



Under the Patronage of
H.E. Dr. Mohamed bin Mubarak Bin Daina
Minister of Oil and Environment
Special Envoy for Climate Affairs, Kingdom of Bahrain

EXCLUSIVE HOST

Ministry of Oil and
Environment



وزارة النفط والبيئة



RECSO
EnviroSpill
Conference & Exhibition

THEME

SUSTAINABLE
CLEAN SEAS
READINESS | RESPONSE | RESILIENCE

PRINCIPAL PARTNER

aramco



HOST PARTNERS



سيل
SAIL

شركة الأعمال البحرية للخدمات البيئية
Marine Operations For Environmental Services



الشركة القابضة للنفط والغاز
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بابكو
Bapco

11 - 13 OCTOBER 2022 | THE GULF CONVENTION CENTRE, KINGDOM OF BAHRAIN



CONFERENCE PROGRAMME

ORGANISED BY



MANAGED BY



TECHNICAL PARTNER



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CONFERENCE PROGRAMME SPONSORED BY



الشركة القابضة للنفط والغاز

nogaholding

INVITATION



Eng. Mahmood Mirza

General Manager - Engineering, BAPCO &
Conference Chair, RECSO EnviroSpill 2022

Dear Industry Colleagues,

On behalf of the RECSO EnviroSpill 2022, it gives me immense pleasure to welcome you to the second edition of RECSO EnviroSpill Conference & Exhibition, which will be held in the Kingdom of Bahrain from 11 – 13 October 2022 under the esteemed patronage of His Excellency Dr. Mohamed bin Mubarak Bin Daina, Minister of Oil & Environment and Special Envoy for Climate Affairs, Kingdom of Bahrain.

RECSO EnviroSpill 2022 will be exclusively hosted by Bahrain Ministry of Oil and Environment and partnered by BAPCO, Saudi Aramco and SAIL. It will be a premier event that offers a platform for all experts, leaders and stakeholders from the spill response and marine protection communities across the globe to discuss and share best practices on technologies, solutions & response methods in maintaining sustainable clean seas.

The event will offer a variety of technical papers and will witness an elite amalgam of pioneers exhibiting companies to highlight their brand's presence among the leaders by showcasing their products, knowledge, contribution and efficiency to the initiatives for spill response. The event will also include a series of workshops, which will provide a unique opportunity for more detailed and interactive discussions between presenters and delegates on key topics and best practices.

The Inaugural Edition of RECSO EnviroSpill witnessed the presence of more than 524 attendees with 60 speakers and 30 exhibiting companies representing more than 20 countries. RECSO EnviroSpill 2019 also conducted several pre-conference workshops focused on oil spill preparedness & response.

We take this opportunity to invite all industry stakeholders, leaders, experts and partners to RECSO EnviroSpill 2022. The conference and the exhibition will prove to be a unique platform to share best practices, explore latest technology, network and learn from each other.

INVITATION



Ijaz Ashraf

Advisor - Environmental Affairs, BAPCO &
Chairman, RECSO

Dear Colleagues,

On behalf of the Regional Clean Sea Organization, it gives me immense pleasure to welcome you to RECSO EnviroSpill 2022 Conference & Exhibition exclusively hosted by the Ministry of Oil and Environment. The Conference & Exhibition is scheduled to be held on 11 - 13 October 2022 at The Gulf Convention Centre in the Kingdom of Bahrain.

RECSO is one of the oldest oil industry co-operative organization in the World functioning on the concept of "mutual aid". It is a Non-Profit Environmental Organization, which was set up in 1972 by 13 founder members with the objective of a "Cleaner and Safer Environment". The oil companies in the region at that time recognized a need for collective response to major oil pollution incidents and thus came together to achieve a common objective – protecting the Gulf's resources from oil pollution.

RECSO EnviroSpill 2022 will primarily focus on the Theme – Readiness | Response | Resilience, with special emphasizes on the Prevention, Preparedness and Resilience when faced with oil spill incidents highlighting the best response by using proper tools, training, technologies, which will lead the way in safeguarding the marine life and protecting the environment.

RECSO EnviroSpill is the leading platform in the GCC Region for NOCs, IOCs, government representatives, project owners, international service companies, contractors, consultants, and investors to congregate in the Kingdom of Bahrain to explore the business and maximize opportunities to enhance the knowledge relating to Oil Spill Prevention, Preparedness and Resilience.

Moreover, this year's RECSO EnviroSpill is set to witness over 1500 attendees, 600 delegates, 75 speakers & 50 exhibiting companies from over 20 countries across the globe.

I hereby would like to take this opportunity to invite you all to participate in the 2nd edition of RECSO EnviroSpill Conference & Exhibition to be held in Bahrain from 11 - 13 October 2022.

