polyeco undertook, the techniques use and the challenges that had to be overcome. No doubt the webinar will also highlight their work in protecting the environment during the stern removal. The webinar starts at 1300hrs and will last no more than 90 minutes with the opportunity to ask questions at the end of each session.

Wed, 16 Jun 2021 15:00 BST [Spill Knowledge Base: Marine Special Equipment](#)

Click on the blue titles for more info on specified webinars. [view our upcoming virtual events here.](#)

ALGA – AUSTRALIAN LAND & GROUNDWATER ASSOCIATION

Over 100 Webinars can be accessed - <https://landandgroundwater.com/webinars>

ONLINE AND OTHER TRAINING COURSES

CEDRE: E-LEARNING MODULE: SURVEYING SITES POLLUTED BY OIL

In every major spill, the oiled site survey phase is of primary importance. It enables decision-makers to assess the scale of the pollution, estimate its impact on the shoreline, determine response priorities, select the most appropriate response techniques and allocate adequate personnel and equipment. During 2020, Cedre added a new two-hour module on this theme to its online learning centre. The aim is to train any person liable to conduct a shoreline survey. This module aims more specifically to teach trainees the necessary skills to: conduct a field survey; segment a shoreline and describe the pollution; identify the relevant key information to be collected and passed on for clean-up operations and fill in a standard survey form. The English language version of this module is now available on our e-learning platform. <https://www.cedre.fr/en>

CEDRE: 2021 TRAINING PROGRAMME

Click on these links [training catalogue](#) and [2021 calendar](#). We also invite you to visit our new online training space and the training courses offered: <https://elearning.cedre.fr/>

USA: HAZARDOUS MATERIALS CODE ENFORCEMENT P0615

June 13-18, 2021. Emmitsburg, Maryland. 6-day on-campus - This six-day course is designed to guide students in gaining and sharing the knowledge, skills and abilities to effectively recognize and analyze hazardous materials risk, classify the materials, and apply the codes, standards, and regulations to prevent incidents and mitigate threats to life and property. [More info](#)

INTERTANKO : NEW ENCLOSED SPACE SAFETY VIDEO LAUNCHED

The issue is hugely important and the IG is very keen to play a part in the mitigation of preventable deaths on board ships. The animation is available on the International Group website [Enclosed Space Entry - The International Group of P&I Clubs \(igpandi.org\)](#) and has been added to the Group's [LinkedIn](#) channel.

ALGA: PFAS 101 TRAINING MODULES

These training modules, prepared by members of ALGA's Emerging Contaminants of Concern Interest Group (EmCoC IG), consists of 9 online modules covering aspects of PFAS from health risk and community consultation to investigation and remediation. The content for the modules has been developed with a principally Australian and New Zealand focus, but also draws examples of best practice from around the world, making it up to date, expansive yet locally relevant. [More info](#)

ONLINE AND OTHER TRAINING COURSES (CONTINUED)

IOPC FUNDS' ONLINE SHORT COURSE: 2021 DATES

The Director is pleased to announce that the 2021 IOPC Funds Short Course will be held online for the first time and take place over two weeks between 14 and 25 June 2021, running three hours per day. The online course programme will cover all aspects of the work of the IOPC Funds and the international liability and compensation regime in general and will include interactive exercises which allow participants to study a theoretical incident and the subsequent claims submission process. The course is supported by IMO, ICS, the International Group of P&I Associations and ITOFF. [More info](#)

CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES

INTERNATIONAL OPEN TENDER NOTIFICATION SERVICE

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

OTHER OPPORTUNITIES: USA & EUROPE

US Government solicitations are frequently posted in Technology Innovation News Survey, US EPA Tech Direct and USA Federal Contracts Update. European Maritime Safety Agency invitations to tender are often posted in The EMSA Newsletter. See "Links for other publications" for links to download current issues of these publications.

