

ISCO & THE ISCO NEWSLETTER

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

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

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INTERNATIONAL NEWS

CLICK ON THE BANNERS BELOW FOR MORE INFORMATION



UNEP: 2022: EMERGENCY MODE FOR THE ENVIRONMENT

January 6 - As the new year gets underway, the world continues to grapple with a number of familiar challenges – the continued COVID-19 pandemic, resurgent wildfires, enduring crises of climate change, biodiversity loss, and pollution and waste. Yet, 2022 could prove to be a seminal year for the environment, with [high-level events and conferences scheduled](#), which are hoped to re-energize international co-operation and collective action.

The coming year will also mark two golden jubilees. In 1972, the world took up the environmental mantle at the historic [UN Conference on the Human Environment](#) in Stockholm. The meeting firmly placed the environment on the priority list of governments, civil society, businesses and policymakers, recognizing the inextricable links between the planet, human well-being and economic growth. Now, fifty years later, the [Stockholm+50 meeting in June 2022](#) will commemorate the event, reflect upon half a century of global environmental action and look forward. [Read more](#)

IMO: THE CAPACITY-BUILDING DECADE 2021-2030

December 20 - The IMO Assembly adopted a resolution setting out the Organization's aims and ambitions related to capacity building during the current decade, adopting the Capacity-Building Decade 2021-2030 Strategy. The strategy aims to support Member States in the adoption, implementation and enhancement of compliance with IMO instruments.

The strategy will address the needs of Member States including issues identified through the IMO Member State Audit Scheme (IMSAS); and achieve the maritime aspects of the 2030 Agenda and Sustainable Development Goals (SDGs), through a focus on supporting the development and implementation of robust national maritime policies and strategies predicated on harnessing the full potential of the maritime economies. The strategy includes: mission statement; vision statement; overarching principles for the Capacity-Building Decade 2021-2030 Strategy; and four work streams setting out the areas of particular strategic focus for the period 2021 to 2030: 1. to

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(Members with special responsibilities in specified geographical areas)

Carlos Sagrera	Región Iberoamericana
Matthew Sommerville	UK London
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Wue Yu	China

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



Click on the link below –

<https://www.linkedin.com/groups/4016064/>



AND ISCO'S FACEBOOK GROUP

Click on the link -

<https://www.facebook.com/groups/388528312842431>

WHATSAPP GROUP FOR STUDENTS, TRAINEES & APPRENTICES

Here is the link for joining this group –

<https://chat.whatsapp.com/KMxdW7IEal79namyNlbVqg>

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.

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The organization offers independent validation and integrity. Each grade of membership reflects an individual's professional training, experience and qualifications. You can apply for MEMBERSHIP (MISCO) or FELLOWSHIP (FISCO)

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INTERNATIONAL NEWS (CONTINUED)

reform and streamline IMO's internal organization for delivery of technical assistance; 2. support Member States in maritime development; 3. enhance the Regional Presence Office (RPO) Scheme; and 4. strengthen the global training and development network. IMO / [Read more](#)

EUROPE: 2022 HAS MUCH IN STORE AS EMSA CELEBRATES ITS 20TH ANNIVERSARY

Throughout 2022, EMSA will launch a series of activities to celebrate the 20 years since its foundation. The anniversary will encompass events in Lisbon, where the Agency is based, and across the EU in collaboration with Member States. In addition, each month of the year will feature a special focus on EMSA's key activities through videos, online, and social media, to introduce the Agency's main tasks to a wider audience. EMSA / [Read more](#)

ISCO NEWS

NEXT ISCO MONTHLY ZOOM MEETING OF MEMBERS

The next monthly meeting will be on Thursday 27th January 2022 at 3 pm EST. The link for joining the meeting and the agenda will be advised nearer the time.

ONLINE MEETINGS WITH STUDENT MEMBERS

Capt. D. C. Sekhar, Member of ISCO Council, advises "We have organized these talks to establish the diversity of resources that the students bring to ISCO. Peter has done a neat job of organizing the schedules. We invite other ISCO members to join in".

Peter Balogun writes – "These will be online meetings where each student presents for about 15 to 20 min. We will learn about this student's area of work and how this stream of science adds value to domain of oil spill response / plastic pollution or such related areas. Another ten minutes will be available for Q & A".

