

ISCO & THE ISCO NEWSLETTER

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

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

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INTERNATIONAL NEWS

PLEASE CLICK ON THE BANNERS BELOW FOR MORE INFORMATION



ON WORLD ENVIRONMENT DAY, PLEDGES OFFER HOPE FOR FUTURE

"THERE IS ONLY ONE EARTH – AND IT NEEDS TO BE PROTECTED, NOW".

That was the message from scientists, policymakers, and everyday people on Sunday as millions observed [World Environment Day 2022](#). The event featured several major policy announcements, including a [pledge](#) from Sweden to limit the extraction of coal, oil, and natural gas.

But it also came with a warning that human-induced climate change, nature and biodiversity loss, and pollution and waste were pushing the planet to the breaking point. UN Secretary-General António Guterres, in his [World Environment Day message](#), called for a unified global effort to halt environmental degradation.

"We know what to do. And, increasingly, we have the tools to do it," he said. "But we still lack leadership and cooperation. So today, I appeal to leaders in all sectors: lead us out of this mess."

This was echoed by Inger Andersen, Executive Director of the United Nations Environment Programme (UNEP), speaking at a [World Environment Day event](#) in Stockholm, Sweden. "The science has told us we have to end fossil fuels. We have to restore nature to its full glory. We have to transform our food systems. We have to make our cities green."

Andersen was in Sweden as the country hosted this year's World Environment Day observance. It followed the [Stockholm+50](#) international meeting, which wrapped up on Friday. Both events came 50 years after the Swedish capital hosted the [UN Conference on the Human Environment](#), widely considered the first environmental summit.

In addition to the activities in Stockholm, events were held in more than 150 countries, both on and offline. Thousands [shared their efforts](#) to safeguard nature and the [Only One Earth Practical Guide](#). Watch the full wrap up video [here](#).

ISCO AMBASSADORS

(Members with special responsibilities in specified geographical areas)

Carlos Sagrera	Región Iberoamericana
Matthew Sommerville	UK London
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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 MEMBERSHIP (MISCO) or FELLOWSHIP (FISCO)

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ISCO NEWS

ISCO AT INTERSPILL IN AMSTERDAM

ISCO Committee Member Captain Bill Boyle and ISCO Member Helena Rowland are looking forward to seeing you at Booth A11 in the Exhibition Hall. It will be a great opportunity for you to catch up on all the latest developments at ISCO.

The event runs from 21st to 23rd June. Visit <https://spillcontrol.org/2022/06/01/isco-at-interspill-in-amsterdam/> to find details of ISCO members attending the exhibition and conference and learn more about other special activities at Interspill include webinars, workshops and training opportunities.

STEPHEN GUY AWARDED FELLOWSHIP OF ISCO



After more than 30 years in the spill response industry with Alba International and Briggs Marine, ISCO's Professional Standards Committee has elected Steve Guy as a Fellow of ISCO. For the last 20 years Steve has been Head of Training for Briggs Marine Environmental Services organising and delivering courses both nationally and internationally. He has also undertaken the development and delivery of a considerable

number of OPRC oil spill response training exercises at all levels. Steve is now Principal Onshore Accreditation Assessor with the International Spill Accreditation Scheme (ISAS).

CARLOS SAGRERA GIVES PRESENTATION IN MEXICO



Last week, Carlos Sagrera, ISCO's representative in Latin America, gave an oil spill presentation in Mexico.

After two years without face-to-face events, the Inter-American Petroleum Technology Exhibiton was held in this format in Mexico, between June 6 to 8, 2022 at the Tampico Tamaulipas Convention Center, with the organization of ENERGYCAS Oil & Gas. It brought together Mexican specialists in the oil sector and service companies (AIPM - Association of Petroleum Engineers of Mexico and its Delegation in Tampico, AMESPAC - Mexican Association of Petroleum Services Companies, IMIQ, BRASKEM, ISA, GMI, VISUALPLAN, MARTERRA), as well as representations of the Ministries of Energy and oil companies of Argentina (Province of Mendoza Hydrocarbons Directorate), Ecuador (Ministry of Hydrocarbons and Pro-Ecuador Office), Guatemala (Hydrocarbons Directorate), Cuba (CUPET and SHERRITT) and Colombia (ACGGP).

It was an opportunity to make ISCO known in Mexico and with a presentation on Lessons Learned for Mexico in the recent spill in Peru, which will soon be available in Spanish, on the ISCO website in the Latin America Section.



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For information contact
Mike Watson at
spillcontrol@mwadigital.com

IPIECA CELEBRATES WORLD ENVIRONMENT DAY

June 7 - Celebrated on 5 June each year, World Environment Day is a call for collective, transformative global action to protect and restore our planet.

An outcome of the 1972 United Nations Conference on the Human Environment — which was commemorated last week during Stockholm+50 — World Environment Day provides an opportunity to reflect and accelerate action towards a healthy planet for the prosperity of all.

