

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 ON THE EVENTS FEATURED

SPILLCON
20 – 24 May 2019 Perth, Australia

ADRIASPILLCON 2019

4th Adriatic Conference on spill prevention,
preparedness and response
28 – 30 May 2019 Opatija, Croatia



JUNE 18-20, 2019

HYATT REGENCY
VANCOUVER, BRITISH COLUMBIA

CLEAN PACIFIC brings together the tight-knit response community in the Western United States and Canada to address spill prevention and response matters pertinent to that region's environmental sensitivities

[LEARN MORE](#)



The premier annual event for planning,
preparedness and response for oil and
hazardous materials spills

October 28-31, 2019
New Orleans, LA

[LEARN MORE HERE](#)

HOW AN OIL SPILL 50 YEARS AGO INSPIRED THE FIRST EARTH DAY



Above: Ten days after the spill, workers turned to heaping straw along the coastline to try to soak up the millions of gallons of crude oil. (Bettman / Getty Images)

The Santa Barbara oil spill occurred in January and February 1969 in the Santa Barbara Channel, near the city of Santa Barbara in Southern California.

MEMBERSHIP OF ISCO

[Benefits of Membership](#)

[Online Membership Application Form](#)

ADVANCE YOUR CAREER BY GAINING PROFESSIONAL RECOGNITION.

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

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[About Professional Membership](#)

[Application Form \(Professional Membership\)](#)

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)

Fifteen months before the first Earth Day, on January 28, 1969, oil started pooling in a black, tarry slick above the sea, six miles from the postcard-perfect shores of Southern California. The community, despite its concern about permitting drilling in federal waters, hadn't been able to weigh in on the rig known as Platform A. Union Oil persuaded the government to issue a waiver for its fifth well—other areas required protective steel casing to extend at least 300 feet below the ocean floor, but Union Oil got permission to install only 239 feet of casing for the new well.

The shortcut proved costly. The pressure prompted a blowout on the fourteenth day of drilling, jetting mud 90 feet above the platform's floor. The company tried to staunch the oil flow from the well, but soon, oilmen noticed the sea bubbling. The buildup of pressure caused natural gas and oil to find and spew through fissures in the ocean floor. For the first 11 days of the spill, oil escaped at a rate of almost 9,000 gallons an hour. By the time Union Oil managed to stop the leakage, roughly three million gallons had spread over 35 miles. At this time it ranked as the worst oil spill in the country's history.

The Smithsonian Magazine / [Read more](#)

EARTH DAY 2019: THE FUTURE SURVIVAL OF THESE SPECIES ARE IN SIGNIFICANT DANGER

April 23 - Humans co-exist on Earth with millions of other species, but we're also their biggest threat. Our activity on the planet – from deforestation to pollution and pesticide use – has led to the rapid and permanent disappearance of many of these creatures in what has become the greatest rate of extinction since dinosaurs were wiped from the planet 60 million years ago, according to the Earth Day Network.

AccuWeather / [Continue reading](#)

NEWS REPORTS FROM AROUND THE WORLD (COUNTRIES LISTED IN ALPHABETICAL ORDER)

CROATIA: TRAINING COURSE HELD IN DUBROVNIK



April 26 - Training course on the subject of "Accidental Marine Pollution" was held by ATRAC in Dubrovnik from 24 – 25 April 2019.

Considering the increased passenger traffic and a significant number of cruise ships that visit Dubrovnik each season, the beautiful Port of Dubrovnik is one of the areas of greatest risk of oil pollution in Croatian part of the Adriatic.

Therefore, this education is considered to be very useful and ATRAC expects to strengthen cooperation with port authorities of Dubrovnik – Neretva County in the near future.

ATRAC / [Read more](#) [Thanks to Nikolina Stanić]

FRANCE: CEDRE CELEBRATES ITS 40TH ANNIVERSARY

April 24 - The decision to create Cedre was made at the cabinet meeting of 5th July 1978. It was based on the French Government's decision to improve preparedness to respond to accidental water pollution, taking into account the recently acquired experience of the Amoco Cadiz spill on the coast of Brittany after the ship ran aground on 16th March 1978.

The not-for-profit association Cedre, an acronym which stands for "Centre of Documentation, Research and Experimentation on Accidental Water Pollution", was registered at the Prefecture on 25th January 1979. Cedre was placed under the authority of the French Environment Ministry. It is managed by a Board of Governors which meets at least twice a year and which held its very first meeting on 24th April 1979, electing its first President Mr Martray and appointing its first Director Pierre Bellier. Key decisions are

made by the General Assembly at the Annual General Meeting.

The current team is both delighted and proud to celebrate today, on 24th April 2019, these 40 years of research, training, information, advice and response in the field of accidental water pollution. To mark the occasion, we are launching our Instagram profile, where we hope you will enjoy browsing some of our memorable moments in pictures! Log on to:

www.instagram.com/cedre_antipollution/?hl=fr CEDRE / [Read more](#)

GREECE: 37TH GENERAL ASSEMBLY OF HELMEPA MEMBERS

Left to Right: D. C. Mitsatos, Dir. General, Dr G. Gratsos, Chairman, N. Bafaloukos, Treasurer and N. Gerassimou, Legal Advisor of the Board of Directors of HELMEPA

April 19 - The 37th General Assembly of HELMEPA took place on Wednesday 17 April 2019 and was hosted once again by CERES Company.