At 2 pm GMT on Thursday 6th January the second of these meetings took place.

Kayode Peter Balogun, Department of Biology, Environmental Biology and Public Health Option, Federal University of Technology, Akure (FUTA) gave a presentation on "Potential of *Musa paradisiaca* in phytoremediation of soil contaminated by crude oil". The main focus of this work is to provide information on the potential of *Musa paradisiaca* cultivars to cleanup/remediate the environment. The research work will also provide information on the suitability of plantain fruit developed on crude oil polluted soil for human consumption".

Meetings will be held at 2 pm GMT. The Schedule for the next meetings with Capt. D. C. Sekhar are as follows - Larrisa Montas: Thursday 20th January, 2022; Marko Dordevic: Thursday 3rd February, 2022. For more info about joining these meetings please contact balogunkayodepeter@yahoo.com or captcdsekhar@gmail.com

NEXT STUDENT MEMBER PRESENTATION

The next presentation will be given on 20th January by Larissa Montas, Department of Chemical, Environmental and Materials Engineering University of Miami. The title of her presentation is "Use of a 3-D Fate and Transport Model to estimate "Age-at-Sea" and PAH Depletion of Weathered Oil Slicks".

Larissa Montas is a Ph.D. Candidate with the University of Miami's Civil, Architectural, and Environmental Engineering Department and a Gulf of Mexico Research Initiative's (GOMRI) Scholar with the Beach Exposure And Child HEalth Study (BEACHES). Larissa is a University of Miami alumni with undergraduate degrees in civil and environmental engineering and a master's degree in civil engineering (environmental focus). Her research focuses on oil spill chemical distributions in the marine nearshore environment, oil spill emissions and potential impacts to air quality. Larissa's work is interdisciplinary and integrates geospatial technology, remote sensing and environmental public health.

Abstract - Polycyclic aromatic hydrocarbons (PAHs) are the more toxic components

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Mike Watson at
spillcontrol@mwadigital.com

of oil spill chemicals. During the time oil is in the marine environment (a.k.a. age at sea), weathering causes significant changes in composition and mass loss (depletion) of PAHs in the remaining oil. The goal of this study was to determine whether changes in PAH concentrations due to weathering can be predicted from the oil's age-at-sea as estimated from an oil spill fate and transport model. The objective of this study was to determine the feasibility of expanding current modelling capacity of a well-established oil fate and transport model to predict individual concentrations of parent and alkylated PAHs in weathered oil. We used spatiotemporal data analysis to integrate measured PAH concentrations from weathered oil slick samples collected along the Gulf Coast with age-at-sea estimates from the oil spill module of the Connectivity Modeling System (oil-CMS). Results show that mean percent depletion (PD) increased with age-at-sea for all PAHs. Among the PAHs, less PD was observed for alkylated

PAHs, than for parent PAHs, likely due to the relationship between decreasing vapor pressure with increasing degree of alkylation ($R^2=0.90$). Results suggest that PAH vapor pressure can be potentially coupled with the output of the oil-CMS to predict concentration distributions for individual PAHs. These concentration distributions can be used to improve estimates of PAH concentration distributions at human exposure zones which in turn can be used to estimate health risks from oil spills.

ISCO OFFERS A FREE MEMBERSHIP FOR STUDENTS, TRAINEES AND APPRENTICES

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

- **A WHATSAPP GROUP HAS BEEN CREATED FOR STUDENT MEMBERS**

Group leader Kayode Peter Balogun advises "Follow this link to join the ISCO WhatsApp group:

<https://chat.whatsapp.com/KMxdW7IEal79namyNibVqq>"

- **DURATION OF FREE PERIOD OF MEMBERSHIP FOR STUDENTS, TRAINEES AND APPRENTICES**

ISCO provides Student Membership free of charge during the period of the student's studies.

Students, trainees and apprentices are invited to join the Group and send in their profiles, a photo and share news of their activities for sharing information and possibilities for ideas-exchange and co-operation.

Student Members are invited to submit articles about the work they are doing.

Student Group leader Peter Balogun can be reached at balogunkayodepeter@yahoo.com. He can relay any messages you would like to send to Student Members of ISCO. Mary Ann Dalglish (VP Membership) can be reached at mrydetroit@aol.com.

We do our best to alert you about things that may be of interest to you and ask that you reciprocate by sending us info on events, opportunities, etc. that may be of interest to other Student Group Members and can be shared on this page.