The 1972 conference in Stockholm was the first formal recognition of the relationship between the environment and human prosperity, placing it at the forefront of the international agenda. Fifty years later and the messaging is even stronger; the loss of nature is a security issue for humanity.

The Ipieca-WBCSD SDG Roadmap for the oil and gas sector recognizes the interdependence of sustainable development issues, identifying over 90 transformative actions across three systemic themes of climate, nature and people to accelerate the realization of the SDGs.

The nature section highlights how the oil and gas industry can embed circularity, natural capital and nature positive concepts into operations to conserve and restore biodiversity, promoting a healthier planet. IPIECA / [Read more](#)

ISLAND NATIONS GET NEW LIFELINE TO BEAT POLLUTION

June 7 - Thirty-three Small Island Developing States (SIDS) took significant steps towards a cleaner environment today, with the global launch of a half-billion-dollar initiative to avoid marine litter and sustainably manage hazardous chemicals and waste.

Because of many islands' small size, limited disposal capacity, and prohibitive export costs, over 80 percent of mismanaged waste in SIDS ends up in the ocean, [according to UN reports](#), leading to biodiversity loss, acceleration of climate change effects through emissions from waste, loss of national tourism revenue, and health impacts for local people exposed to the pollution.

Launched at the [Conference of Parties of the Basel, Rotterdam, and Stockholm Conventions](#) in Geneva today, the \$515 million Implementing Sustainable Low and Non-chemical Development in Small Island Developing States program (ISLANDS) will help island countries in the Atlantic, Caribbean, Indian, and Pacific Ocean regions prevent the release of over 23,000 metric tons of toxic chemicals and more than 185,000 metric tons of marine litter by 2027.

Led by the [UN Environment Programme](#) (UNEP) and funded by the Global Environment Facility (GEF), ISLANDS will help participating countries control the import of hazardous substances, soundly dispose of harmful chemicals and waste, and establish circular production systems, in partnership with the private sector. GEF / [Read more](#)

HOW PROTECTING SEAGRASSES CAN HELP SAVE OUR OCEANS

June 7 - About 0.1 per cent of the ocean's floor is covered in lanky green flowering plants known as seagrasses.

Their often-sprawling meadows purify ocean water, shelter fish and provide food for thousands of marine species. But seagrass habitats have been in decline since 1930, with 7 per cent of them disappearing each year, according to United Nations Environment Programme (UNEP) research.

Along with being a haven for marine life, seagrass sediment is one of the planet's most efficient carbon stores and prevents it from becoming a planet-warming greenhouse gas.

Now, researchers at the Max Planck Institute for Marine Microbiology in Bremen, Germany, a one-time co-ordinator of a European Union-UNEP project, have discovered how seagrasses store carbon. UNEP / [Read more](#)

NEW MOU UNDERLINES THE NAUTICAL INSTITUTE'S COMMITMENT TO THE MARINE ENVIRONMENT

June 9 - The Nautical Institute (NI) is pleased to announce that it has signed a new Memorandum of Understanding (MoU) with the Hellenic Marine Environment Protection Association (HELMPEPA), the organisation founded in 1982 by Greek shipowners and seafarers to develop and nurture an environmental consciousness throughout shipping by informing and educating.

The MoU will be in effect for 5 years and reflects the many ways the two non-governmental organisations display similar commitment and dedication to the protection and sustainability of the marine environment.

For more information please contact: Sally Butler, Elaborate Communications, sbutler@elabor8.co.uk

MORE INTERNATIONAL & REGIONAL NEWS

IOPC FUNDS DIRECTOR GIVES LECTURE AT THE WORLD MARITIME UNIVERSITY

June 9 - On 9 June 2022, the Director, Gaute Sivertsen, delivered a guest lecture to students of the World Maritime University (WMU). He presented in two parts: first, on the legal framework of the international liability and compensation regime, the role of the IOPC Funds and the current challenges which face the organisation and its operation; and secondly, on other international conventions and national systems in place for marine pollution. The audience comprised around 40 students from 22 different States attending the 2022 Maritime Safety and Environmental Administration course or studying Maritime Law and Policy. The presentations were followed by a discussion session. IOPC Funds / [Read more](#)

NEWS REPORTS FROM AROUND THE WORLD

AUSTRALIA: GET ON TOP OF YOUR GARBAGE FOR WORLD OCEANS DAY

June 7 - There are some important rules for disposing of garbage that all vessel owners and operators must follow under the International Convention for the Prevention of Pollution from Ships (MARPOL). MARPOL is implemented through Australian legislation and Marine Order 95—Marine pollution prevention—garbage.

Vessels over 12 metres must display a garbage sign or 'placard' that clearly notifies crew and passengers of laws associated with the discharge of garbage. Placards should be displayed on the vessel where they can be easily seen by crew and passengers.