The Assembly was chaired by Dr G. Gratsos, Chairman of HELMEPA's Board of Directors, with Secretaries Messrs S. Seremelis of Majestic International Cruises Inc. and M. Fragkias of S. Livanos Hellas S.A. The Assembly was honored by the presence of the Founding Member Mr Andreas Potamianos and Honorary Members Dr Matthaios Los and Mr Nicolas Tsavlis.

HELMEPA: [Read more](#)



NIGERIA: NIMASA, NOSDRA SIGN MOU ON OIL SPILL MANAGEMENT

April 24 - The Nigerian Maritime Administration and Safety Agency (NIMASA), Wednesday, signed a memoro of Understanding with the National Oil Spill Detection and Response Agency NOSDRA, on Marine oil spill incident management in Nigeria.

Speaking at the event Wednesday, the director general, NIMASA, Dr Dakuku Peterside said the MoU was necessary because proactive and well calculated response to marine oil spill is very complex and requires a well-coordinated effort by the parties involved. According to him, "it is imperative to mention here that during the last IMO Member States Audit Scheme (IMSAS) that took place in 2016, the IMO auditors identified the lack of clear division of responsibilities for oil spill responses between NIMASA and NOSDRA with regards to the marine environment. Leadership / [Read more](#)

NIGERIA: GOVERNMENT CLARIFIES POSITION ON CLEAN-UP, EMERGENCY PROJECTS IN Ogoniland

April 24 - The federal government says it decided to commence clean-up of Ogoniland rather than follow the UN Environment Programme's (UNEP) recommendations due to recent developments.

Marvin Dekil, the Project Coordinator, Hydrocarbon Pollution Remediation Project (HYPREP) in the Federal Ministry of Environment, made the clarification on Wednesday at a town hall meeting in Saakpenwa, Tai Local Government Area (LGA) of Rivers.

UNEP had in its Report advised the federal government to begin the exercise with the provision of potable water, healthcare and other emergency services before the clean-up.

Mr Dekil, however, said the decision to start with the clean-up, as well as adoption of newer strategies, was taken because implementation of the project started eight years after release of the report. Premium Times / [Read more](#)

USA: LATEST ACTIVITY REPORTS FROM NOAA OR&R

April 22 – Please click on the links below to read the latest news reports from NOAA OR&R

[Continuity of Operations \(COOP\) Exercise at the NOAA Gulf of Mexico Disaster Response Center](#)

[OR&R Participates in the Spring Texas Trustee Summit](#)

[NOAA Communicators in the Northwest Participate in Alaska Shield 2019 Exercise](#)

[OR&R Joins RDML Tim Gallaudet and Others for U.S. National Response Center Tour](#)

[The Use of Equilibrium Passive Sampling for Environmental Investigations](#)

[Marine Debris Turns off the Tap in Sonoma Valley](#)

USA: AIR FORCE HAS SPENT \$125M CLEANING UP KIRTLAND JET FUEL SPILL

April 23 - The Air Force says it has spent \$125 million so far cleaning up thousands of tons of soil and millions of gallons of water contaminated by jet fuel at a base bordering New Mexico's largest city.

Air Force Deputy Assistant Secretary Mark Correll briefed Albuquerque water utility managers on the project at Kirtland Air Force Base during a meeting last week.

The Albuquerque Journal reports Correll also reiterated the Air Force's commitment to the clean-up. He said drinking water wells are tested monthly and no contamination has been found. Air Force Times / [Read more](#)

USA: CSB CALLS ON EPA TO UPDATE HF STUDY IN WAKE OF THE 2017 HUSKY REFINERY FIRE

April 24 - Today, the US Chemical Safety Board released a letter calling on the Environmental Protection Agency (EPA), to review its existing Hydrofluoric Acid (HF) study to determine the effectiveness of existing regulations as well as the viability of utilizing inherently safer alkylation technologies in petroleum refineries.

CSB Interim Executive Kristen Kulinowski said, "In the last 4 years, the CSB has investigated two refinery incidents where an explosion elevated the threat of a release of HF. Refinery workers and surrounding community residents are rightly concerned about the adequacy of the risk management for the use of hazardous chemicals like HF. The EPA should review its 1993 HF study to ensure the health and safety of communities near petroleum refineries utilizing HF."

HF is a highly toxic chemical that can seriously injure or cause death at a concentration of 30 parts per million (PPM), which is used in about fifty of the U.S.'s approximately 150 refineries, as well as many other industries. In a refinery, the chemical is used as a catalyst in the creation of a blending agent for high octane gasoline. In both of its investigations, the CSB conducted a public hearing in which members of the surrounding communities expressed their concerns about the adequacy of the risk management strategies for the use of HF and the effectiveness of community notification procedures in the event of a catastrophic release.

CSB / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

NEWS FROM ISCO MEMBERS

IMBIBER BEADS® BLANKETS USED IN BULK STORAGE TANK TERMINAL FIRE CLEAN-UP

IMBTEC President, John Brinkman reports – "Houston-area residents were urged to remain indoors as fire burned several bulk storage tanks at a petrochemicals terminal holding oils, fuels and solvents.

The fire started Sunday morning March 17th, 2019 at Intercontinental Terminals Company (ITC) in Deer Park, about 15 miles (24 kilometers) southeast of Houston, and continued to burn Sunday night through Wednesday March 20th. Deer Park officials issued a shelter-in-place directive after the fire was reported due to concerns involving the release of known carcinogenic vapours from BTEX-type solvents such as benzene and toluene. ITC's website says the terminal has a storage capacity of 13.1 million barrels. Eleven tanks were damaged by the fire.