John.mcmurtrie@spillcontrol.org

NEWS REPORTS FROM AROUND THE WORLD

NIGERIA: THE BODO REMEDIATION AND REVEGETATION PROJECT MARKS SIGNIFICANT MILESTONE

The Bodo Project, including both clean-up and the restorative planting of mangrove seedlings, has reached an important 1- year completion milestone following a 7-month suspension due to Covid-19 restrictions. The effort by Contractors, Project management, and key stakeholders during this time span has enabled significant progress on all key aspects of the Project. The Bodo Project includes nearly 1000 ha of damaged area that needs to be remediated, chemically certified to Nigerian regulatory requirements, and then planted with approximately 2 million seedlings. This is the largest Project of this kind in the Niger Delta and is setting an international precedent for cleanup and assessment methods in large oil affected mangrove habitats. Success is measured by the percent of total hectares confirmed by the Shoreline Cleanup and Assessment Techniques (SCAT) Team, chemically certified, and then replanted.

[Read more about the progress of the project and view photographs in the 2021 end-of-year Bodo Mediation Initiative Newsletter](#)

NIGERIA: THE OIL THIEVES OF NIGERIA

January 4 - The lead story in THISDAY newspaper of December 30, 2021 brought the year to a close with a reminder of one of the many ills that bedevil Nigeria, encapsulated in a telling headline: "With Rising Theft, Nigeria Records 193 million barrels of crude oil deficit in 11 months". This is otherwise translated into an estimated \$3.5 billion of revenue lost to crude oil theft in 2021 alone, in other words, about 10% of the country's foreign reserves. For a country that depends on petroleum products for about 85% of its total exports revenue and has been unable to define a future for itself beyond oil, oil theft is akin to a national calamity, a massive erosion, and an economic sabotage of the highest order. Even if it may not be the only factor that contributes to crude oil deficit, its impact is worth investigating. With regard to oil theft, THISDAY newspaper was not exactly reporting any new trend. Oil theft has been perennial and unceasing and indeed, it gets worse by the year. This Day / [Read more](#)

USA: REDEFINING REGULATED WATERS...AGAIN

December 30 - As sure as winter leads to spring and spring to summer, when the White House changed parties last year, it was certain that the definition of waters of the United States (WOTUS) would change.

Sure enough, on December 7, 2021, the proposed new definition of WOTUS was published in the Federal Register.

Pre-2015 Definition of WOTUS - The Environmental Protection Agency (EPA) announced the upcoming proposed changes in November. "Today, the U.S. Environmental Protection Agency (EPA) and U.S. Department of the Army (the agencies) announced a proposed rule to re-establish the pre-2015 definition of "waters of the United States" (WOTUS) which had been in place for decades, updated to reflect consideration of Supreme Court decisions."

Why the pre-2015 definition of WOTUS? Because the Obama Administration's final WOTUS rule was immediately met with litigation and was, for all intents and purposes, never implemented. The definition of WOTUS under the Obama Administration was far too broad and impractical. [Dragun Corporation / Read more](#) [Thanks to Marc Shaye, Hon.FISCO]

USA: LATEST NEWS REPORTS FROM NOAA OR&R

January 6 – Please click on the links below to download and read the latest News Reports from NOAA OR&R.

[Marine Debris Program Partners to Develop Prototype Application to Locate, Classify, and Count Large Marine Debris](#)

As part of a [Fiscal Year 2020 award](#) from the NOAA Office of Marine and Aviation Operations Office of Uncrewed Aircraft Systems Program, researchers from the NOAA National Centers for Coastal Ocean Science (NCCOS), Oregon State University, Genwest, and [ORBTLAI\(link is external\)](#), together with the [NOAA Marine Debris Program](#), have developed a publicly available [prototype application\(link is external\)](#) for classifying marine debris from aerial images that users upload.

[Marine Debris Program Supports Enhanced Marine Debris Detection Using UAS](#)

Researchers from the NOAA National Centers for Coastal Ocean Science (NCCOS) and Oregon State University recently completed field operations in support of the NOAA Office of Marine and Aviation Operations Office of Uncrewed Aircraft Systems (UAS) Program-funded project "Using Unmanned Aircraft Systems, Machine Learning, and Polarimetric Imaging to Develop a System for Enhanced Marine Debris Detection and Removal."