STEERING COMMITTEE

Chairs



Eng. Mahmood Mirza
GM – Engineering
BAPCO



Abdullah Al Tewairqi
Manager – Marine
Saudi Aramco

Members



Khalid Al Beshr
VP - HSE Policy and
Governance Division
ADNOC



Ahmed Khalil
Director - HSE
BAPCO



Ijaz Ashraf
Advisor
Environmental Affairs
BAPCO



Fabrice Perrono
Head of HSE
Dubai Petroleum



Giuseppe Serafini
Exploration Manager
ENI



Mohsen Fahad Al Zobi
Manager - Terminal Marine
Department
KJO



Sami Al Sawagh
Manager - Marine
Operations Group
KOC



Hamed Al Haddabi
Team Leader
Marine Delivery
PDO



Jalal Al Shammari
Terminal & Oil
Export Manager
WJO



Muhammad Saber
Global Oil Spill
Response Director
Saudi Aramco



Iyngararasan Mylvakanam
Programme
Management Officer
UNEP

TECHNICAL COMMITTEE

Chairs



Ahmed Khalil
Director - HSE
BAPCO



Majed Kaki
Regional Oil Spill
Response Coordinator
(Red Sea)
Saudi Aramco

Members



Adnan A. Madhi
Environment &
Occupational Health
Manager
ADNOC



A Redha Haqiqi
Manager
Plant Maintenance
Department
BAPCO



Steven Thomson
Operational Safety &
Environment Manager
Dubai Petroleum



**Abdullatif M.
Al Shammary**
Superintendent
Terminal & Marine
Department
KJO



**Capt. Mohammad
Al Ajmi**
Team Leader Marine
Oil Spill Management
KOC



Rhys Jenkins
Middle East Regional
Manager
OSRL



Capt. Moosa Al Abri
Marine Superintendent
Assurance
PDO



Capt. Naif Al Dhafri
Marine Superintendent
WJO

ORGANISING COMMITTEE

Chairs



Reem Ebrahim
Events Consultant
nogaholding



Mohammed Al Ghamdi
Regional Oil Spill Response
Coordinator (Arabian Gulf)
Saudi Aramco

Members



A Hadi Al Attar
Oil Spill Response
Coordinator - HSE
Department
BAPCO



Riyadh A. Al Hassan
Manager - Public &
Government Relations
KJO



**Capt. Ahmad Al
Awadhi**
Section Head
Marine Oil Spill
KOC



Salem Salah Al Mannaei
Relations & International
Cooperation Directorate
Ministry of Oil and
Environment
Kingdom of Bahrain



Capt. Moosa Al Abri
Marine Superintendent
Assurance
PDO



**Dhafer Saleh
Al Dosari**
Manager - Public &
Government Relations
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PARTNERS

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ASSOCIATE PARTNER



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EXHIBITORS



PRE-CONFERENCE WORKSHOPS

0800 – 0830	Workshop Registration		
0830 – 1030	Workshop 1 Oil Spill Preparedness & Reponse	Workshop 2 Crisis Management	Workshop 3 Communications and Media Management
1030 – 1100	Networking Break		
1100 – 1300	Workshop 1 Oil Spill Preparedness & Reponse	Workshop 2 Crisis Management	Workshop 3 Communications and Media Management
1300 – 1400	Networking Lunch		

OPENING CEREMONY

1500 – 1700	Registration
1700 – 1730	Exhibitors Recognition in Exhibition Hall by Conference Chairs & Committees
1730 – 1830	VIP Reception & Welcome Tea/Coffee
1830 – 1900	Exhibition Inauguration & Tour by Conference Patron & VIPs
1900 – 1910	National Anthem
	Safety Moment
	Holy Quran
	MC Opening & Inaugural Film
1910 – 1915	Welcome Address
1915 – 1920	Inaugural Address
1920 – 1925	Special Address
1925 – 1940	Keynote Address
1940 – 1955	Recognition Ceremony
1955 – 2000	Closing Remarks
2000 – 2130	Gala Networking Dinner

12TH OCTOBER 2022 | WEDNESDAY

CONFERENCE DAY 1

0800 - 0900	Registration & Welcome Tea/Coffee		
0900 - 1000	Keynote Address		
1000 - 1100	Leadership Panel Discussion		
1100 - 1115	Recognition of Partners		
1115 - 1145	Exhibition Visit & Tea/Coffee Break		
1145 - 1300	Parallel Technical Sessions		
<div><div>Technical Session 1 Oil Spill Preparedness & Response</div><div>Technical Session 2 Oil Spill Impact : Environment Economy Community</div><div>Technical Session 3 Global Collaboration</div></div>			
1300 - 1400	Networking Lunch		
1400 - 1500	Leadership Panel Discussion		
1500 - 1700	Speaker Networking Cocktail		

13TH OCTOBER 2022 | THURSDAY

CONFERENCE DAY 2

0800 - 0900	Registration & Welcome Tea/Coffee		
0900 - 0930	Keynote Address		
0930 - 1030	Leadership Panel Discussion		
1030 - 1045	Recognition of Committees		
1045 - 1100	Exhibition Visit & Tea/Coffee Break		
1100 - 1215	Parallel Technical Sessions		
<div>Technical Session 4 Waste Recovery & Management</div>		<div>Technical Session 5 Utilization of Technologies in Oil Spill Management - A</div>	<div>Technical Session 6 Salvage Operation & Compensation</div>
1215 - 1230	Exhibition Visit & Tea/Coffee Break		
1230 - 1345	Parallel Technical Sessions		
<div>Technical Session 7 Oil Spill Case Studies</div>	<div>Technical Session 8 Competency & Capability Enhancement</div>	<div>Technical Session 9 Incident Management System for Oil Spill</div>	<div>Technical Session 10 Utilization of Technologies in Oil Spill Management - B</div>
1345 - 1400	Closing Remarks and Outcome of the Conference		
1400	Networking Lunch		