Vessels of 100 gross tonnage and above or certified to carry 15 or more people must have a garbage management plan that includes written procedures for minimising, collecting, storing, processing and disposing of garbage. Vessels that are 400 gross tonnage and above and every ship certified to carry 15 or more people on international voyages must also maintain a garbage record book.

Garbage must be stored safely on board and disposed of, or recycled, on shore. Contact your local port authority, marina, boat harbour, port or terminal to find out what waste collection and disposal facilities are available. AMSA / [Read more](#)

FINLAND: INFORMATION CONCERNING THE ENVIRONMENTAL IMPACTS AND HEALTH EFFECTS OF PLASTICS IS LACKING – MORE DATA IS NEEDED ESPECIALLY ON HEALTH EFFECTS AND IMPACTS ON TERRESTRIAL ENVIRONMENT

June 9 - Information on the environmental impacts and health effects of plastics is still lacking, tells a recent study by the Finnish Environment Institute and the Finnish Institute for Health and Welfare.

So far, environmental research on plastics has concentrated strongly on aquatic environment. However, plastic emissions into the terrestrial environment are expected to be significantly higher compared to the aquatic environment. More information is also needed on the health effects of microplastics.

"The effects of exposure to microplastics on our health are not yet known, nor is so called cut-off concentration when they become harmful. However, according to current knowledge health risks are expected to be low at current exposure levels. Still, if the amount of microplastics in the environment increases and the exposure level therein at the same time, the situation may change," says senior researcher Merja Korkalainen from the Finnish Institute for Health and Welfare. SYKE / [Read more](#)

GUINEA-BISSAU TO BECOME THE 121ST MEMBER STATE OF THE 1992 FUND



June 8 - The International Maritime Organization (IMO) has informed the Director of the IOPC Funds that the Republic of Guinea-Bissau deposited instruments of accession to the 1992 Civil Liability and Fund Conventions on 12 May 2022. Both Conventions will enter into force for Guinea-Bissau on 12 May 2023, bringing the number of 1992 Fund Member States to 121 on that date.

The Director is pleased to welcome Guinea-Bissau as the newest Member State.

Guinea-Bissau also acceded to a number of other IMO Conventions covering liability and compensation for damage caused by ships and the prevention of marine pollution. IOPC Funds / [Read more](#)

NEW ZEALAND: PACIFIC MARITIME SAFETY PROGRAMME FUNDING APPROVED FOR ANOTHER FOUR YEARS

June 7 - New Zealand will continue to support maritime safety in the Pacific through the provision of \$12 million funding over the next four years for the Pacific Maritime Safety Programme (PMSP).

The programme delivers maritime safety initiatives to seven Pacific Island countries - Cook Islands, Kiribati, Niue, Samoa, Tokelau, Tonga and Tuvalu. PMSP4 will deliver initiatives across five outputs - community education and awareness, legislative support, maritime training, domestic vessel safety and search and rescue/marine pollution response. Maritime NZ / [Read more](#)

TURKIYE: TURMEPA 30 - GENERAL ASSEMBLY MEETING WAS HELD

In order to protect the seas and water resources of our country, the 30th anniversary of the DenizTemiz Association / TURMEPA, which was established in 1994 under the founding chairmanship of Rahmi M. Koç together with the IMEAK Chamber of Maritime Commerce, was held. The Ordinary General Assembly Meeting was held on May 23, 2022 at 11.00 at the Koç Holding Conference Hall. The meeting, which was attended by the Founder and Honorary President of the Association Rahmi M. Koç and the members of the association, started with the opening speech of the Chairman of the Board of Directors Şadan Kaptanoğlu. Turmepa / [Read more](#)

USA: LATEST NEWS REPORTS FROM NOAA OR&R

June 6 – Please click on the links below to download and read the latest news from NOAA OR&R

[Testing Oil Detection Technologies with a Collaborative Research Team](#)



in the picture: ORR Director Scott Lundgren (right) pictured with ERD Chief Aaron Parker, BSEE Kristy McKinney, EPA's Dr. Robyn Conmy, ORR Senior Scientist Dr. Lisa DiPinto, and USCG Ms. Dana Tulis listen as Dr. Oscar Garcia explains how multispectral sensors detect oil.

Last week, a collaborative research team led by NOAA's Office of Response and Restoration conducted experiments at the Ohmsett test tank facility (link is external) in Leonardo, New Jersey.

These experiments were the first conducted at the tank since the completion of the multi-month facility refurbishment.

Oil spill researchers used remote sensing tools and sampling devices to advance our ability to 'see' and measure floating oil, to determine oil slick thickness, patchiness, and to calculate how much is on the surface of the water.

[ESI Program Shares Success With St Lawrence River Partners](#)

Protecting America's waterways and coastal regions from the effects of oil and chemical spills is a collaborative mission, and OR&R's Environmental Sensitivity Index (ESI) program strives to build a community of partners. On May 19, Nicolle Rutherford, ESI Program manager, gave a presentation on the available data and many uses of ESIs for Save the River, an organization in northern New York that serves as the Upper St. Lawrence Riverkeeper.