UPCOMING EVENTS

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

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

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

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

For more information click on Title of Event			
COUNTRY	2021	TITLE OF EVENT	LOCATION
VIRTUAL EVENT	April 19-May 17	Humanitarian Networks and Partnerships Weeks	Online
VIRTUAL EVENT	April 28	SCAA 2021 Virtual Annual Meeting	Online
VIRTUAL EVENT	May 1-2	Tri-State Bird Rescue & Research Open House	Online
USA	May 9	APICOM GM Meeting	New Orleans LA
VIRTUAL EVENT	May 10-13	International Oil Spill Conference (IOSC 2021)	Online
VIRTUAL EVENT	May 11-12	ALGA New Zealand Land & Groundwater Conference	Online
VIRTUAL EVENT	May 20-21	European Maritime Day	Online
VIRTUAL EVENT	May 25-27	Fourteenth Meeting of the Focal Points of the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC)	Online
VIRTUAL EVENT	June 8-9	Environment Analyst Global Business Summit 2021	Online
VIRTUAL EVENT	June 8-10	43rd AMOP Technical Seminar on Environmental Contamination and Response	Online
USA	June 8-10	Elastec Spill Workshop 2021	Carmi, IL
TUNISIA	June 15	Training on Readiness Evaluation Tool for Oil Spills	Hammamet
TUNISIA	June 16-17	Regional Workshop on Oil Spill Waste Management	Hammamet
USA	August 17-18	Clean Pacific Exhibition & Conference	Renton, WA
USA	September 7-10	Hazmat Emergency Response Workshop	Sacramento, CA
NETHERLANDS	September 9-10	Envirotech for Shipping Forum	Rotterdam
USA	Sept. 13-15	Clean Waterways Conference & Exhibition	Louisville, KY
CROATIA	October 26-28	Regional Workshop – Enhancing Preparedness and Response in the Adriatic & Mediterranean Regions	Opatija
CROATIA	October 29	MOIG General Assembly Meeting	Opatija
USA	Nov. 16-18	Clean Gulf Conference & Exhibition	San Antonio, TX
BAHREIN	Nov. 28-30	International Conference & Exhibition on Spills, Clean Seas & Environment	Bahrein
CAMBODIA	December 1-4	East Asian Seas Congress	Sihanoukville

Please advise the Editor if any of the above entries require correction or updating. John.mcmurtrie@spillcontrol.org

MESSAGES FROM EVENT ORGANISERS

IOSC IS GOING VIRTUAL - ACCESS ALL THE BENEFITS OF ATTENDING FROM THE COMFORT OF YOUR HOME OR OFFICE

I wanted to reach out to make sure you are aware of all the exciting things happening at the *virtual* **2021 International Oil Spill Conference** (IOSC), May 10-14, 2021. As a past IOSC attendee, you know firsthand of the expansive variety of oil spill research that will be presented, along with the substantial networking opportunities this conference offers. **Secure your spot** now and join us from the comfort of your own home/office!

With more than 160 papers, 100+ posters, 50 concurrent sessions, 10+ interactive Short Courses, and four Hot-Topic Sessions, I can assure you IOSC 2021 is our most impactful conference yet. You won't want to miss our plenary session featuring retired admiral Thad Allen, the National Incident Commander for DWH, or our Virtual Exhibit Hall where you'll find the latest products and solutions from the industry's most forward-thinking leaders. Plus, hear from executive producer, host, best-selling author, and this year's keynote speaker, Mike Rowe.

Please see the email below for more details on what to expect at IOSC 2021. I highly encourage you to **register** as soon as possible to ensure your ticket to the *premier* event of the oil spill response community. Not able to attend the full conference? All content will be available on-demand for three months following IOSC 2021. <https://iosc2021.org/>

NEW ZEALAND LAND & GROUNDWATER CONFERENCE

ALGA's virtual New Zealand Land & Groundwater Conference is being hosted virtually 11 - 12 May 2021. We are very proud to announce the event will be opened live by Dean Kimpton, a panel member on the independent Resource Management Review Panel, responsible for the most significant and broad ranging review of the Resource Management Act, since it came into force in 1991. [Download the programme](#) [Registration](#)

USA: REGISTRATION NOW OPEN: 2021 CLEAN GULF CONFERENCE & EXHIBITION

[Registration](#) has officially opened for the **2021 CLEAN GULF Conference & Exhibition**, taking place November 16-18 at the Henry B. Gonzalez Convention Center in San Antonio, TX. If you are unable to travel or attend in-person, you can register for the virtual on-demand experience.