PRE-CONFERENCE WORKSHOPS SPONSORED BY



الشركة الكويتية لنفط الخليج
KUWAIT GULF OIL COMPANY



أرامكو لأممال الفليج
Aramco Gulf Operations



AL KHAJFI JOINT OPERATIONS عمليات الخفجي المشتركة

WORKSHOP 1 | THEME: OIL SPILL PREPAREDNESS & RESPONSE

0800 – 0830

Workshop Registration

0830 – 1300

Topic: Tiered Preparedness & Response and Spill Impact Mitigation Assessment



Faculty 1

Andy Nicoll

Principal Preparedness & Response Authority
OSRL



Faculty 2

Dr. Rob Holland

Technical Lead
OSRL

Workshop Objectives

1. Impart latest industry good-practice in Oil Spill Preparedness and Response
2. Explain principals of Net Environmental Benefit Analysis
3. Introduce and apply Spill Impact Mitigation Assessment (SIMA) methodology
4. Apply SIMA principles to provision of response capability
5. Build a model to visualise the response capability for a given risk situation.

Who Should Attend

1. Oil Spill Contingency Plan holders, risk bearers and other stakeholders
2. Gov't representatives (Marine, Environmental, Offshore development etc.)
3. Port authority representatives
4. Oil company operational personnel
5. Environmental consultants

Focus Topics

1. Overview Principals of Oil Spill Preparedness and Response
2. Net Environmental Benefit Analysis and (SIMA) methodology
3. Application of Spill Impact Mitigation Assessment in capability provision
4. A tool to visualise a holistic approach to response capability.

Outcome & Benefits

1. Awareness of industry good-practice in Oil Spill Preparedness and Response
2. Tools to apply SIMA and visualise response capability provision
3. Links to resources for further reading / study

WORKSHOP 2 | THEME: CRISIS MANAGEMENT

0800 – 0830

Workshop Registration

0830 – 1300

Topic: Crisis Management



Faculty 1

Dean Wasche
Global L&D Manager
OSRL



Faculty 2

Dave Rouse
Integrated Solutions
Manager
OSRL



Faculty 3

Andrew Couch
Learning &
Development Officer
OSRL

Workshop Objectives

To explore the essential ingredients for responding to an incident or crisis and experience the critical role that mindset plays in determining your performing under pressure.

Who Should Attend

1. Anyone who works within or who has an interest in crisis and incident management
2. Anyone who wants practical tools and takeaways to perform more effectively in a crisis

Focus Topics

1. The essential ingredients for responding to an incident or crisis.
2. The role that mindset plays within high performing crisis management teams.

Outcome & Benefits

1. To gain insight into what high performance looks like within Crisis Management.
2. To learn about tools that help crisis management teams to perform in pressurised situations.
3. To take away practical tools for improving performance in a crisis

WORKSHOP 3 | THEME: COMMUNICATIONS AND MEDIA MANAGEMENT

0800 – 0830

Workshop Registration

0830 – 1300

Topic: Communications And Media Management



Faculty

Rob Cox

Director
Environment & Health Consulting Limited

Workshop Objectives

1. Present best practices in oil spill media management
2. Introduce the "Confident Ambassador" program

Who Should Attend

1. All Oil & Gas Company employees responsible for Oil Spill Response and Oil Spill Response Communication
2. Industry Media specialists
3. Industry Communications specialists

Focus Topics

1. Best Practices in Oil Spill response communication
2. Things to do before a spill occurs
3. New tools to help you communicate effectively in the event of a spill
4. How each of us can act as confident ambassadors for the industry
5. The Confident ambassador program

Outcome & Benefits

1. Confident communicators that avoid errors in communications during a spill
2. Day to day ambassadors for spill response to the public

OPENING CEREMONY SPONSORED BY



شركة الأعمال البحرية للخدمات البيئية
Marine Operations For Environmental Services

11TH OCTOBER 2022 | TUESDAY

OPENING CEREMONY

1500 – 1700	Registration
1700 – 1730	Exhibitors Recognition in Exhibition Hall by Conference Chairs & Committees
1730 – 1830	VIP Reception & Welcome Tea/Coffee
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	MC Opening & Inaugural Film
1910 – 1915	Welcome Address



Eng. Mahmood Mirza

General Manager - Engineering, BAPCO &
Conference Chair, RECSO EnviroSpill 2022

1915 – 1920	Inaugural Address
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H.E. Dr. Mohamed bin Mubarak Bin Daina

Minister of Oil and Environment,
Special Envoy for Climate Affairs
Kingdom of Bahrain

1920 – 1925	Special Address
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Fahad M. Al Abdul Kareem

Vice President - Industrial Services
Saudi Aramco

Theme: Role & Impact of Leadership in Oil Spill Management

During an oil spill leaders need to take an overview of the situation and delegate; communicate vision and priorities; promote team spirit and information sharing; and consider long-term resource requirements. The ability to make decisions efficiently and effectively is essential for good leadership during an oil spill and sometimes this may need to be done without all of the information to hand. So, how do our leaders achieve this? What are the tools and techniques used by leaders during an oil spill response?