[Office for Coast Survey Demonstrates EchoBoat 240, Funded by Lagniappe Award](#)

The National Ocean Service's Office for Coast Survey demonstrated their new remotely operated uncrewed surface vessel system, the EchoBoat 240, in Annapolis, Maryland to a crowd of congressional staff and stakeholders.

[New Publication Evaluates the Benefits of Marine Debris Removal](#)

A new article titled "[Ecosystem-Service Scaling Techniques to Evaluate the Benefits of Marine Debris Removal\(link is external\)](#)" was recently published in the Journal of Environmental Management. It establishes a new framework to calculate the benefits of removing marine debris from the environment.

[Marine Debris Program Raises Awareness of Marine Debris at Cedar Point Amusement Park](#)

On May 9, NOAA Marine Debris Program staff participated in Cedar Point Amusement Park's Physics, Math, and Science Days.

[Developing Marine Debris Messaging and Our Next Generation of Science Communicators](#)

On May 24, NOAA Marine Debris Program team member Shanelle Naone presented to students participating in a marine debris prevention program with Zero Waste Washington.

USA: JOINT CHEVRON EMERGENCY RESPONSE TEAM TRAINING (JCERTT) TAKES PLACE IN NEW ORLEANS

June 8 - The 2022 JCERTT event took place in New Orleans with more than 700 delegates joining from across the globe.

I TOPF were in attendance delivering multiple presentations, assisting and taking part in training sessions including, Cross-Functional Spill Response Training, Crisis Management Adviser Training and IAP Software Training. JCERTT was attended by representatives from the US Coastguard, Environmental Protection Agency (EPA), National Oceanographic and Atmospheric Administration (NOAA), Louisiana Oil Spill Coordinator's office (LOSCO), Oil Spill Response Limited (OSRL), and Marine Spill Response Corporation (MSRC). I TOPF / [Read more](#)



ADM. LINDA FAGAN SWORN IN AS FIRST FEMALE U.S. COAST GUARD COMMANDANT



Above: President Joe Biden watches on as Adm. Linda Fagan (left) relieves Commandant Adm. Karl Schultz (right) during a ceremony.

June 1 - On Wednesday, Adm. Linda L. Fagan relieved U.S. Coast Guard Commandant Adm. Karl L. Schultz, becoming the first woman to take up the service's top post. President Joe Biden attended the historic event, continuing a tradition set by his predecessors. [The Maritime Executive / Read more](#)

RETIREMENT OF MR RANJIT PILLAI AND STRUCTURAL CHANGES TO THE IOPC FUNDS SECRETARIAT



June 7 - This week, the IOPC Funds bids farewell to its Deputy Director and Head of Finance and Administration, Mr Ranjit Pillai, as he enters his retirement.

Mr Pillai leaves the Secretariat after over 25 years of service to the Organisation, during which he has played a key role in the management of financial issues and overall administrative management of the Funds.

Mr Pillai is succeeded by Mrs Liliana Monsalve as Deputy Director, in a joint capacity as Head of Claims. At the March 2022 meeting, the governing bodies decided to approve the establishment of a new department, the Administration department, which oversees four functional areas: Finance; HR; IT; and Office Management. This new department replaces Finance and Administration department and will be led by Mr Robert Owen. The Finance section of this department will be led by Mrs Claire Montgomery who has been promoted to Chief of Finance. [IOPC Funds / Read more](#)

NEWS FROM ISCO MEMBERS

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

SPILLED OIL MUST BE PICKED UP IN NEW WAYS

June 7 - New thick low-sulfur oils for shipping are good for the air, but hard to pick up if they escape into the sea. The Ministry of the Environment supports the development of a Danish oil skimmer that can handle the task.



Oil pollution at sea requires urgent action if damage to the environment and wildlife is to be contained. We've all seen images of float barriers and oil skimmers practically hauling the oil and sucking it up and away from the water.

That's just not how it looks if it's one of the new types of low-sulfur oils. These are blending oils that have been developed on the basis of international requirements for shipping that from January 2020 there must be no more than 0.5 percent sulfur in the fuel, unless the ship has a flue gas cleaning system installed.

The purpose of the law is to protect the air from sulfur pollution. The new low sulphur oils have also succeeded in reducing the amount of sulphur in the atmosphere, but a new environmental problem may arise if these types of oil escape into the sea.

A spill of low-sulfur oil behaves completely differently from the traditional bunker oil. First of all, the challenge is that there are many types of mixtures of low-sulfur oils. The oil is often so viscous that it becomes stiff as wax when the sea temperature is below 25 degrees. It cracks and turns into small lumps. The lumps cannot be pulled to an oil skimmer, nor will they stick to the skimmer.