Efforts to extinguish the fire with fire-fighting foam continued for several days, which created significant volumes of foam and BTEX contaminated run-off. Clean-up crews used vacuum trucks and skimmers to try and recover the contaminants. The run-off threatened to make its way into several nearby bayous and did enter the Houston Ship Channel. The US Coast Guard closed the Ship Channel for five days, at a cost of US \$125 Million per day in demurrage charges because of explosion and flammability concerns from the aromatic vapours released during the spill.

Imbibitive Technologies' (IMBTEC) President, John Brinkman received an emergency telephone call from ITC the evening of Saturday March 30th, after ITC had been, (according to ITC sources), advised by US EPA to get Imbiber Beads® products on the site.

As it was a weekend when Brinkman took the call IMBTEC scrambled to meet the challenge of successfully delivering several pallet loads of Imbiber Beads® to the spill site within twenty-four hours. Additional pallet loads of blankets were delivered the following Friday due to their performance on the fuels and solvents involved.

As the world's only oil-sensitive, super-absorbent polymer, Imbiber Beads® are engineered to not only capture organic chemicals but also to contain them within their solid polymer structure; thereby eliminating the liquid phase and drastically reducing the "rate" at which hazardous vapours are released, as a consequence.

(The ability of Imbiber Beads® to reduce the rate of hazardous vapour off-gassing has been corroborated by several independent, third-party testimonials – available upon request).

In this instance Imbiber Beads® "blankets" were used as a defensive measure to protect nearby eco-sensitive areas, prevent ingress of chemicals into those areas and to selectively remove BTEX from foam laden water". <http://www.imbiberbeads.com/site/home>

ALPHAMERS LTD. – CAPT. D. C. SEKHAR, FORTHCOMING SPEAKING ENGAGEMENTS

Member of ISCO Council for India, Capt. D.C. Sekhar has been invited to speak at two upcoming events – He will be the Guest Speaker at the session-3 and support CII Karnataka Environment & Sustainability Conference scheduled on 11 June 2019 09:30-17:00 Hrs: at the Hotel ITC Windsor Manor: Bengaluru, and will also be giving a presentation at the 21st World Congress on Environment Management & Climate Change & Presentation of Golden Peacock Awards 04 - 05 July, 2019 at the JW Marriott Hotel, Bengaluru (India).

Capt. Sekhar is an alumni of the Premium GOI Training Ship Rajendra in the year 1980-81. He served as a captain of oil tankers towards the latter part of his merchant navy career spanning over two decades. After quitting his sailing career, Sekhar was an operational risk manager for marine safety & environment in a Singapore oil tanker company. He went on to study finance management at Singapore and completed Executive Management at IIM Bengaluru. He is the founder director of AlphaMERS Ltd and Beta Tank Robotics Pvt Ltd. Capt. Sekhar is a qualified marine oil spill responder and is the India member on the Council of the International Spill Control Organisation, and a knowledge leader in the domain of marine oil and chemical spill disasters.
<https://www.alphamers.com/>