Eng. Ziyad Mohammad Al Shiha

Group CEO
SIRC



H.E. Dr. Jassem Al Beshara

Executive Secretary
ROPME



Robert Limb

CEO
OSRL

SPEAKERS

1940 – 1955

Recognition Ceremony

1955 – 2000

Closing Remarks



Ijaz Ashraf

Advisor - Environmental Affairs, BAPCO &
Chairman, RECISO

2000 – 2130

Gala Networking Dinner

12TH OCTOBER 2022 | WEDNESDAY

CONFERENCE DAY 1

0800 - 0900

Registration & Welcome Tea/Coffee

0900 - 1000

Keynote Address

Al Dana Hall

Theme: Sustainable Clean Seas: Readiness | Response | Resilience

The key note address shall be delivered at the start of the first day of the conference and shall focus on the 3 pillars of the theme of the conference – Readiness, Response and Resilience which are all required to achieve sustainable clean seas.

“Readiness” should cover organizations’ state of readiness, in terms of equipment, people and processes. Equipment needs to be suitable, accessible and ready to deploy for the envisaged situations. People need to be trained and competent in use of equipment and in responding to environmental incidents, and processes need to be documented, understood and well-practiced. Although prevention is the optimal drive to stop spills to sea in the first place, we must all be “ready” in case of the unplanned or unthinkable happens, as history has shown us, they can still happen with disastrous consequences.

“Response” should cover organizations’ ability to respond quickly and effectively to sea spill incidents for all foreseeable scenarios and sizes, including working/collaborating with other peer companies, authorities, contractors and oil spill response / environmental organizations, to minimize the impact of spills on the environment, on people, and on dependent businesses (fishing, tourism etc.).

“Resilience” should cover organizations’ ability to successfully “weather the storm” of managing a major spill to sea, in terms of successfully responding to the incident and the aftermath (protecting people, the environment and the assets); managing reputation amongst authorities, stakeholders, shareholders and the media; learning from experience and from others; and ultimately maintaining business continuity and surviving as a business. Being prepared for all foreseeable eventualities (in or out of your control) and working with other organizations will vastly enhance resilience.

The audience should be left with a clear impression of the conference theme, energized to participate in it, and be left confident they will leave with some good learnings/knowledge, to implement back in their organizations to contribute to the sustainable clean sea’s initiative.



Muhammad Saber
Global Oil Spill Response Director
Saudi Aramco



Vivek Seth
Senior VP - Marine Services
ADNOC Logistics & Services



Rob James
Commercial Director
OSRL

SPEAKERS

Theme: Oil Spill & Business Resilience

How can organizations build resilience to oil spills? In this session the panel will discuss how organizations should accurately communicate risk reduction strategies. How IMTs can be effectively resourced whilst maintaining redundancy of key functions and key personnel, and what strategies can be used to manage the legal, financial and reputational impacts of an oil spill.

**Moderator****Jon Lay**

Board Advisor
OSRL

**Robert Limb**

CEO
OSRL

**Brian Sullivan**

Executive Director
Ipieca

**Eva Morales**

Head of Sustainability & Partnerships
Orbital EOS

**Fabrice Perrono**

Head of HSE
Dubai Petroleum

PANELISTS

1100 - 1115	Recognition of Partners	Al Dana Hall
1115 - 1145	Exhibition Visit & Tea/Coffee Break	Exhibition Area
1145 - 1300	Parallel Technical Sessions	

Technical Session 1

Theme: Oil Spill Preparedness & Response

The principle of tiered preparedness and response is recognized by industry as the basis on which to establish a robust oil spill preparedness and response capability. It selects the resources required to be mobilized and transported to the spill location. In this session, speakers discuss the concepts of Contingency Planning; the use of NEBA / SIMA in the planning process; surveillance, modelling and visualization in response and implementing response techniques.

Session Chair

Steven Thomson
Operational Safety & Environment Manager
Dubai Petroleum

Speakers

Andy Nicoll Principal Preparedness & Response Authority OSRL Topic: Oil Spill Preparedness & Response: Evolution of the Tiered Model	Andrew Menton Director of Sales & Business Development RPS Group Topic: Utilizing Automated Modelling & Satellite Detections to Aid Oil Spill Preparedness & Response	Mohamed Samy El Mahy Manager - Oil Spill & HNS Response ADNOC Logistics & Services Topic: Oil Spill response preparedness
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TECHNICAL SESSION 1