New thinking is needed, and so does DESMI Ro-Clean, which supplies equipment to combat oil pollution. The company, which is based in Odense, already produces belt skimmers for traditional oil spiles. They have a fixed belt version that, with modifications, will be a good bet for a skimmer for low-sulfur oils that have turned into solid lumps in the water.

"The belt skimmer rotates and pulls the oil to it. We are working on modifying it so that it can move through the water and pick up the stiff lumps. If the oil does not want to get to the skimmer, the skimmer must get to the oil," explains Peter Dalsgaard, Operations Manager at DESMI Ro-Clean. [Miljoministeriet / Read more](#)

SCIENCE & TECHNOLOGY

ONCE THE SLICK IS GONE: NEW TOOL HELPS SCIENTISTS MONITOR CHRONIC OIL IN ARCTIC WILDLIFE

The loss of sea ice is also making the North more accessible than ever, thus increasing the probability of major oil spills as ship and tanker traffic multiplies. These spills expose the wildlife to new contaminants, including polycyclic aromatic compounds — the main contaminant in oil spills — which can cause cancer in birds.

This influx of new contaminants in the environment makes it challenging for researchers to monitor their effect on wildlife. After studying ways to monitor the quantity and variety of contaminants in Arctic wildlife, we have created a new tool — ToxChip — to analyze changes in the DNA of animals exposed to oil and solve this challenge.

The main compounds found in oil and petroleum products called polycyclic aromatic compounds, or PACs, can harm birds in the marine environment. When emitted through exhaust or spills, these chemicals make their way into wildlife and plants in the area. They easily attach to fat in animals and can accumulate in them throughout their lifetime.

Each gene in an animal's DNA contributes to a specific natural function. Some genes are responsible for regulating an animal's metabolism, while others take care of suppressing tumours. Therefore, if a specific gene is induced after exposure to a contaminant like oil, we can tell what biological processes have been affected.

We have developed a new tool called a ToxChip, which investigates the effects of contaminants on the DNA level in sensitive genes. It can quickly detect changes in the genes of seabirds in response to a contaminant. The ToxChip can be customized to species, contaminants and genes of interest. [The Conversation / Read more](#)

SCIENTISTS INCORPORATE DNA INTO POLYMERS TO CREATE CALCIUM SENSORS

Metal ion pollution is a key challenge in environmental remediation currently, requiring powerful and reliable detection methods to monitor levels of ions in the environment. A team of researchers from Egypt has presented a novel approach to creating calcium sensors: incorporating DNA. Their work has appeared in the journal *Polymers*.

The rapid growth in urbanization and industry has led to vast amounts of organic and inorganic pollutants entering the environment. Amongst these pollutants, metal ions are particularly problematic. Their prevalence and non-degradability lead to proliferation in ecosystems and a deleterious effect on the food chain due to their bioavailability.

Due to these issues, reliable and effective ion sensors have become a research focus recently. Qualitative and quantitative metal ion detection is a key concern for scientists working in the fields of materials science and environmental remediation.

Ca²⁺ ions are released by several industries and from numerous commercial products. Determining the levels of calcium ions is important for areas such as food assessment, medical diagnosis, and domestic and industrial water hardness control. Calcium is a chief component of the skeletal system in animals, and is important for bone and teeth development, along with other biological functions. Several strategies have been developed in recent years to detect and determine the levels of calcium ions in the environment. Methods such as NMR, molecular fluorescent chelators, and flame atomic absorption spectroscopy have been employed by researchers for this purpose.

Current technologies, whilst accurate, are not suitable for the detection of Ca²⁺ ions in environmental samples. However, ion sensors are extremely valuable for detecting calcium ions when there are a large number of samples, due to their low cost, straightforward operation, rapid detection, and online monitoring capabilities.

Optical and electrochemical sensors can overcome the drawbacks of conventional platforms. Several ion-selective electrodes have been developed in recent research for this purpose. An innovative approach has been taken by the researchers behind the current paper in the journal *Polymers*. In the proposed system, DNA is used as the ionophore in a novel electrode for calcium ion detection. Azo Materials / [Read more](#)

CASE HISTORY

CONTAINING THE LONGEST-RUNNING OIL SPILL IN U.S. HISTORY

In 2004, Hurricane Ivan brought down a massive oil platform operated by Taylor Energy, in the Gulf of Mexico. For years, oil has been seeping into the Gulf. Jon Wertheim reports on the efforts of a Coast Guard captain and a Cajun engineer to find a solution. Watch video on YouTube and listen to this interesting presentation at <https://www.youtube.com/watch?v=nY754jCqQY8> [Thanks to Dan Sheehan Hon.FISCO]