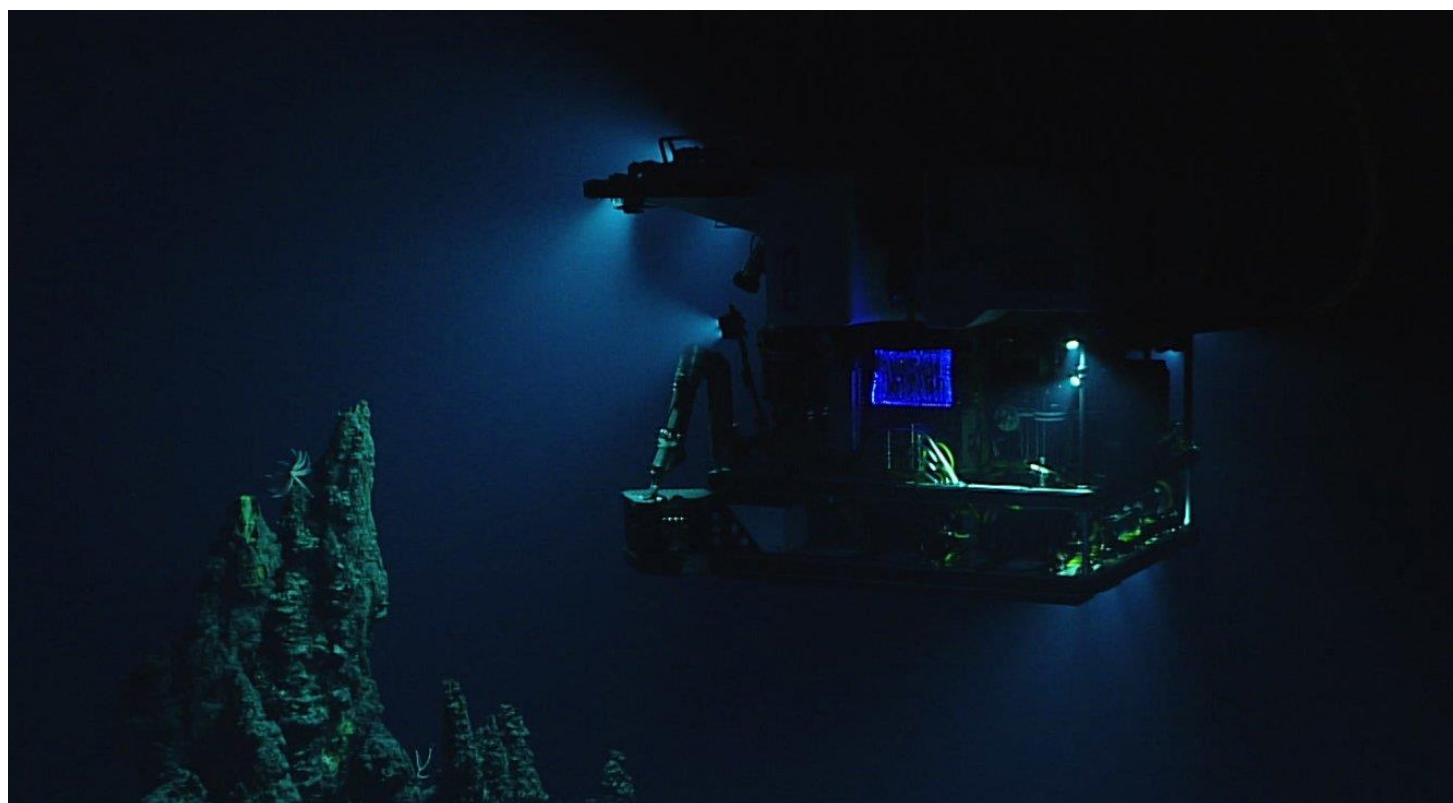
RESOLVE MARINE SUPPORTS FORT LAUDERDALE EARTH DAY CELEBRATION

The Celebration of the Sea Foundation teamed up with over a dozen leading South Florida organizations for an Earth Day Celebration at the Fort Lauderdale Marriott Harbor Beach Resort on Fort Lauderdale beach on Monday, April 22, 2019. A press conference was hosted for the media at the Fort Lauderdale Marriott Harbor Beach Resort from 9am to 10am prior to the public activities. Opening remarks were provided by City of Fort Lauderdale Commissioners Ben Sorensen, Steven Glassman and Heather Moraitis along with executives from Marriott International, Global Center for Climate Resilience, The Greater Fort Lauderdale Chamber of Commerce, Resolve Marine Group, Florida Atlantic University, TravelHost, 1000 Mermaids, Beach Sweep America, Fort Lauderdale Beach Sweep, Shipwreck Park Pompano Beach, Innovative Group, Love Media House and Global TRASHformation.

"Resolve Marine Group is proud to be a sponsor of this event and project. It supports our ethos of being a Green company who strives everyday to protect our seas. Through training, preparedness and response it is Resolve's lifelong commitment," said Joseph Farrell Jr., Resolve Marine Group's founder. The Maritime Executive / [Read more](#) <https://resolvemarine.com/>

SCIENCE & TECHNOLOGY

OIL-EATING MICROBES FOUND IN THE DEEPEST PART OF THE OCEAN COULD HELP CLEAN UP MAN-MADE OIL SPILLS



Above: A remotely operated vehicle Deep Discoverer surveys a 46-foot hydrothermal chimney during a deepwater exploration of the Marianas Trench. NOAA Office of Ocean Exploration and Research/AP

SCIENCE & TECHNOLOGY (CONTINUED)

April 11 - In the heart of the Pacific Ocean, some 125 miles north of Guam under nearly 11,000 meters (roughly 7 miles) of ocean, lies the Challenger Deep. According to a new study published in the journal *Microbiome*, a group of bacteria trawled from the depths of the Challenger Deep can not only survive its extreme conditions, but also chomp on hydrocarbon molecules found in everyday crude oil and natural gas.

Collecting samples from the crushing depths of the Challenger Deep is no easy feat. To date, only a few expeditions have investigated the denizens that make their homes 7 miles below the ocean's surface.

In order to get samples, researchers dropped bottles and corers into the ocean and sampled water and sediment at different depths in the Mariana Trench. After they examined their samples, the team identified a new group of oil-eating bacteria, and determined that the proportion of hydrocarbon-munching bacteria in the Mariana Trench is higher than anywhere else on Earth. (These bacteria are found in nearly every environment on the planet.)

When tested in the lab, these microorganisms from the ocean depths "very efficiently consumed" the types of hydrocarbons that surface bacteria like *Alcanivorax borkumensis* degraded after the 2010 Gulf oil spill. *Business Insider* / [Read more](#)

ASPERGILLUS TUBINGENSIS: A BIO-REMEDIATION OF PLASTIC

April 26 - There are many species of fungi discovered which are "plastic hungry". In 2011, Yale students isolated a species of fungi from the Amazon. This fungus had the ability to grow on polyester polyurethane- manmade plastic.

One of the recent researches in the area of bioremediation is "Aspergillus tubingensis-plastic eating fungus". Scientists discovered this fungus from the soil of a dumping area in Islamabad, Pakistan.

The main reason for gaining the attention of scientists is that it can grow on a film of plastic polymer-polyester polyurethane (PU).