Technical Session 2

Theme: Oil Spill Impact: Environment | Economy | Community

This Technical session shall focus on the impact that oils spills have, not just on the environment but also on the local or national economies, and communities. While oil spills impacts are sometimes perceived as "recoverable", they can still have slight or disastrous consequences with short and/or long-term effects on the environment, economy and the community. The session can be used to discuss historical case events for lessons learned purposes, or highlight/promote awareness of particular regional sensitivities, requirements or areas of concern (whether they be environmental sensitive areas, important ecosystems, economic dependences and community requirements) that need to be considered in managing our business and potential oil spills. Whilst the audience will generally know we need to prevent and minimize the impact of oil spills, this session should be used to highlight "why" it's important, particularly with local/regional tangible or relevant historical content/evidence, so we know "what/who" it is we are trying to protect, and "how" best achieve this. Increasing awareness of the spectrum of tangible local impacts that oils spills can have, means an informed and responsible organisation can better its capability and culture to achieve sustainable clean seas in everyone's best interests.

Session Chair

Capt. Mohammad Al Ajmi
Team Leader Marine Oil Spill Management
KOC

Speakers

Dr. Rob Holland Technical Lead OSRL Topic: SCAT and the Shoreline Response Programme	Eng. Hassan Marzooq Senior Environmental Specialist Supreme Council of Environment Topic: Environmental & Socio Economic of Oil Spills	Rob Cox Director Environment & Health Consulting Limited Topic: An upgraded Readiness Evaluation Tool for Oil Spills (RETOS)
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TECHNICAL SESSION 2

Technical Session 3

Theme: Global Collaboration

AI Dana 3 & 4

Oil spills and their associated impacts do not respect jurisdictional boundaries or human politics. Global collaboration initiatives serve the purpose to bring organisations together to work in partnership. This can be equally successful for preparedness and response activities. In this technical session, speakers will present examples of successful global collaboration initiatives and how organisations can come together and work on oil spill preparedness and response.

Session Chair

Maram Al Sabbagh
Environmental Specialist
BAPCO

Speakers

Rhys Jenkins
Middle East Regional Manager
OSRL

Pablo Benjumed
Chief Operation Officer
Orbital EOS

Brian Sullivan
Executive Director
Ipieca

Topic: Global Collaboration

Topic: Satellite Oil Spill Monitoring in
Global Emergency

Topic: Global Collaboration: Lessons
Learned & Future Challenges

TECHNICAL SESSION 3

1300 - 1400

Networking Lunch

Exhibition Area

Theme: Oil Spill Management Effectiveness: Competency | Training | Drills & Exercises

This panel will be covering the overall aspect of how building resilience into oil spill preparedness requires the right knowledge and skills in the right place at the right time. To be effective in managing potential oil spills, the entities scope to ensure having the right competencies, they have to identify:

- who needs to be trained – auxiliary or dedicated professional teams
- what are the training needs - type and level of training to be given
- how the skills and knowledge acquired in training shall be tested using an exercise program.

It is each entity's role to decide what works best for them. What's common for all the industry is the minimum expectations in building competency, assessing the adequacy of readiness in exercises and capturing lessons learned.



Moderator

Mohammed Al Ghamdi

Regional Oil Spill Response Coordinator (Arabian Gulf)
Saudi Aramco



Talib Obaid Al Alawi

VP - Oil Spill & HNS Response
ADNOC Logistics & Services



Rob James

Commercial Director
OSRL



Rob Cox

Director
Environment & Health Consulting Limited



Matthew Sommerville

Director
Spectrum Spill Services

PANELISTS

13TH OCTOBER 2022 | THURSDAY

CONFERENCE DAY 2

0800 - 0900

Registration & Welcome Tea/Coffee

0900 - 0930

Keynote Address

Al Dana Hall

Theme: Technology & Innovation in Oil Spill Management

Technology and innovation in oil spill management in recent years has made considerable advances. While some developments have been made with novel technology, the oil spill industry is also turning to already proven tools such as unmanned vehicles to repurpose for oil spill response techniques. In this keynote address, speakers will discuss how technology is changing how oil spill managers gather data and present as information on online platforms.



Mika Pirneskoski

Chief Executive Officer
LAMOR



Juan Pena Ibanez

CEO & Co-Founder
Orbital EOS



Matthew Clements

EMEA Regional Director
OSRL

SPEAKERS

Theme: Lessons Learned from Past Experience

Many mechanisms exist for how companies can ensure a lesson identified can become a lesson learned. In this Leadership Panel, speakers discuss the importance of how to identify a lesson and how those lessons can be transferred into a repeatable solution or process. Examples of lessons from past experiences may be presented and how the learning of these lessons has led to behavioural, cultural, or organisational change.

**Moderator****Majed Kaki**

Regional Oil Spill Coordinator (Red Sea)
Saudi Aramco

**Capt. Dr. A Munem
M. Al Janahi**

Director
MEMAC

**Ahmad A. Al Babtain**

CTO
SAIL

**Mika Pirneskoski**

Chief Executive Officer
LAMOR

**Matthew Clements**

EMEA Regional Director
OSRL

**Stephane Grenon**

Managing Director
Trix

PANELISTS

Technical Session 4

Theme: Waste Recovery and Management

Al Dana 1

This technical session will cover the existing laws & regulation in terms of waste recovery & management and their compliance mechanism. This will include the collection, storage, treatment, recycle and disposal methods. This will also cover the contractual services such as availability, scope and limitations. Tools, Equipment & PPEs (generated from an activity) for waste recovery & management shall also be looked upon along with Management of expired chemicals & other materials. The integral part of the mechanism such as cost, liability & insurance coverage for waste management shall also be covered.