TECHNICAL SUPPORT

INTERSPILL INFORM: CLEAN SEAS WEBINAR MARINE DEBRIS AND PLASTIC POLLUTION NOW ON YOUTUBE

On 31 May Interspill Inform hosted an interesting webinar on Marine Debris and Plastic Pollution. It is part of our Clean Seas webinar series which is a prelude to the Clean Seas Day at Interspill on 23 June. Click on this link to listen - <https://interspill.us6.list-manage.com/track/click?u=4844a43d0141f75a06ed9d7eb&id=6cdbe57f97&e=f404fadf12>

TRAINING COURSES

USEFUL LINKS

- INTERNATIONAL – IMO E-LEARNING PLATFORM [e-learning platform](#)
- AUSTRALIA – AMOSC - <https://amosc.com.au/training/>
- AUSTRALIA & NEW ZEALAND – ALGA - <https://landandgroundwater.com>
- EUROPE – EMSA Academy 2022. [Courses Catalogue](#)
- FRANCE - CEDRE - Click on these links [training catalogue](#) and [2022 calendar](#).
- UK & WORLDWIDE – OIL SPILL RESPONSE LTD. - <https://www.oilspillresponse.com/training/courses/>
- UK & WORLDWIDE – BRIGGS ENVIRONMENTAL SERVICES LTD. - <https://www.briggsmarine.com/services/training/>
- UK – NCEC HAZMAT ACADEMY – [More info](#)
- USA – TEXAS A&M UNIVERSITY – NATIONAL SPILL CONTROL SCHOOL <https://www.tamucc.edu/research/nscs/>
- USA – MPC, DETROIT - <https://marinepollutioncontrol.com/services/training-and-compliance>
- USA – ALLIANCE OF HAZARDOUS MATERIALS PROFESSIONALS - https://www.ahmpnet.org/events/event_list.asp

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

UPCOMING EVENTS

TO VIEW UPCOMING EVENTS PLEASE CLICK ON <https://spillcontrol.org/upcoming-events/>

To see ALL of the posted events you will need to click on "LOAD MORE" at the foot of each opened "upcoming events" page. Event organisers are requested to notify ISCO immediately if a listed event is cancelled or postponed.

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

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

Recently added to the Upcoming Events page - Interspill Science Workshops, at Interspill on June 21 to 23;

UPCOMING WEBINARS & PODCASTS

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John.mcmurtrie@spillcontrol.org

MESSAGES FROM EVENT ORGANISERS

PAPER SUBMISSION DEADLINE DATES

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

EUROPE: INTERSPILL – ON MONDAY 20th JUNE - ON WATER DEMONSTRATIONS

Spill Response Group Holland (SRGH) as hosts of Interspill 2022 have agreed with the Port of Amsterdam for an On Water Demonstration area to be available on the River Amstel. Up to 10 of the SRGH members have agreed to support an On Water Demonstration. It will be hosted on the sustainable vessel Z8.

SRGH confirms that the demonstration is open to any exhibitor at Interspill 2022. If you wish to participate in providing a demonstration please contact Edwin Stolk - edwin@epahs.nl

The On Water Demonstration is available to all who attend Interspill 2022. Edwin Stolk, chairman of Spill Response Group Holland will be your host. Boarding starts from 18:15 – 18:30 at Zouthaven, 15 minutes by Metro from RAI, with the demonstrations taking place on the River Amstel followed by a cruise through Amsterdam by night returning at 21:45.

On board, you will be welcomed with a drink and discuss the latest developments in the Oil Spill Preparedness and Recovery Industry. While enjoying drinks and food and the On Water Demonstration, there is also plenty of time for socializing and networking to meet with professionals in the industry.

There is a limited number of places available to attend this event. Places are on a first-come, first-served basis. Tickets are €100 and include a buffet. Delegates pay for travel costs to the Pier from RAI. To attend just tick the box "On Water Demonstration" on the delegate registration form of Interspill 2022.

TIMETABLE

1815-1830hrs	Boarding commences at Zouthaven
1830hrs	Vessel departs Pier for Demonstration Area
1845hrs	On-water demonstration commences, commentator from SRGH on vessel
1945hrs	On-water demonstration completes, vessel departs for 2 hrs cruise on the Amstel river
1945-2015hrs	Presentation by SRGH and any sponsors
2015hrs	Buffet Meal and Networking
2130hrs	Closing comments by SRGH
2145hrs	Vessel returns to Zouthaven. Guest depart for networking ashore

Please book to attend the On Water Demonstration as you register. If you have already registered then register again and book the On Water demonstration. [Book Here](#) [Download On Water Demonstration Brochure](#)