A. tubingensis has the capability of biodegradation such as the formation of the pore, cracking and reduce tensile strength in PU film. This fungus secretes some enzymes which help to breakdown the bonds between plastic polymers. Mycelia of fungus also help to disrupt these polymers. *Technology Times* / [Read more](#)

TRAINING

UK: CQRM – CERTIFICATION IN QUANTITATIVE RISK MANAGEMENT

April 24 – From EI - This new 4-day training course is aimed at any managerial or professional occupation, including engineers, managers, directors, analysts, entrepreneurs, and so forth, who are interested in acquiring updated and practical knowledge in risk management from a quantitative approach to measure, analyse and make decisions.

Participants will study with Dr Elvis Hernandez and other global experts, who will cover advanced topics and practical applications of risk management. Upon completion, a validation of knowledge will be conducted to obtain the CQRM title.

4 - 7 June and 3 - 6 December 2019 at the Energy Institute, 61 New Cavendish Street, London, W1G 7AR

[More info and registration for the June Course](#) [More info and registration for the December Course](#)

AUSTRALIA: UPDATED CALENDAR OF OIL SPILL RESPONSE COURSES

Courses from May 2019 onwards provided by AMOSC <https://amosc.com.au/course-calendar/>

CONTINGENCY PLANNING

CANADA: OLDER OIL TANKS CAN BE MAJOR LIABILITY FOR HOMEOWNERS



April 9 - If you're heating your home with oil, you'd better pay attention to what shape your tank is in. That's because a leaking tank can be a major liability, with potentially massive clean up costs — and insurance companies won't necessarily cover them.

The Insurance Bureau of Canada (IBC) says homeowners can be 100 per cent responsible for clean up costs, which could be in the hundreds of thousands of dollars.

Current standards require homeowners to have a double-walled tank with a inner liner of plastic and a solid concrete pad. The tank has to be bolted down in case of an earthquake. And real estate agents often encourage homeowners to replace their tanks as part of selling a home.

"A lot of people don't realize the biggest [surprise] right now, if you're selling a property, chances are that real estate will want you to replace the tank as part of the deal," says Peter Kennedy, a burner mechanic for Griffiths Heating & Sheet Metal in Whitehorse. *CBC News* / [Read more](#)

IPIECA RELEASES 2018 ANNUAL REVIEW

April 23 - The theme for this year's review 'Collaborating to drive change', reflects the strength of our membership to advance the performance of the oil and gas industry by working collaboratively together and with stakeholders. The review highlights some of IPIECA's achievements throughout 2018 across its activities including, climate and energy, environment, oil spill preparedness, social responsibility, sustainability reporting, and the UN Sustainable Development Goals (SDGs).

Reflecting on another busy year, IPIECA's Chair, Rupert Thomas (Shell) described how IPIECA 'continued to foster collaboration among its global membership and with key stakeholders' and noted how these 'collaborative efforts allow IPIECA members to continue to make notable contributions towards achieving the UN SDGs and advance environmental and social performance across the oil and gas industry.' [Download the 2018 Annual Review](#)

MONITORING AND ASSESSMENT OF ENVIRONMENTAL IMPACTS OF CHEMICAL SPILLS IN THE BALTIC SEA

Häkkinen, Jani; Malk, Vuokko; Lehtonen, Kari K.; Leppänen, Matti ISSN: 1796-1726

The Finnish Environment Institute SYKE and Finland's Ministry of the Environment initiated a project called EKOMON to prepare guidance on how to monitor the environmental impacts of accidental chemical spills at sea. This publication resulting from the project is intended to guide authorities responsible for post-spill environmental monitoring and assessment, and to help them to understand how complex issues they might be dealing with due to the wide range of chemicals currently transported. The main goal of the publication is to create better preparedness for establishing an effective post-spill monitoring programme especially in the Baltic Sea, area and it is primarily targeted at decision-makers responsible for the planning and implementation of environmental monitoring after a sudden chemical spill at sea.

Worldwide, approximately 2,000 chemicals are transported by sea, either in bulk or in packaged form. During this decade particular attention has been focused more and more on the possibility of marine chemical accidents. Although the amount of transported chemicals is much less than that of oil and oil products, the risks related to possible chemical accidents are more difficult to identify. The main issue here is the very high variety and complexity of environmental risk profiles and potentials of the different chemical compounds. Risks posed by marine chemical spills depend on the accident scenario, prevailing environmental conditions, and the intrinsic properties of the spilled chemical.

Chemicals can behave in a number of ways once spilled into the sea. Hazards to the environment can vary considerably depending on the chemical in question, and the impact can be acute or long-lasting. The occurrence of accidental chemical spills at sea requires an effective response that must include well-executed monitoring guidelines to assess environmental contamination and damage on the affected marine ecosystem. An impact assessment is crucial for the decision-making process concerning the selection and implementation of a prominent response plan. The objectives of the monitoring vary depending on the specific circumstances and environmental conditions related to the spill, and therefore they have to be set for each spill separately. The size of the spill, properties of the chemical, and the type of discharge (single or continuous spill) as well as the characteristics of the receiving environment are the main factors defining the monitoring requirements. Choosing of similar reference areas and/or comparisons with pre-existing baseline data are key components for post-spill monitoring. Finally, environmental monitoring can be used to demonstrate ecological damage and economic losses in the context of spill-related claims and compensations.

The EKOMON report can be seen as the first step for the better preparedness for post-spill monitoring especially in Baltic Sea area. In the future these guidelines should be further developed to be more operational with the practical goal being a monitoring system, which in the event of an accident allows a rapid organization of the team responsible for monitoring and identification of its ecological consequences. [View/Open the Report](#)

FLOOD NEWS

This publication will be of interest to spill response contractors who are interested in post-flood clean-up operations, provision of emergency pumping services and supply or installation of flood protection barriers.