USA: CLEAN PACIFIC PRELIMINARY CONFERENCE OUTLINE

The **CLEAN PACIFIC Planning Committee** met virtually at the end of March to plan the conference sessions for this year's event. Made up of a group of operators, state, federal and provincial regulators, consultants, service companies and OSROs, they programmed a total of six sessions focused on the most pressing issues we deal with regarding spill prevention, response and remediation in the Western United States and Canada. These sessions will take place at the Hyatt Regency Lake Washington August 17-18 and will be live-streamed in our virtual platform for those who can't attend in-person.

Lessons Learned from Virtual Command Posts, Exercises, and Responses - Chair: Conor Keeney, Lead Contingency Planner, Marathon Petroleum (formerly Andeavor), Co-Chair: Heather Parker, Navy On-Scene Coordinator, U.S. Navy NW Region

Transboundary and Stakeholder Issues - Chair: Dave Owings, General Manager, SEAPRO

Emerging Technologies - Chair: Maria Hartley Ph.D., Technical Lead, Enterprise Emergency Management, Chevron

Inland Prevention and Response - Chair: Richard Franklin, Federal On-Scene Coordinator, U.S. EPA Region 10

Co-Chair: TJ Engstrom, Director Emergency Services, Clean Harbors

Wildlife Issues and Regulations in the Northwest Region - Chair: Curt Clumpner, Sr. Consultant, Oiled Wildlife Care Network

Co-Chair: Linda Pilkey Jarvis, Preparedness Program Manager, Washington Dept. of Ecology-Spill Program

Response Case Studies - Chair: Devon Grennan, President, Global Diving & Salvage, Inc., Co-Chair: Jim Elliott, Vice President, T&T Salvage, LLC, Co-Chair: Greg Buie, Regional Manager, Western States and Pacific Region, U.S. Coast Guard National Pollution Funds Center

Session details and descriptions will be announced at the end of this month! If you **register** for **CLEAN PACIFIC** by May 27th, you will receive our early bird registration discounts, which offer savings for both in-person and virtual registrations.

We want you to feel confident when booking your hotel room for CLEAN PACIFIC at the **Hyatt Regency Lake Washington at Seattle's Southport** taking place August 17-18, 2021. That's why we've partnered with the hotel to ensure that your health and safety are prioritized throughout the event. With **Hyatt's Global Care & Cleanliness Commitment**, you can be at ease knowing that there are rigorous safety and cleanliness protocols in place. You can also learn more about the specific COVID-19 & hygiene procedures that will be in place at the event on our website, [here](#).

Book your hotel room within the CLEAN PACIFIC block and receive an exclusive discounted rate of **\$219/night** + applicable taxes.

MESSAGES FROM EVENT ORGANISERS (CONTINUED)

NETHERLANDS: EUROPEAN MARITIME DAY

Den Helder, May 20-21. EMD 2021 in Den Helder will be a virtual conference. <https://european-maritime-day-2021.b2match.io/>

LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS

AMSA Update	Latest News from the Australian Maritime Safety Authority	Current issue
ATRAC Newsletter	News from the Adriatic Training and Research Centre	October 2020
AUSMEPA Bulletin	News from the Australian Marine Environment Protection Assoc'n	Summer 2020
BIMCO Bulletin	Marine and shipping-related news from BIMCO	March 2021
Newsletter from George Holliday	News and commentary on HSE issues from George Holliday	Free on request
Cedre Newsletter	News from Cedre in Brittany, France	March 2021
EMSA Newsletters	News from the European Maritime Safety Agency	Current issue
Environmental Expert	Environmental News from Environmental Expert	Current issue
GDACS Newsletter	Daily alerts for natural disasters – earthquakes, floods, typhoons, etc.	Free on request
GEF Newsletter	Monthly Newsletter from the Global Environment Facility	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	Q3 2020
IMO News Magazine	News from the International Maritime Organization	Autumn/Winter 2020
IMO Publishing Newsletter	New and forthcoming IMO publications	September 2020
ITOPF Ocean Orbit	News magazine from ITOPF with interesting spill response articles	February 2021
JOIFF Catalyst Newsletter	Int'l Organisation for Industrial Hazard Management	Q1 2021 issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	Current issue
MOIG Newsletter	News from the Mediterranean Oil Industry Group	February 2021
NCEC Newsletter	News from the National Chemical Emergency Centre	December 2020
Navigate Response	Global crisis communications network for shipping & marine	Current issue
NOAA OR&R	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
Oceanbuzz	Newsletter giving news on the Ocean Technology Industry	Current issue
OCIMF Newsletter	News from the Oil Companies International Marine Forum	Current issue
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Autumn 2020
Oiled Wildlife Log	Bi-annual Newsletter from Tri-State Bird Rescue & Research	January 2021
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	Current issue
Pollution Online Newsletter	News for pollution prevention & control professionals	Current issue
Salvage World	Quarterly Newsletter of the International Salvage Union	Current issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Current issue
Society of Maritime Industries	News from the UK's maritime engineering and business services sector.	April 1, 2021
Spill Alert	Quarterly Newsletter from UK & Ireland Spill Association	December 2020
Technology Innovation News Survey	News from US EPA – Contaminated Site Decontamination	March 1-15, 2021
The Maritime Advocate	Maritime News from Sandra Speares	Current issue
UNEP News	Latest News from United Nations Environmental Programme	Latest News
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	April 1, 2021
USA Federal Contract Opportunities	The authoritative source for federal contract opportunities	April 11-18, 2021
Water Pollution & Flood News	Monthly round-ups of UK & Worldwide Spill and Flood News	Free on request