USA: CLEAN PACIFIC - PREVIEW THE SPEAKER LINEUP - AUGUST 23-24

Chris Battaglia, President, Co-Owner, Focus Wildlife International
Michelle Bellizzi, Response Services Manager, International Bird Rescue
Matt Bissell, Plan Development and Review Unit Supervisor, WA State DOE, Spills Program
Barbara Callahan, Senior Director of Response Services, International Bird Rescue
Raymond Cardinal, Committee Member, TMX Indigenous Advisory and Monitoring Committee (IAMC)
Michael Carlson, NRDAR/Spill Response Coordinator, USFWS
Valerie Chu, Fish and Wildlife Biologist, USFWS
CDR Stacey Crecy, Commanding Officer, U.S. Coast Guard Sector Detroit
Rebecca Duerr, Director of Research and Veterinary Science, International Bird Rescue
Todd Duke, General Manager - Compliance Services, Resolve Marine
Becky Elias, Scientist, Environmental Assessment Services, LLC
Jim Elliott, Chief Operating Officer, Teichman Group, LLC
Nicole Franks, President, NJ Resources, Inc.
Steve Garcia, Sr. Manager of Response Services, Gallagher Marine Systems LLC
Amy Gohres, Response Specialist and Strategic Project Manager, NOAA/Genwest
Meg Harris, Executive Coordinator, Pacific States/British Columbia Oil Spill Task Force
Thomas Haug, Response Manager, Witt O'Brien's
Haley Kennard, Natural Resource Policy Analyst, Makah Tribe
Erick Kusnir, Geophysicist, Benthic Geoscience
LT Aidan Leddy-Phillips, U.S. Coast Guard Pacific Strike Team
Ken McLernon, Manager, Emergency Management, Trans Mountain Pipeline LP
Janet Niessner, Tribal Resource Response Specialist, Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians
Mark Ploen, Vice President, QualiTech Environmental, Inc.
Carol Reamer, Director, Port of Neah Bay
Beth Sheldrake, Emergency Management Branch Chief, U.S. EPA Region 10
Rachel Stewart-Dziama, Research Associate, CLEAR SEAS Centre for Responsible Marine Shipping
Capt. Josh Temple, Executive Director, Coastal Restoration Society

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

CANADA: INTERNATIONAL OIL SPILL SCIENCE CONERENCE 2022 – OCTOBER 4-7

[Call for abstracts](#) The deadline to submit an abstract is June 17, 2022 [Preliminary Conference Programme](#) [Registration](#)

USA: CLEAN GULF CONFERENCE & EXHIBITION – NOVEMBER 8-10, 2022 JUST RELEASED – PRELIMINARY CONFERENCE AGENDA

The [preliminary conference agenda](#), with speakers, is now available for the 2022 CLEAN GULF Conference & Exhibition!

This year's CLEAN GULF program is the largest we have planned in years, and we are very excited to expand the scope of topics offered in the conference sessions.

Check out this year's program and commit to joining your peers in spill prevention and response this November. [View Exhibition Contract](#) [View Conference Sessions](#) [Register for Clean Gulf](#)

AUSTRALIA: SPILLCON 2023: 11-15 SEPTEMBER 2023

We are delighted to announce that Spillcon 2023 has been confirmed for 11–15 September 2023 at the Brisbane Convention and Exhibition Centre, Queensland, Australia.

Proudly organised by Australia's key government and industry agencies responsible for Australia's marine environmental protection arrangements, the Australian Institute of Petroleum (AIP) and the Australian Marine Oil Spill Centre (AMOSOC) invite you to attend the international oil spill conference for the Asia-Pacific region, Spillcon 2023.

Spillcon 2023 will bring together local, regional and global environmental and shipping representatives across industry, government and non-government organisations to provide an avenue to discuss issues including causes and prevention, preparedness, response management and environmental issues.

For more information contact Spillcon Event Team, Nicky Reading, GPO Box 279, Canberra ACT 2601, Australia

Phone +61 417 244 355 Email spillcon@aip.com.au

CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES

INTERNATIONAL OPEN TENDER NOTIFICATION SERVICE

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

OTHER OPPORTUNITIES: USA & EUROPE

US Government solicitations are frequently posted in Technology Innovation News Survey <https://clu-in.org/products/tins/> US EPA Tech Direct <https://clu-in.org/techdirect/archive/> and USA Federal Contracts Update <https://clu-in.org/Federal-Contract-Opportunities>

European Maritime Safety Agency invitations to tender are often posted in The EMSA Newsletter <https://www.emsa.europa.eu/newsroom/newsletters.html>

LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS

TO VIEW LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS PLEASE CLICK ON

<https://spillcontrol.org/2021/10/19/links-for-downloading-and-reading-other-publications/>

As a service to its Members ISCO provides a listing of publications that may be of interest to our community. This page provides details and links for downloading more than 40 publications most of which can be accessed at no cost.

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

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

JOB VACANCIES



Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC)

The International Maritime Organization (IMO) has published three vacancy positions located within REMPEC, based in Floriana, Malta. For more information please click on <https://spillcontrol.org/job-vacancies/>



European Maritime Safety Agency

Looking for a Traineeship? Join EMSA this autumn!