NO NEWS FROM YOUR PART OF THE WORLD ?

Members and other readers are invited to help rectify the balance of world news reporting. News stories from North America, UK, Australia, etc. are much more accessible on the internet than reports from other parts of the world and especially from non-English-speaking countries.

If you come across a report or an article that you think worth sharing with other members of the response community, why not send it to the editor at info@spillcontrol.org

PEOPLE IN THE NEWS

IOPC FUNDS WELCOMES ITS NEW DIRECTOR



January 6 - Following his election in November 2021, Gaute Sivertsen has now taken up office as Director of the IOPC Funds as of 1 January 2022. Mr Sivertsen of Norway began his five-year term of office with the Secretariat at the Organisation's headquarters in London this week following the departure of his predecessor, Mr José Maura, whose second term of office as Director came to an end in December 2021. More information on Mr Sivertsen's background is available under the Secretariat section.

Mr Sivertsen joins the Secretariat at a time when, in accordance with current UK Government guidance relating to the ongoing COVID-19 pandemic, staff are for the most part working remotely as a precautionary measure. The IMO building, and consequently the IOPC Funds' offices are currently closed to visitors. However, the organisation continues to process claims and pay compensation. Furthermore, whether at the office or working from home, staff remain contactable via their usual email addresses and contact numbers. In the case of any doubt or for general enquiries, it is recommended that the email address info@iopcfunds.org is used. Please rest assured that all messages will be received and responded to at the earliest opportunity.

Mr Sivertsen is looking forward to working with all members of the Secretariat and hopeful that it will be possible for more staff to return to the office in due course. He is already beginning preparations for his first meeting of the governing bodies as Director in March 2022, and is looking forward to engaging with Member States, industry and other stakeholders over the coming months.

AlphaMERS SIGNS MOU TO PROVIDE PLASTIC CREDITS

AlphaMERS, a leading river clean-up company based in India, has signed a Memorandum of Understanding (MOU) with ClimeCo, a global leader in plastic credits.

"We are excited to collaborate with AlphaMERS, who has the expertise to scale the prevention of 1000s of tons of plastic waste from reaching the ocean in India," says Christopher Parker, Director of Plastic Program at ClimeCo. "Through plastic credits, companies can support the restoration of India's river ecosystems."

Plastic credits, an equivalent to the carbon credits model for managing plastic waste, is an impactful financing mechanism between those who address the ocean bound plastic issue on the ground and those who fund and support such initiatives. This partnership will allow plastic credits to be generated and purchased through ClimeCo to support AlphaMERS' current clean-up efforts and allow for project expansion.

AlphaMERS' current clean-up efforts and allow for project expansion. "This is coming together of a proven technology with a reputed player in the fund support to initiate such projects," says DC Sekhar, Director of AlphaMERS. "This partnership is bound to make a large environmental impact." www.alphamers.com www.climeco.com

NEWS FROM BALAENA – FURTHER DEVELOPMENT OF NEW RESPONSE VESSEL

"My name is Russell Covington, Founder and President of Balaena, LLC. As recently enrolled members of the ISCO, one of my partners, Brad Rutledge, and I have been discussing the issue of nurdles recovery as outlined in your ISSUE 817 Newsletter, December 13, 2021. We quite confident that our technology as applied to our current proof of concept vessel is likely a very good option for aggressive recovery of floating nurdles. This particular vessel, "Mr. Don", has an intake rate of 4,000 GPM and a rotary lobe discharge pump that has a tolerance of up to 1" solids. While the equipment was originally designed with the intent of oil spill collection, and as proven at Ohmsett last April, is very effective. We have also determined that with the inclusion of a two stage grinding/macerating set-up, we can be equally effective with recover of floating trash, plastic, toxic algae, and other floating products. In the case of recovering nurdles, and given the 1" solids capacity, we believe there will be essentially no modifications required. The process would includes a trailing decks barge on the deck of which we plan to load expanded metal (aluminum) baskets lines with an industrial mesh material. Our product discharge pump will deliver a slurry of seawater and nurdles into the basket allowing for dewatering prior to transport of the baskets to the shore. Of note, this vessel should be able to collect in stationary mode while attached to containment booms, or in a transit mode up to 2 knots while attached to boom or independently so.