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

NEW PUBLICATIONS

AUSTRALIA: USE OF ROAD-GRADE RECYCLED PLASTICS FOR SUSTAINABLE ASPHALT PAVEMENTS: OVERVIEW OF THE RECYCLED PLASTIC INDUSTRY AND RECYCLED PLASTIC TYPES

April 9 - This report provides a comprehensive overview of the type, volume, and price of recycled plastics and their possible uses in asphalt. The report presents data, including recycling processes, prices of recycled plastics, annual production volumes and infrastructure capabilities.

The content was informed by interviews with members of the plastics industry including associations, councils, material recovery facilities, plastic recyclers, and manufacturers. The interviews evaluated the current recycling situation in Australia and New Zealand, and identified bottlenecks, opportunities, and capabilities.

This is the first report from a project (APT6305) which is examining the use of road-grade recycled plastics in asphalt pavements. The project is investigating the most suitable types of recycled plastics for incorporation into asphalt. In addition, new tests and

NEW PUBLICATIONS (CONTINUED)

methodologies will be developed to ascertain if the addition of recycled plastics in asphalt may produce any detrimental effects for the environment, the health and safety of the workers or impact the future recyclability of plastic-modified asphalt.

Austrroads / [Read more](#)

EMSA FACTS & FIGURES 2020

April 19 - The EMSA Facts and Figures 2020 publication is a shortened account of the Consolidated Annual Activity Report which details how EMSA has implemented the annual tasks set out in the work programme contained in the Agency's Single Programming Document (2020-2022). EMSA / [Link for downloading PDF](#)

THE COMPLETE GUIDE TO GAS DETECTION FOR WATER AND WASTEWATER

April 20 - At water and wastewater treatment facilities, you face risks every day—but gas hazards might slip under your radar. When gas hazards lurk, you need gas detectors that can alert you, so you can identify high-risk locations and get to safety. Ready to know what you're up against? Download our [Complete Guide to Gas Detection in Water and Wastewater Facilities](#). It covers everything you need to know about gas hazards in the water and wastewater industry, how to stay safe in confined spaces, how to protect lone workers, and more.

PEMSEA ANNUAL REPORT 2020 - A TIME OF REFLECTION AND RESILIENCE

April 21 - 2020 will be remembered as one of the most challenging years in modern history. For PEMSEA, the disruptive events of the year have forced us to reflect, review and recalibrate our actions, as well as address the undeniable link between ocean health and human health. PEMSEA / [Read more](#)

USA: UNLIMITED IMPOSSIBILITIES: INTELLIGENCE SUPPORT TO THE DEEPWATER HORIZON RESPONSE



April 24 – ISCO Committee Member, Dan Sheehan, PE, Hon.FISCO, wrote – “Colleagues, Adm. Thad Allen, Deep Water Horizon Incident Commander, posted this on Facebook the other day. The book was written from a unique perspective on the spill response, the role that intelligence played or could have played in improving situational awareness.