Flood News is a free monthly eNewsletter which has been in publication since 2009. Each month it collates together flooding reports and stories from the UK and around the world into a single compact HTML eNewsletter (below 500kb).

Unfortunately a URL is not available for downloading and because of this the publication cannot be listed in "Links for other publications". However you can subscribe to this FREE monthly eNewsletter or request a sample copy by email to business.synergies@me.com

CONTRACTS & TENDERS

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

JOB VACANCIES

AUSTRALIA: JOB OPPORTUNITIES WITH SAFEWORK NSW

April 14 - We have just commenced an urgent nationwide recruitment campaign to attract suitable candidates who may be interested to consider jobs in Safework related roles. Immediate roles have requirements for specialisation such as Engineering, Dangerous Goods & Explosives, Ergonomics, Lead Auditing of Safety Management Systems etc. Please excuse my approach, but we find that engaging with specialists with your experience and skills can help a great deal and can also help people find new career opportunities at the same time.

With reference to the roles below (please see advertising links), I wonder if you may know anyone who may be interested in new job opportunities with Safework NSW at all please?

- PI x 2 (DG & E)- <https://www.linkedin.com/jobs/view/1198026034/>
- Lead Auditor Safety Management Systems- <https://www.linkedin.com/jobs/view/1200772922/>
- ASI Ergonomics- <https://www.linkedin.com/jobs/view/1198054074/>
- ASI- Engineering (Baulkham Hills)- <https://www.linkedin.com/jobs/view/1200773420/>
- SI- Engineering- <https://www.linkedin.com/jobs/view/1200558272/>

Feel free to share with your specialist network and please note there are also some more generic roles coming up soon in the areas of Principal Inspector, Assistant State Inspector, and State Inspector. Information packs are available, and I would be happy to answer any initial questions regarding job opportunities with Safework NSW.

[Thanks to Toby Berryman, Senior Recruitment Advisor, Senior Executive Recruitment Advisor. Tel: 0418 827 458

Toby.Berryman@finance.nsw.gov.au

MESSAGES RECEIVED FROM EVENT ORGANISERS

USA: Clean Gulf - Last month, the [CLEAN GULF planning committee](http://2018.cleangulf.org/) met in New Orleans, LA, to determine the focus and plan the conference sessions for the 2019 event. Consisting of 70+ leaders made up of operators, state and federal regulators, consultants, service companies and OSROs, the committee was fully engaged in planning an event that will bring together industry and government to discuss planning, preparedness and response issues for oil and hazardous materials spills. The committee programmed over 30 conference sessions that were identified as the most pressing topics. <http://2018.cleangulf.org/>

USA: Clean Pacific - This past week representatives from Alaska Chadux Corporation, Chevron, Consulate General of Canada, Environment and Climate Change Canada, NJ Resources, Inc., Oil Spill Task Force (OSTF), Phillips 66, Shell Exploration & Production Company, and many more registered to attend the CLEAN PACIFIC Conference & Exhibition, taking place June 18-20 in Vancouver, British Columbia. Don't miss your chance to join them and hundreds more at the event designed to address the most pressing matters in spill prevention and response in the Western United States and Canada. <http://2019.cleanpacific.org/>

AUSTRALIA – Spillcon 2019 - last two exhibition booths. Due to a cancellation, we have two booths now available. These are in a prime location and are adjacent. If you would like to book one or both of these last booths please contact [Katie Lourandas](mailto:Katie.Lourandas@spillcon.com.au) as soon as possible. <https://www.spillcon.com/>

RESPONSE EVENTS DURING MAY 2019 (UPDATED)

LIBERIA: NATIONAL TRAINING WORKSHOP ON INCIDENT MANAGEMENT SYSTEM

Monrovia, 29 April – 2 May. The workshop will provide Liberia with the opportunity to have an effective Incident Management System that will strengthen its national oil spill preparedness and response system. [More info](#)

FRANCE: SEMINAR ON CHEMICAL SPILLS IN CONTINENTAL WATERS

Châtenay-Malabry, 10th May. Organised by the French alliance of pharmacists belonging to the fire and rescue service [More info](#)

USA: ELASTEC'S SPRING 2019 RIVER SPILL WORKSHOP

Carmi IL, May 14-16. Our intensive, hands-on SPRING OIL SPILL WORKSHOP is designed for spill responders who desire in-depth river booming and oil skimmer training. The three day workshop begins with a full day of classroom orientation at Elastec in Carmi, Illinois followed by two rigorous booming and skimmer deployment days on the Wabash River in New Harmony, Indiana. This workshop also qualifies as an 8-hour Hazwoper refresher course. [More info](#)

RESPONSE EVENTS DURING MAY 2019 (CONTINUED)

UK: IMO MARINE ENVIRONMENT PROTECTION COMMITTEE

London, May 13-17. [More info](#)

USA: OHMSETT HANDS-ON OSR STRATEGIES AND TACTICS TRAINING

Leonardo NJ, May 14-17. This course is designed to assist oil spill personnel in the development of the decision-making skills necessary to make quick and informed decisions during oil spill incidents; and provide hands-on spill response equipment handling and oil recovery training using full-scale equipment with real oil in the Ohmsett test tank. [More info](#)