We are currently scheduled for testing at Ohmsett during the week of May 23rd, 2022. We have a number of tests that we need to get through including stationary oil collection, advancing skimmer collection (per discussions with BSEE), and multi-point oil collection utilizing our wetlands suction pod system (this is a recent development). As should be obvious, it promises to be a busy week. However, if by that time a Working Group to consider the issue of nurdles has been formed, or at least if someone has taken point on this issue, it might prove worthwhile to dump a few hundred pound of nurdles in the tank so we can witness together if the effectiveness of Balaena for this application meets with our expectations. If there is a genuine interest in further discussion, please contact: Brad Rutledge, Vice President Business Development, Balaena, LLC, 6354 FM 105, Orange, TX 77632" brutledge@balaenah2o.com. <http://balaenah2o.com/>

AMBIPAR PARTICIPAÇÕES E EMPREENDIMENTOS SA : CHEMICAL EMERGENCY RESPONSE. GOING BEYOND THE CALL.

Ambipar's Chemical Emergency Response services are very much a reflection of the man who helped design them - Technical Director Jorge Carrasco, whose education and career include the following:

- A Naval Engineering undergraduate degree.
- A Certification in Solid State Chemistry from MIT.
- A management position in railroad safety operations - where he was in charge of emergency spill response, as well as safe transportation / emergency prevention.
- Management of international hazmat operations at the U.S. Security and Emergency Response Training Center in Pueblo, Colorado.

It's a background that touches nearly every aspect of emergency response and management -like our Chemical Emergency services. "For starters," Carrasco notes, "Ambipar is the only company in America that responds to all chemical classes, from One to Nine, and every transportation mode: Rail, highway, pipe, water and air."

That said, breadth of services means nothing without depth, which is why Carrasco is quick to point-out Ambipar Response's company-wide commitment to professional excellence. "In 2005, we made the decision to adopt American regulations as our standard - including all relevant OSHA and NFPA emergency response standards. That decision led to three years of employee training and certification. Today, every field employee takes yearly refresher courses to keep their certifications updated." [More info](https://www.ambipar-response.com/)

TRAINING COURSES

USEFUL LINKS

- AUSTRALIA – AMOSC
- AUSTRALIA & NEW ZEALAND – ALGA - <https://landandgroundwater.com>
- 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 <http://nscs.tamucc.edu/schedule-2020-2021.html>
- USA – MPC, DETROIT - <https://marinepollutioncontrol.com/services/training-and-compliance>

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

UPCOMING EVENTS

CERTIFICATE IN MARITIME ENVIRONMENTAL MANAGEMENT

From Lloyds Maritime Academy - Starts 27 January 2022 | 12 weeks | 100% online | Tutor-led

This all-encompassing 12-week course will cover all impacts of the maritime sector on environmental management, providing the essential tools you need to minimise your environmental footprint and maximise commercial effectiveness. [More info](#)

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

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

JANUARY 19 - UK & IRELAND SPILL ASSOCIATION – WAKASHIO PART 6 – ONE YEAR ON - 1500 GMT More info at <https://spillcontrol.org/upcoming-webinars/>

FEBRUARY 9 - WEBINAR ON POINTS TO CONSIDER IN THE SELECTION OF OIL SPILL BOOMS - 10:00 AM (CET) More info at <https://spillcontrol.org/upcoming-webinars/>

MESSAGES FROM EVENT ORGANISERS

USA: CLEAN WATERWAYS - APRIL 5-7, PITTSBURGH, PA

Session details for the [2022 CLEAN WATERWAYS program](#) are now available! We’re bringing you 10 conference sessions focused on topics specific to fresh water spills and environmental considerations. The information given in these sessions will give you direct applicability to your work and environment your company serves. <https://www.cleanwaterwaysevent.org/>

CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES

INTERNATIONAL OPEN TENDER NOTIFICATION SERVICE

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

OTHER OPPORTUNITIES: USA & EUROPE

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

JOB VACANCIES

UK: SCOTLAND – NRC – OIL SPILL RESPONSE SUPERINTENDENT

“To maintain and operate all company equipment in company locations and client specified sites, delivery training and support the wider international business. Primarily this is a position based in Oldmeldrum, Aberdeenshire, but expectation is 60% office based and 40% international travel based”.