In "Unlimited Impossibilities: Intelligence Support to the Deepwater Horizon Response," CAPT Erich M. Telfer of the U. S. Coast Guard examines the Intelligence Community and Coast Guard response to the 2010 BP oil explosion on Deepwater Horizon, which spilled tons of oil into the Gulf of Mexico. Telfer points out problems that hampered the response and suggests approaches for better communication and coordination in future responses. In April 2010, when BP's DEEPWATER HORIZON rig exploded and spilled millions of barrels of oil in the Gulf of Mexico, the United States had no national-level plan for intelligence support to guide the process of conducting intelligence collection, analysis, production, and dissemination. The intelligence effort lacked unity of command, and took over a month and a half to develop a functioning system that served strategic- and operational- level decisionmakers well. Even then, it was of less help to tactical responders. [Read more](#)

Check out Capt. Telfer's book, published by NIU Press, for more insight about Deepwater Horizon. <https://lnkd.in/gYRYGtK>

CANADA: LAUNCH OF NEW NEWSLETTER FROM MULTI-PARTNER RESEARCH INITIATIVE (MPRI) – IMPROVING OIL SPILL RESPONSE TECHNOLOGY IN CANADA

Greetings from our Senior Science Advisor – Since our inception in 2017, the Multi-Partner Research Initiative (MPRI) has established a world-class network of expertise on oil spill response science.

To date, over \$35 million in grants and contributions have been awarded by Fisheries and Oceans Canada (DFO) to 40 projects and partnerships involving over 240 re-searchers from 60 institutions and 12 countries.

I am very excited to present our first MPRI Newsletter. This periodic newsletter will provide highlights on MPRI projects, researchers and outcomes, and other matters related to oil spill science in Canada. The first issue provides an overview of the MPRI and its program (focus) areas.



MPRI is an oil spill research program under Canada's Oceans Protection Plan under the leadership of DFO. <https://www.dfo-mpo.gc.ca/index-eng.html> [Thanks to Ed Levine, FISCO, for forwarding this news]

Above: Dr. Kenneth Lee

CHINA: CNOOC BOHAI OIL FIELD BLOWOUT FIRE ACCIDENT

April 9 - On April 9, CNOOC announced that a well-blown fire broke out on the V platform of CNOOC's Tianjin branch on the 5th, and on the 6th, the fire had been put out. At present, there is no oil spill, does not constitute an environmental pollution incident.

On the evening of April 5, V platform V29 well in the drilling operation process has shallow air overflow, CNOOC the first time to start emergency response, then the pressure well operation disposal, the process of blowout fire, the company quickly carried out personnel evacuation, fire fighting and oil spill detection. At the time of the accident, there were 102 people at the scene, 99 people were evacuated that night, and three others were missing.

CNOOC has sent rescue boats, helicopters and drones to search and rescue the three missing people, and to carry out oil spill detection work, the platform around the deployment of oil fences. 360KUI / [Read more](#) [Chinese language link](#) [Thanks to Jenny Li, Hong Kong Spill Response Technology]

USA: HAWAII - NTSB: POOR CARGO LOADING PROCEDURES LED TO LOSS OF CONTAINERS



Photo: Toppled containers are seen in this photo taken after the June 22, 2020, accident aboard the barge Ho'omaka Hou. U.S. Coast Guard photo

April 21 - Poor barge loading resulted in the loss of 21 cargo containers into the ocean off the coast of Hawaii last year, the National Transportation Safety Board said in its report on the accident. The barge Ho'omaka Hou, owned and operated by Young Brothers, LLC, was being towed by the Hoku Loa approximately 6.9 nautical miles north-northwest of Hilo at the time the June 22, 2020 accident. The accident resulted in \$1.6 million in damages, but no injuries. gCaptain / [Read more](#)

NIGERIA: OIL SPILLAGE OCCURS IN SHELL'S PIPELINE IN BAYELSA, 1.34 HECTARES OF LAND POLLUTED

April 22 - An oil pipeline spillage has occurred at the Okordia-Rumekpe 14-inch crude truckline, operated by Shell Petroleum Development Company (SPDC), discharging about 213 barrels of crude oil into Ikarama community in Bayelsa State.

This is as the report indicates that about 1.34 hectares of land were polluted by the spillage which followed a rupture on the pipeline. Nairametrics / [Read more](#)



CANADA: CLEANUP CREW ARRIVES AT SITE OF LEAKING SHIPWRECK IN NOOTKA SOUND



Photo: Boom deployed in Nootka Sound where a 50-year-old shipwreck is leaking oil. CANADIAN COAST GUARD

April 23 - An American crew has arrived in Nootka Sound to begin assessing and patching the wreck of the MV Schiedyk, the 50-year old shipwreck near Blich Island that has been leaking bunker oil and fouling waters in the Zuciarte Channel for five months.