The speaker will focus on recovery of waste & its treatment facility operations. Role of governmental agencies (Environmental Authority, Coast Guard, Naval Forces, Government surveyors, ROPME) shall also be discussed. By sharing of the knowledge, audience will be benefited with scope to adopt new ideas in waste recovery & management techniques, opportunities of enhancing their current capability and gaining confidence in applying acquired knowledge.

Session Chair

Ihab El Saftawi

Senior Specialist - Oil Spill & HNS
ADNOC

Speakers

Dr. Sumaya Yusuf Hasan

Assistant Professor of
Environmental Engineering
Arabian Gulf University

Topic: Sustainable Solid Waste
Management

Naif Samkari

Marine Logistic Sr. Planner
Saudi Aramco

Topic: Marine Waste Recycling
Program

Sultan Saud Al Saif

Director of Technical Support,
Research & Development
SIRC

Topic: What Could the Circular
Economy Look Like by 2035

VP Mahawar

Former Director, ONGC & OMPL, India
Director, Gradwell Oilfield Pvt. Ltd., India

Topic: Green Absorbents for Oil Spill

TECHNICAL SESSION 4

Technical Session 5

AI Dana 2

Theme: Utilization of Technologies in Oil Spill Management - A

This Technical Session will cover the technologies available to manage oil spills, whether they be old & proven, existing and enhanced, new or in development. Technologies can cover the areas of oil spill prevention; oil spill preparedness; oil spill detection and notification; spill quantification; spill tracking & modelling; containment & recovery; shore clean up; impact on environment monitoring; emergency response management tools; stakeholder & media management; or any other area that technology can otherwise aid in the spectrum of oil spill management. A particular area of interest could be technology developed or required to manage business and potentially oil spills, in the current COVID pandemic and the restrictions it imposes.

Technology is generally advancing at an exponential rate, so can oil spill management technology development capitalize on this. How can we encourage and embrace it, given the technical, economic and political challenges of the regional oil & gas industry, and how can we overcome barriers.

Session Chair

Qassim A. Al Dayel

Marine Oil Spill Response Coordinator
Saudi Aramco

Speakers

Amar Darwish

Environmental
Coordinator
Saudi Aramco

Topic: Slop Tank Level
Online
Monitoring Dashboard

Andrew Menton

Director of Sales &
Business Development
RPS Group

Topic: Advanced Software
applications enable responders
to make informed decisions

Rob Ayasse

Vice President - Earth
Observation Sales
KSAT

Topic: Space-Based Assets
for Ocean Sustainability

Eng. Trond Gulbrandsøy

International Sales Manager
AllMaritim

Topic: Utilizing Tools Correctly in
an Oil Spill - Response Strategies

TECHNICAL SESSION 5

Technical Session 6

AI Dana 3

Theme: Salvage Operation & Compensation

Serious sea-related disasters have reduced in number due to technological advancement and marine safety improvements, however, shipping casualties continue to occur as a result of collision, fire, grounding, structural failure and mechanical breakdown either because of natural perils associated with ocean transportation or due to inherent potential for human error. In some instances, vessels sink and take their cargoes with them to the seabed which poses a serious threat to the marine environment. The process of marine salvage is to recover cargo, shipwreck or other maritime casualties.

In this technical session, the speakers will discuss the salvage contracts and compensation to salvors for their services. Speakers will explain various categories for salvage contracts, the compensation paid to the salvors, and various challenges faced by the salvor. The session discusses the expertise of others working in extreme environment on how the salvage industry continues to make advances in their operations for oil detection, removal and recovery and what types of claims are eligible for compensation from an oil spill.

Session Chair

Ahmad A. Al Babbain

CTO
SAIL

Speakers

Dave Wisse

Senior Commercial Manager
SMIT Salvage

Topic: Analysis of recent
salvage and environmental
care projects

Capt. Zarir S. Irani

Managing Director
Constellation Marine Services LLC

Topic: Sequence of events following a
pollution incident - an insurance claim
perspective

Mohamed Zeyad Murad

Environmental Coordinator
HSE Department
ASRY

Topic: Salvage Operation
and Compensation - Focus
on Pollution

TECHNICAL SESSION 6

1215 – 1230

Exhibition Visit & Tea/Coffee Break

Exhibition Area

Technical Session 7

Theme: Oil Spill Case Studies

AI Dana 1

Case studies are an effective way to communicate lessons learned from incidents and provide a holistic view of an incident with retrospect. In this session speakers present recent oil spill case studies and draw upon how experiences in these incidents can be used as learning experiences for others.