For more info visit <https://spillcontrol.org/2013/02/04/job-vacancies/>

LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS

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

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

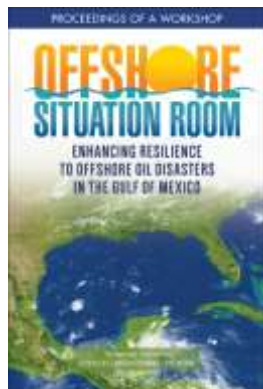
This page is frequently updated. ISCO depends on regular receipt of updated URL links for listed publications. If these are not received, relevant entries will be discontinued. Publishers are kindly requested to advise the editor john.mcmurtrie@spillcontrol.org if any links are not up-to-date. Readers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

NEW PUBLICATIONS

MEDITERRANEAN OIL INDUSTRY GROUP – JANUARY 2022 NEWSLETTER

Download at http://medoilgroup.org/newsletters/Newsletter_Issue_45.pdf

OFFSHORE SITUATION ROOM: ENHANCING RESILIENCE TO OFFSHORE OIL DISASTERS IN THE GULF OF MEXICO: PROCEEDINGS OF A WORKSHOP



More than a decade after the Deepwater Horizon disaster, the Gulf Research Program convened a diverse group of 60 experts in a virtual event to inform its efforts to enhance resilience to future offshore oil disasters in the Gulf of Mexico region. The event, Offshore Situation Room, took place over three half-days during June 15-17, 2021, and had four main objectives: 1) develop a concise, prioritized list of questions that need to be addressed to support successful prevention, response, and recovery that would minimize the impacts of an offshore oil disaster; 2) provide a collaborative atmosphere where participants can share ideas, capabilities, and information, and build a community dedicated to the successful prevention of, response to, and recovery from an offshore oil spill disaster; 3) explore capabilities for and impediments to prevention, response, recovery, and understanding impacts of an offshore oil disaster in the Gulf of Mexico; and 4) highlight how changes in policy, response, resilience, and restoration efforts may affect outcomes of a major offshore incident. This publication summarizes the presentations and discussion of the event.

[More info](#) [Thanks to Ed Levine]

EUROPE: EMSA NEWSLETTER FOR JANUARY 2022

In this issue: 2022 has much in store as EMSA celebrates its 20th anniversary; Recently published EMSA Outlook 2022 gives insight into Agency activities in the year ahead; Workshop held on Automated Behaviour Monitoring and Advanced Analytics; EMSA’s MaKCs web-based learning management system supports national needs of interested member states; Annual Overview of Marine Casualties and Incidents 2021 now published; European Coast Guard Cooperation – gaining greater awareness of Search and Rescue activities;

NEW PUBLICATIONS (CONTINUED)

Update on the activities of the EMSA Academy for the Consultative Network on Technical Assistance; France's Maritime Prefect for the Atlantic visits EMSA. [Read more](#)

EUROPE: EMSA - ANNUAL OVERVIEW OF MARINE CASUALTIES AND INCIDENTS 2021 NOW PUBLISHED

EMSA has published the Annual Overview of Marine Casualties and Incidents 2021 which presents statistical data on marine casualties and incidents for the 2014-2020 period. This is one of the most downloaded publications produced by EMSA, showing the interest of the maritime sector and public in general in this important topic. The statistics presented are extracted from data uploaded to the European Marine Casualty Information Platform (EMCIP) by the maritime accident investigation bodies of the EU Member States.

General figures show a reduction of occurrences in 2020, with 2837 occurrences reported. This was of course linked to the lower number of voyages as a result of the COVID-19 pandemic. The total number of occurrences recorded in the EMCIP database over the 2014-2020 period stands at 22500, representing an average of 3215 marine casualties and incidents per year; and a total of 966 investigations launched during the same period, for which 3000 actions were taken or safety recommendations issued.

<http://www.emsa.europa.eu/publications/item/4266-annual-overview-of-marine-casualties-and-incidents-2020.html>

INCIDENT REPORTS

NORTH ATLANTIC: MEGA CONTAINER SHIP LOST SEVERAL DOZEN CONTAINERS

January 8 - Sailing almost due south at some 10 knots, ETA changed from 17 to 20 Jan, looking like she's dodging storm ahead or having to keep most safe for deck container stacks course and speed.