Members of Resolve Marine Group arrived in the area aboard the Canadian-registered Atlantic Condor on Sunday and are testing equipment and surveying the site this week in the initial stages of efforts to remove oil from the sunken ship, says a spokeswoman for the Canadian Coast Guard.

The 483-foot-long MV Schiedyk sank near Blich Island in January 1968 after hitting a submerged ledge and sits hull-up about 122 metres below the surface. It was leaving Gold River and headed to Portland, Oregon carrying about 100 tonnes of barley and wood pulp and likely had full fuel tanks as it headed out to sea, although coast guard officials are still trying to determine how much fuel remains in the vessel. In its latest report, the coast guard's Unified Command said sampling results indicate oil skimmed from the surface is similar to "historical Bunker C-type," and remotely operated vehicles are showing leaks at multiple locations in the hull. Times Colonist / [Read more](#)

INDONESIA: INDONESIAN SUBMARINE THAT WENT MISSING DURING MILITARY DRILLS WITH 53 ON BOARD CONFIRMED SUNK – NAVY

April 24 - An Indonesian submarine that went missing on Wednesday with 53 crew on board has sunk, the country's navy has said, adding that there is no hope of finding any survivors.

The submarine, KRI Nanggala 402, disappeared during military drills off the resort island of Bali. Despite international efforts to locate it, the only traces that have been found are an oil spill, along with some minor debris believed to have originated from the vessel.

"With the authentic evidence we found believed to be from the submarine, we have now moved from the 'sub miss' phase to 'sub sunk,'" Navy Chief Yudo Margono said during a press conference on Saturday. RT News / [Read more](#)

TEN GOOD REASONS WHY YOU SHOULD BE A MEMBER OF ISCO

Even when budgets are tight, you can fully justify the cost of ISCO membership

- Be recognised as a member of a worldwide community of professionals who share a common interest.
- Corporate Members enjoy Free Listing in ISCO's International Directory of Spill Response Contractors, Equipment Suppliers, Training Providers, and Consultancy Services – your advertising banners displayed with one click access to your website. It's a great search facility for potential customers.
- Corporate Members receive requests for emergency provision of resources for spill response support. The Emergency Assistance facility is there for government agencies, oil companies and response organizations - not only for rapid sourcing of additional resources in very large spill events, it can be used to help find specialised equipment not often available in response inventories, people with specialised experience and know-how, etc. Contractors can use the facility to supplement their own internally available resources.
- Benefit from ISCO initiatives that are of practical value to Members – for example, the free and widely used RESPONSECON contracts that you can use - speeding up contractual arrangements for mobilisation of spill response resources, with positive implications for protecting your cash flow.
- Free publicity – Announce your new products and services developments in the weekly ISCO Newsletter – reaching out to a highly targeted customer audience in over 60 countries.
- Benefit from negotiated discounts in attending conferences and exhibitions – the savings can significantly offset the cost of maintaining your membership.
- To enhance response knowledge of your staff - Freely downloadable technical articles, response guidelines and loads of other useful reference information available in the Members' Area of the ISCO website.
- Your membership helps ensure continued publication of the ISCO Newsletter, keeping you up-to-date on events, developing technologies, new legislation and other matters of mutual interest. This will save many hours a week of scanning, browsing and searching for all the news that matters and puts it in your inbox every week.
- Through ISCO, Members have a voice in the drafting of new legislation that will affect their areas of interest. We introduce new initiatives at IMO and give our support to other delegates advancing developments that will be of benefit for improvement of response effectiveness. ISCO provides an interface with National and International Government Agencies, Industry, the Scientific Community, R&D Establishments and Academia, actively supporting new developments that will be of benefit to our Members.
- Members have the right to display the ISCO logo on their headed notepaper, brochures, business cards, etc. to denote that they are part of an international organisation dedicated to improving worldwide co-operation and preparedness.

For more information visit www.spillcontrol.org

Apply for Membership of ISCO at <https://spillcontrol.org/membership-application-form/>

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.