Session Chair

Abdullatif M. Al Shammary
Superintendent - Terminal & Marine Department
KJO

Speakers

Yusuf Marhoon
Oil Spill Response Specialist
OSRL

Topic: Sri Lanka nurdle Spill Contamination

A J M Gunasekara
General Manager
MEPA

Topic: Mv Xpress Pearl vessel accident consequences, response challenges, & lessons learned for the future

Javier Perez
Regional Manager
LAMOR

Topic: Lessons Learned from Peru Oil Spill in 2022

TECHNICAL SESSION 7

Technical Session 8

Theme: Competency and Capability Enhancement

AI Dana 2

The global environmental agenda, current operational challenges and prospects of fossil fuel in the future energy mix lead to the transformation of oil industry. Considering the importance of capacity building this session it will cover the oil spill response organisations should keep up with these trends and apply advanced technology and cost-efficient solutions while enhancing their capability including: the development of adequate local, national and regional contingency plans taking into account diverse modern response techniques, having the competent response organisation in place, provision of effective response equipment and material, sufficient logistical support and consultancy.

Session Chair

Rhys Jenkins
Middle East Regional Manager
OSRL

Speakers

Gamal Ali Mohamed Elashkar
Specialist - Training & Competency
ADNOC Logistics & Services

Topic: ADNOC Logistics and Services World Class Practice In Developing Oil Spill & HNS Responders Competencies

Mohamed Darwish Mustafa
Senior Response Specialist
OSRL

Topic: Capacity Building on Responders Level

Stephane Grenon
Managing Director
TRIOX

Topic: Lesson learned from prioritization of coastal sensitivities and development of site-specific response plans

TECHNICAL SESSION 8

Technical Session 9

Theme: Incident Management System for Oil Spill

Al Dana 3

An effective Incident Management System is an integral part of any oil spill preparedness and response capability. The International Association of Oil & Gas Producers (IOGP) provide guidance on how an IMS can be used to establish command and control to move the management of an incident from the initial reactive mode to a proactive mode where the incident is being driven by a clear set of objectives. In this technical session, speakers will share their knowledge of how Incident Management Systems can be used in oil spill response.

Session Chair

Ihab El Saftawi

Senior Specialist - Oil Spill & HNS (ADNOC Group HSE)
ADNOC

Speakers

Ebrahim Al Qayem
Oil Spill Specialist
OSRL

Topic: Basic IMS

Charles J Olson
Fire Chief, Supervisor
Dhahran Fire Training Center
Saudi Aramco

Topic: Incident Command for Oil Spill

& Jeremy Williamson
Battalion Chief
Saudi Aramco

Illias Pavlidis
HSSEQ Manager
LAMOR

Topic: Best practices in management of OSResponse equipment

TECHNICAL SESSION 9

Technical Session 10

Theme: Utilization of Technologies in Oil Spill Management - B

Al Murjan 1 & 2

This Technical Session will cover the technologies available to manage oil spills, whether they be old & proven, existing and enhanced, new or in development. Technologies can cover the areas of oil spill prevention; oil spill preparedness; oil spill detection and notification; spill quantification; spill tracking & modelling; containment & recovery; shore clean up; impact on environment monitoring; emergency response management tools; stakeholder & media management; or any other area that technology can otherwise aid in the spectrum of oil spill management. A particular area of interest could be technology developed or required to manage business and potentially oil spills, in the current COVID pandemic and the restrictions it imposes.

Technology is generally advancing at an exponential rate, so can oil spill management technology development capitalize on this. How can we encourage and embrace it, given the technical, economic and political challenges of the regional oil & gas industry, and how can we overcome barriers.

Session Chair

Samah Al Hamad

Acting Manager Risk & Compliance
BAPCO

Speakers

Rami W.A. Saeed
Specialist - Digital Transformation
ADNOC Logistics & Services

Topic: Technology Driven Oil Spill Response

Capt. Aref Al Awadhi
Senior Oil Spill Response Officer
MEMAC

Topic: MEMAC's Role & Utilizations of Technologies in RSA

Nicolas Amaral
Senior Spill Response Specialist
OSRL

Topic: Shoreline Toolbox Application

TECHNICAL SESSION 10

1345 - 1400

Closing Remarks & Outcome of the Conference



Al Dana Hall



Ijaz Ashraf

Advisor - Environmental Affairs, BAPCO &
Chairman, RECSO

1400

Networking Lunch



Exhibition Area



المنظمة الإقليمية للمحافظة على نظافة البحار REGIONAL CLEAN SEA ORGANIZATION (RECISO)

١٩٧٢ - ٢٠٢٢
1972 - 2022



Our Vision

To be the region's leading organization in achieving oil pollution - free regional seas.

Our Mission

To provide its members with the resources, knowledge and skills to prevent, prepare for and effectively respond to oil and associated chemical spills within the RECISO regional seas.

To be the region's reference authority and consultative body for matters related to sharing best practices and knowledge on offshore oil and associated chemical spills prevention and response.

رؤيتنا

أن نكون المنظمة الرائدة على مستوى المنطقة نحو الوصول إلى مياه إقليمية خالية من التسربات النفطية.