UK: NCEC HAZMAT 2019 CONFERENCE

Stratford on Avon, May 15-16. Hazmat is an essential opportunity for Hazmat specialists to share experiences and knowledge with like-minded professionals working in the hazmat and chemical incident industry. The event draws upon the knowledge and experience of a range of hazmat professionals and industry leaders, as well as that of NCEC's own emergency responders and experts. [More info](#)

SINGAPORE: INTERTANKO ANNUAL TANKER EVENT

Singapore, May 20-24. Running since 1996, the INTERTANKO Annual Tanker Event is into its 23rd edition and is recognised as THE event for tanker-related matters. This year, the event will be held at the W Sentosa in Singapore, an ideal location to facilitate discussions during the day and relaxation in the evenings. [More info](#)

AUSTRALIA: SPILLCON 2019 CONFERENCE AND EXHIBITION

Perth, May 20-24. Spillcon 2019 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 cause and prevention, preparedness, response management and environmental issues. [More info](#)

UK: ARCTIC OIL & GAS CONFERENCE

London, May 21-22. Assessing the challenges and solutions for oil and gas exploration, production and transportation in Arctic and ice-infested regions. Bringing together key stakeholders from the oil and gas industry [More info](#)

CROATIA: ADRIASPILLCON 2019 CONFERENCE AND EXHIBITION

Opatija, May 28-30. Participants, speakers and exhibitors will include those from the Adriatic coastal States, the Mediterranean region, the European countries and other parts of the world too, the organizers, ATRAC (Adriatic Training and Research Centre for Accidental Marine Pollution Preparedness and Response), embarked upon the organization of the 4th successive Adriatic Spill Conference and Exhibition ADRIASPILLCON 2019 which will be held once again in Opatija, a resort on the northern Adriatic coast of Croatia. [Read more](#)

CANADA: SHIP-SOURCE OIL POLLUTION FUND CONFERENCE & 30TH ANNIVERSARY CELEBRATION

Ottawa, May 28. The Fund's in-house counsel will examine the application of the "polluter pays" principle in the context of important case law. A panel will discuss recent legislative changes, their impact on the Fund and other concerns shared by the Fund, TC and the CCG. A panel discussion will focus on advancing equality, diversity and inclusion and facilitating access to justice for victims of oil spills, including Indigenous and small communities. [More info](#)

UPCOMING EVENTS – JUNE 2019 ONWARDS (UPDATED)

COUNTRY	2019	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
CANADA	June 4-6	42nd AMOP Technical Seminar on Environmental Contamination & Response	Halifax, Nova Scotia
UK	June 11-12	Ports and Terminals Insurance Seminar	London
MALTA	June 11-13	REMPEC Focal Points Meeting	Valetta
BELGIUM	June 12-13	European Environmental Ports Conference 2019	Antwerp
CANADA	June 17	APICOM General Managers Meeting	Vancouver BC
UK	June 17-21	IOPC Funds' Short Course	London
CANADA	June 18-20	Clean Pacific Conference and Exhibition	Vancouver BC

UPCOMING EVENTS – JUNE 2019 ONWARDS (CONTINUED)

UK	June 25-26	UK Spill Annual Conference	Moreton-in-Marsh
NEW ZEALAND	Sept. 3-5	Ecoforum Conference 2019	Auckland
UK	Sept. 11-12	Maritime Salvage & Casualty Response Conference	London
UK	Sept. 11-12	The Spill Response Expo	Birmingham
CROATIA	October 2-5	Pollution Response Challenges in the Mediterranean Conference	Split
USA	October 7-10	Elastec's Fall 2019 River Spill Workshop	Carmi, IL
NORWAY	October 14-18	NOSCA Seminar 2019	
USA	October 28-31	Clean Gulf Conference and Exhibition	New Orleans LA
TUNISIA	Nov. 13-14	Incident Management System Training Workshop	Tunis
COUNTRY	2020	TITLE OF EVENT	LOCATION
USA	May 11-14	International Oil Spill Conference & Exhibition	New Orleans LA
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

Note: Where event titles are not shown in blue ink it just means that the relevant websites are not yet available

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

Alga Chronicle	News from Australia on Contaminated Land Remediation	March 2019
AMSA Aboard	News from the Australian Maritime Safety Authority	December 2017
ATRAC Newsletter	News from the Adriatic Training and Research Centre	Apr. 2019 issue
AUSMEPA Bulletin	News from the Australian Marine Environment Protection Assoc'n	Summer 2019
BIMCO Bulletin	Marine and shipping-related news from BIMCO	Feb. 2019 issue
Newsletter from George Holliday	News and commentary on HSE issues from George Holliday	On request email
Bow Wave	Sam Ignarski's Ezine on Marine & Transport Matters	Current issue
Cedre Newsletter	News from Cedre in Brittany, France	March 2019
Clean Nigeria Associates Newsletter	News from CNA about Oil Spill Response in Nigeria	December 2018
EMSA Newsletter	News from the European Maritime Safety Agency	April 2019
GISEA Quarterly Newsletter	News from Global Initiative for South-East Asia	December 2018
IMO News Magazine	News from the International Maritime Organization	Spring 2019
IMO Publishing News	New and forthcoming IMO publications	March 2019
JOIFF "The Catalyst"	Int'l Organisation for Industrial Hazard Management	January 2019 issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	March-April, 2018
MOIG Newsletter	News from the Mediterranean Oil Industry Group	April 2019 issue
Nautical Institute News	News from the Nautical Institute	March, 2019
Navigate Response	Global crisis communications network for shipping & marine	March 2019
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	February 2019
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Fall 2018
PEMSEA Newsletter	Healthy oceans, people and economies in the East Asian Seas	January, 2019
Pollution Online Newsletter	News for pollution prevention & control professionals	April 3, 2019
Safe Seas, Clean Seas	Quarterly Newsletter from Maritime New Zealand	July 2018 issue
Salvage World	Quarterly Newsletter of the International Salvage Union	Current issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Current issue
Spill Alert	Newsletter from the UK Spill Association	December 2017
Technology Innovation News Survey	News from US EPA – Contaminated Site Decontamination	Mar. 1-15, 2019
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	April 1, 2019