Understood MADRID BRIDGE lost at least 30 containers in North Atlantic while en route from Singapore to New York via Suez, see track screen. The ship was adrift from Jan 2 until Jan 7, most probably waiting out scheduled arrival (Jan 17), resumed sailing after containers loss (positions and time correlate with position and time of spotted drifting containers). Details of accident, number of collapsed, lost and damaged containers yet unknown. Maritime Bulletin / [Read more](#)

In the **Maritime Bulletin**, Mikhail Voytenko regularly advises on vessel abandonments, groundings and sinkings – several every week – but, unless there is an immediate and significant release of oil or chemicals, spillages are not reported. However many of Mikhail's reports cover incidents that may have potential to cause pollution. To view all of his reports, visit <https://www.maritimebulletin.net/>

FOR YOUR INFORMATION

ANNOUNCING NEW PRODUCTS & SERVICES

Disseminating news about new technical developments is of value to our community. Corporate Members are invited to contribute articles.

Corporate Members of ISCO can benefit from submitting 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 60 countries, it's a cost-effective way to promote your company.

Because the ISCO Newsletter is initially prepared as a Word document it's essential that text and photographs submitted can be easily copied and pasted into the preliminary draft of the newsletter. Please note that submissions must also comply with ISCO's editorial policy.

1. The Editor has sole discretion over what is accepted for publication
2. The Editor reserves the right to edit press releases
3. Information in press releases must be factual and free from sales hype and exaggerated claims
4. Subject matter of press releases must be relevant to the interests of the spill response community
5. Space availability for printing press releases is limited and they should be kept short
6. If a press release is too long only part of it will be printed but a link can be included for downloading its entirety
7. Links for downloading additional information or viewing video material can be included
8. Depending on space availability press releases may be included in the next newsletter or held over for inclusion in a later issue.

PASSING ON KNOWLEDGE AND EXPERIENCE

By contributing articles and case histories for publication you can help ISCO achieve its objective of advancing response preparedness, professional development and competency. As the years go by, hard won knowledge and experience is lost as people retire or move on. The benefits of past learning and new R&D work both need to be widely shared. Articles that pass on valuable

know-how are particularly useful – overcoming difficult challenges, innovating, relating what you did, why you did it that way, how you did it and what was achieved.

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

- 1. INDUSTRY RECOGNITION** - Be recognised as a member of a worldwide community of professionals who share a common interest.
- 2. LISTING IN THE ISCO DIRECTORY** - Corporate Members enjoy FREE Listing in ISCO's International Directory of Spill Response Contractors, Equipment Suppliers, Training Providers, and Consultancy Services. All your information displayed and one click access to your website. It's a great search facility for potential customers.
- 3. RECEIVE REQUESTS FOR EMERGENCY PROVISION** - 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 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.
- 4. ISCO INITIATIVES - CONTRACTUAL ARRANGEMENTS, ETC** - 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.
- 5. PR, PUBLICITY AND ANNOUNCING NEW PRODUCTS AND SERVICES** - Free publicity – News from ISCO Members - Announce your new products and services developments in the weekly ISCO Newsletter – reaching out to a highly targeted customer audience in over 50 countries. Corporate Members of ISCO can submit news about new products and services in the “News from ISCO Members” section of the ISCO Newsletter. It's a cost-effective way to promote your company. Disseminating news about new technical developments is of value to our community. Corporate Members are invited to contribute articles.
- 6. EXHIBITIONS AND CONFERENCES** - Benefit from negotiated discounts in attending conferences and exhibitions – the savings can significantly offset the cost of maintaining your membership.

Promoting ISCO and your company on your exhibition booth - While collecting ISCO Membership Placards at the end of the IOSC exhibition (for later re-issue at other events) a member exclaimed “Oh no, we would like to keep it and put it on our booth at other shows”. Displaying the ISCO Membership Placard on your booth indicates your support of an organization dedicated to improving worldwide co-operation and preparedness.
- 7. ENHANCE RESPONSE KNOWLEDGE OF YOUR STAFF** - 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.
- 8. CURATED NEWS ON ISCO NEWSLETTER** - The ISCO Newsletter keeps 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.
- 9. OPPORTUNITY FOR LOBBYING FOR LEGISLATIVE CHANGE** - 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.
- 10. USE OF ISCO LOGO IN PROMOTIONAL MATERIAL** - 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/>

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