EMSA launches 11 Traineeship vacancies. Deadline 30.06.2022

More info: <https://spillcontrol.org/jobs/traineeships-at-emsa-this-autumn/#>

NEW PUBLICATIONS

SDG ROADMAP PROGRESS REPORT – JUNE 2022



In April 2021, Ipieca and the World Business Council for Sustainable Development (WBCSD) published Accelerating action: an SDG Roadmap for the oil and gas sector (Roadmap), which identifies actions Ipieca and the oil and gas sector can take to accelerate the realization of the UN Sustainable Development Goals (SDGs) across three systemic themes of climate, nature and people.

This report highlights some of the progress Ipieca has made towards implementing the Roadmap, including:

- Implementation statistics
- Traffic light status of all 46 Ipieca impact pathways
- Examples of how Roadmap actions are embedded in Ipieca's business plan

The SDG Roadmap is the latest milestone in Ipieca's efforts to drive industry action on the SDGs since the development of the SDGs at Rio+20 and their official adoption in 2015

NEW PUBLICATIONS (CONTINUED)

'As governments, business and civil society come together at Stockholm+50 to accelerate action to deliver the 2030 Agenda, we are using the occasion to raise awareness of the SDG Roadmap project to inspire SDG action and collaboration across the oil and gas sector and beyond' comments Ipieca Deputy Executive Director Sophie Depraz, who will be participating at a Stockholm+50 side event hosted by WBCSD.

'The implementation of the Roadmap is proving to be an integral part of the oil and gas industry's progress towards the SDGs', says Mar Granados Calatrava, Sustainability Strategy and Coordination Manager for Repsol and Ipieca Sustainable Development Goals Task Force ExCom Champion. 'In a time when direct action is needed more than ever, the Roadmap provides a great framework to plan and evaluate contributions to social, environmental and climate goals.' IPIECA / [Read more](#)

INCIDENT REPORTS

USA & CANADA: OIL SPILL IN ST. MARY'S RIVER, SAULT STE. MARIE

June 9 - Algoma Steel responded with a statement following an oil spill early Thursday morning. SaultOnline.com's Dan Gray broke the story early Thursday. Brenda Stenta, Algoma Steel's Communication and Branding manager released the following statement: A quantity of oil left our site early this morning and entered the adjacent waterway. The source of the spill has been safely contained. The Ministry of Environment, Conservation and Parks, the Spills Action Centre, the Canadian Coast Guard and the City of Sault Ste. Marie have been notified and we are currently coordinating with officials, deploying equipment, resources and personnel to mitigate any possible impact to the environment. Sault Online / [Read more](#)

June 9 - An oil spill temporarily closed shipping traffic on the St. Marys River between Ontario and Michigan's Upper Peninsula, the U.S. Coast Guard said Thursday. The 5,300-gallon spill originated from Algoma Steel in Sault Ste. Marie, Ontario, around 10:30 a.m. Thursday. The 75-mile river connects Lake Superior and Lake Huron and serves as part of the border between Michigan and Ontario. The Coast Guard asked for all traffic to stay away from the affected area. The river reopened to shipping traffic later Thursday. WXYZ / [Read more](#) [Thanks to Marc Shaye, Hon.FISCO]

June 10 - Oil spilled from an Ontario steel mill into the waterway connecting Lake Superior and Lake Huron is "not recoverable," said the U.S. Coast Guard. The estimated 5,300 gallons of gear oil spilled at the Algoma Steel mill in Sault Ste. Marie, Ontario, on Thursday, June 9, will persist in the water until it biodegrades, the U.S. Coast Guard said Friday, during its second day of spill response in the St. Marys River. "It's not a product that will evaporate, but it should naturally weather over the next few days and dissipate," said Lt. Tyler Carlsgaard, with the U.S. Coast Guard in Sault Ste. Marie. Carlsgaard said response efforts are focused on the north end of Sugar Island, located on the eastern end of Sault Ste. Marie. Canadian environmental authorities said they are overseeing the cleanup of oil spilled at the steel facility, which is in early stages. Officials at the Ontario environment ministry said they were unsure of the volume of oil that spilled into the river, but most remained on the ground at the company. MLive / [Read more](#)

SWEDEN FINDS "ENORMOUS" SUBSTANCE FLOATING IN GULF OF BOTHNIA

June 9 - Members of Sweden's Coast Guard found a 200km long and 10km wide, unknown substance floating in the middle of the Gulf of Bothnia, according to Swedish public broadcaster SR.

Characterising the presumably spilled substance "enormous," SR reported (siirryt toiseen palveluun) that, apart from spills of mineral-based oil, the incident was likely the largest of its kind, according to the Swedish Coast Guard.

Kalle Ahola, West Finland Coast Guard District's field director, said on Thursday that the substance was spotted in satellite images taken about a day-and-a-half ago. "The Swedish Coast Guard has been monitoring the situation from the air. There's not certainty or even suspicions about what the substance could be, but it's not likely mineral-based oil, so there is no need to control measures," Ahola explained. Yle news / [Read more](#)

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