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

INCIDENT REPORTS (IN CHRONOLOGICAL ORDER)

BRAZIL: PETROBRAS REPORTS OIL SPILL FROM ALBACORA FIELD OFFSHORE PIPELINE

April 22 - Brazil's Petrobras oil company reported an oil spill from its offshore oil pipeline in the Albacora field Monday, according to Reuters report. According to the company's statement, the leak has been identified around dawn Monday. Oil production at platform P-25, located some in the Campos Basin some 110 km away from the coast, has been halted shortly after the discovery of the leak, the company's statement says. "The company has promptly sent ships to the location, tasked with removal of the oil spill," Petrobras said in the statement, adding that the regulatory bodies have been notified of the incident. The spill is estimated at 941 liters. Sputnik News / [Read more](#)

FRANCE: POLLUTION ABATEMENT CONCLUDES FOR THE WRECK OF THE GRANDE AMERICA

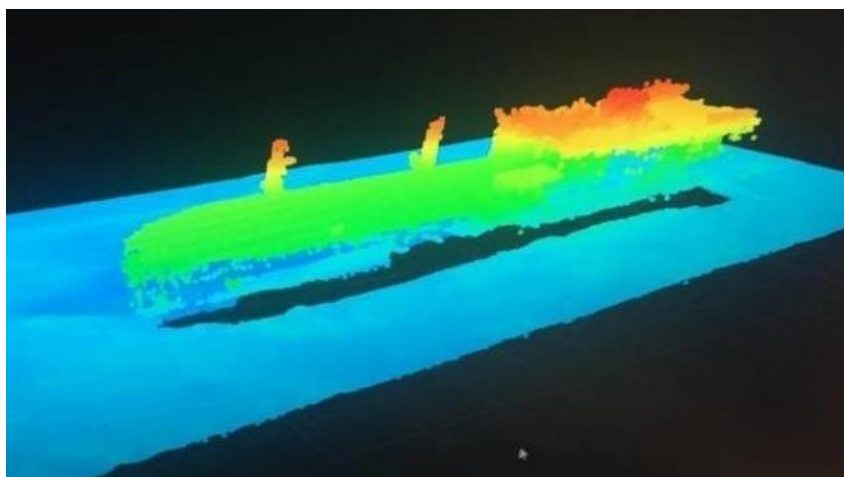


Image: The wreck of the Grande America, as imaged by Ocean Infinity (PREMAR Atlantique)

April 23 - Deep ocean search company Ocean Infinity announced Tuesday that it has finished its work on the wreck of the container ship Grande America, which caught fire and sank in the Bay of Biscay on March 12.

Using its fleet of AUVs to locate the wreck and its ROVs for close-up imaging, Ocean Infinity has been conducting a program of inspection and operations under contract to Ardent, the appointed salvor for the America. The Ocean Infinity team deployed aboard the vessel Island Pride, which had been in port at Gibraltar and close to the scene. The team's imagery and data revealed that the Grande America

had come to rest in an upright position on a sandy bottom, according to Commander Riaz Akhoun, a spokesman for French marine safety authority PREMAR Atlantique.

At the end of March, French authorities said that only a "slight iridescence" of pollution remained on the surface above the wreck site. Ocean Infinity's main task at the wreck site was to identify the source of these residual leaks and plug them, according to Akhoun. The Maritime Executive / [Read more and view more images](#)

INDONESIA: LANDING CRAFT CAPSIZED, SANK IN KALIMANTAN WATERS

April 23 - Landing craft SALUANG capsized and sank alongside pier in Belitang, Kapuas river, Sekadau Regency, West Kalimantan, at around midnight LT Apr 22. Ferry capsized after loaded vehicles shifted. There were 14 passengers, 8 crew and 6 trucks on board, people managed to disembark without casualties or injuries, 6 trucks sank together with ferry. Maritime Bulletin / [Read more](#) [Thanks to Voytenko Mikhail, vmd@odin.tc]

COLOMBIA: TRASANDINO PIPELINE BOMBED FOR SEVENTH TIME IN 2019

April 27 - Colombia's Trasandino oil pipeline was bombed late on Friday in western Narino province, spilling crude into a nearby stream, state-run oil company Ecopetrol SA said, the seventh time it has been attacked this year. The attack took place in Casas Frias in the municipality of Pupiales, causing oil to leak into La Pinuela water source. Ecopetrol has dispatched personnel to the area and is in the process of cleaning the spill, it said. Deviscourse / [Read more](#)

INFORMATION FOR ISCO MEMBERS

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