رسالتنا

تزويد أعضاء المنظمة بالموارد والمعرفة والمهارات اللازمة للحد من والاستعداد والاستجابة الفاعلة للتسربات النفطية والمواد الكيميائية المصاحبة ضمن البحار الإقليمية لمنظمة ريكسو.

أن نكون السلطة المرجعية والهيئة الاستشارية الإقليمية لكل ما يتعلق بالمعرفة وأفضل الممارسات الخاصة بالحد من التسربات النفطية والمواد الكيميائية المصاحبة وسبل الاستجابة لها.



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ANALYTICAL INSTRUMENTATION & MAINTENANCE SYSTEM (AIMS)

Introduction:

AIMS Oil & Gas is a leading chemical, Catalyst & Services supply company to Major companies in Middle East like ADNOC, ARAMCO, PDO, BAPCO, while significantly contributing to the local programs like ICV in UAE, IKTV. AIMS Environmental Division is pleased to introduce a new line of innovative products, like:



X-Oiler Matrix, a polymer utilized for soil & water decontamination. Developed by S.A.S Controls, X-Oiler Matrix is a super-absorption polymer that effectively locks oil and hazardous components into a stable, environmentally safe residue. As a result of the technology's versatility, it can treat a wide range of contaminants including heavy oils and sludges that contain hazardous heavy metals such as mercury, lead, nickel, and any metal heavier than copper.

A X-Oiler Matrix is of two types, X-Oiler Ocean & X-Oiler Agro. While is X-Oiler-Ocean is used for instant stabilizing, neutralizing, and cleaning of oil spills in marine areas; X-Oiler Agro is used for instant remediation of contaminated soil.

The X-Oiler effect is two-fold

1. Encapsulation
2. Aggregation

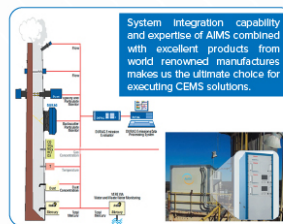


Air Quality Monitoring Solutions:

More than two millions people get affected each year due to air pollution. Prolonged exposure to pollutants such as low-level ozone, nitrous oxide, and a many other volatile organic compounds can be linked to serious respiratory diseases. Many nations and local authorities proactively monitor emission sources, in order to preserve the health of citizens and fight against the greenhouse effect.



1. AIR QUALITY MONITORING SYSTEMS



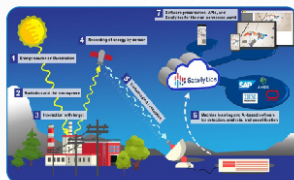
2. EMISSION TECHNOLOGY

In our endeavor towards environmental solutions, we provide:

AIR QUALITY MONITORING SYSTEMS

- Comprehensive AQMS Solution: Analyzers supply, Meteorological sensors, Shelters & Data Systems.
- Maintenance of Analyzers and spare support.
- Bringing awareness on various regulations approved and followed globally (US EPA and EN)
- Providing stations on lease or rental for verification of CEMS/PEMS or Ambient Air Quality

Satelytics:



Data Acquisition, From Where, How Often, and What the Future Holds

Satelytics takes in multi and hyperspectral data from a variety of third-party sources including enterprise satellite data providers using conventional and nano-satellite arrays, plane or drone aerial imagery, and fixed or persistent camera platforms.

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It is all made possible when using the NOFI Current Buster 6 / NorMar integrated pump system (IPS)



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Vikoma is a world leader with over 50 years experience in the design and manufacture of reliable equipment for your oil spill requirements. You can depend on our products to work reliably when you need them and Vikoma will be there to support you and the products through their lifetime.

Our range includes containment booms, recovery systems, storage solutions and ancillary equipment together with training, installation and commissioning services, Vikoma is your one-stop solution to oil spill. Vikoma products are industry renowned for quality, durability and lifespan and we are fully accredited by Lloyds Register Quality Assurance ISO9001:2015.

With a network of partners around the world working with our regional sales managers, we are easy to reach and provide you with the level of service you would expect from a world leader.

Containment Booms

Cutting edge design and high-quality materials have resulted in our oil containment booms being successfully deployed offshore, nearshore, on beaches, riverways, ports and harbours worldwide. Our booms are made from neoprene rubber or polyurethane and can be air or foam filled.

Oil Recovery Skimmers

We offer a full range of skimmers with recovery rates ranging from 1m³ to 250m³ per hour with up to 98% oil content. Our range of recovery modules includes disc, brush and tooth disc with options for interchangeable modules to suit the thickness of the oil being recovered. Our skimmers give you superior performance and reliability together with easy maintenance for long life. Our Komara range is industry renowned as the skimmer of choice for many and so are our star disc skimmers for medium to ultra heavy oils.

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Key to a successful oil spill recovery operation is having storage for the recovered oil. We offer a range of storage tanks varying in capacity from 1m³ to 100m³. We have framed or self supporting tanks for use on land and inflatable solutions for use on water.

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Store your oil spill equipment in convenient, custom-made containers. Your equipment is kept safe and protected from the weather and can be quickly transported to a spill location or kept by dockside or on board ready for action. ISO or DNV certification available.



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