

PROGRAMME

**Arab Women in Maritime - Biofouling Management Workshop
(AWIM-BMW)**

10-11 May 2023

The Venue Jeddah Corniche Hotel, Jeddah, the Kingdom of Saudi Arabia

Day 1: Wednesday 10th May 2023

8.00 - 9.00 **Registration & Coffee**

9.00 - 9.30 **Opening session**

Master of ceremony:

- *Leila Ben Hassen, Founder & CEO, Blue Jay Communication Ltd*

Welcome address - Keynote speaker:

- *Omaimah Bamasag, Deputy of Transportation Enablement, Transport General Authority, the Kingdom of Saudi Arabia*

Opening remarks:

- *H.E. Hessa Al Malek, President, Arab Women In Maritime Association (AWIMA)*

- *Gyorgyi Gurban, Head, Projects Implementation, Department of Partnerships and Projects, International Maritime Organization (IMO)*

- *Lilia Khodjet El Khil, Project Technical Manager, GloFouling Partnerships project, IMO*

9.30 – 10.00 **Presentation | The IMO and gender equality**

An introduction to the International Maritime Organization (IMO) work on gender equality.

Women in the maritime industry are being historically underrepresented however the IMO has taken a strategic approach to help ocean's stakeholders to achieve gender equality and empower all women and girls. The presentation will explain what IMO is doing to address the gender gap and how IMO's Department for Partnerships and Projects includes gender in its activities to engage and empower more women.

Facilitator:

- *Lilia Khodjet El Khil, Project Technical Manager, GloFouling Partnerships project, IMO*

Presenters:

- *Mariana Noceti, Principal Programme Assistant for the Women in Maritime Programme, Technical Cooperation Division, IMO*

- *Gyorgyi Gurban, Head, Projects Implementation, Department of Partnerships and Projects, IMO*

- *Karine Langlois, Social Media and Communications Officer, Public Information Services, IMO*

Q & A

10.00 – 10.30 **Presentation | GEF-UNDP-IMO GloFouling Partnerships project**

An overview of the project.

Building partnerships to assist developing countries to minimize the impacts from aquatic biofouling (GloFouling Partnerships) is a collaboration between the Global Environment Facility (GEF), the United Nations Development Programme (UNDP) and the International Maritime Organization (IMO). The project aims to build capacity in developing countries to implement IMO's Biofouling Guidelines and reduce the transfer of invasive aquatic species via ships' biofouling. The presentation will outline the key achievements of the project.

Facilitator:

- Leila Ben Hassen, Founder & CEO, Blue Jay Communication Ltd

Presenters:

- Lilia Khodjet El Khil, Project Technical Manager, GloFouling Partnerships project, IMO

- Jurga Šaulė, Senior Project Assistant, GloFouling Partnerships project, IMO

- Yeongjoo Baek, Project Technical Manager, TEST Biofouling, IMO

Q & A

10.30 -11.00 **Coffee Break**

11.00 – 12.00 **Session 1 | Impacts of ships' biofouling**

What is biofouling and how does it contribute to the loss of marine biodiversity and to climate change?

Ships' biofouling is one of the main vectors for the introduction of invasive aquatic species, which is considered to be one of the greatest threats to the world's marine biodiversity. Biofouling on ships' hull also increases the ships' drag. To maintain speed, ships must burn more fuel, thus increasing greenhouse gas emissions. This session will highlight the impact of biofouling and environmental challenges.

Facilitator:

- Sanjam Gupta, Director, Sitara Shipping

Presenters:

- Jurga Šaulė, Senior Project Assistant, GloFouling Partnerships project, IMO

- Yeongjoo Baek, Project Technical Manager, TEST Biofouling, IMO

Panelists:

- Simon Doran, Managing Director, HullWiper Ltd / Chair of Global Industry Alliance (GIA) for Marine Biosafety

- Zahra Alsaffar, Environmental Stewardship Lead, Sustainable Development at NEOM

- Lilia Khodjet El Khil, Project Technical Manager, GloFouling Partnerships project, IMO

Q & A

12.00 – 13.30 **Lunch**

13.30 - 14.30 **Session 2 | The global response**

How does the IMO global policy address biofouling related issues?

More countries are taking steps to tackle biofouling from ships, in line with the IMO's *2011 Guidelines for the Control and Management of Ships' Biofouling to minimize the transfer of Invasive Aquatic Species* ([IMO Biofouling Guidelines](#)). The objective of this panel is to explain the IMO's policy and how it is being implemented by Member States and other stakeholders.

Facilitator:

- Jurga Šaulė, Senior Project Assistant, GloFouling Partnerships project, IMO

Presenters:

- Lilia Khodjet El Khil, Project Technical Manager, GloFouling Partnerships project, IMO

- Reem Hasan Qutaish, Administrative and Financial Director, Jordan Maritime Commission

Panelists:

- Nazli Seleik, Senior Partner, NSN Law / Member of the Executive Committee, WISTA International

- Reham El-Refaei, Director of the Environment Protection Department, Damietta Port Authority, Egypt

Q & A

14.30 - 15.00 **Coffee Break**

15.00- 16.00 **Session 3 | Industry perspectives**

Challenges and best practices: What role does the private sector play in promoting and developing innovative biofouling management solutions?

Ships' biofouling is an issue that concerns different stakeholders. The objective of this session is to bring together different business stakeholders to discuss common challenges and best practices, opportunities, and solutions to reduce the impact of biofouling and find ways to contribute to a sustainable blue economy.

Facilitator:

- Yeongjoo Baek, Project Technical Manager, TEST Biofouling, IMO

Presenters:

- Simon Doran, Managing Director, HullWiper Ltd / Chair of Global Industry Alliance (GIA) for Marine Biosafety

- Reham El-Refaei, Director of the Environment Protection Department, Damietta Port Authority, Egypt

- Nahla Mohamed, Team Leader of Waste Management Group, Alexandria Port Authority, Egypt

Panelist:

- Reem Abdullah Alkhowaiter, Bahri Ship Management

Q & A

16.00-16.20 **Session 4 I Biofouling gender action plan**

An introduction to the gender action plan.

To address the gender disparity in biofouling management sector, the IMO's TEST Biofouling project has developed an action plan specifically for this sector. The presentation will outline the strategy on how to help to increase women in maritime industry from 2% vs men to 50-50% employment.

Facilitator:

- *Leila Ben Hassen, Founder & CEO, Blue Jay Communication Ltd*

Presenters:

- *Yeongjoo Baek, Project Technical Manager, TEST Biofouling, IMO*

- *Sanjam Gupta, Director, Sitara Shipping*

Q & A

16.20 – 17.30 **Paving the way for Day 2 workshops**

The objective of this session is to highlight some existing noteworthy initiatives which women from the Middle East and North Africa (MENA) countries could benefit from and will serve as reference information ahead of the group discussion workshops of Day 2.

Facilitator:

- *Leila Ben Hassen, Founder & CEO, Blue Jay Communication Ltd*

Presenters:

- *Cleopatra Doumbia-Henry, President, World Maritime University (WMU). Introduction to WMU eLearning tool.*

- *Lina Eyouni, Manager, Marine planning and monitoring, Environmental Sustainability, Red Sea Global. Introduction to King Abdullah University of Science and Technology (KAUST) and Red Sea Global. How education leads to empowering women and young girls.*

- *Nazli Seleik, Senior Partner, NSN Law / Member of the Executive Committee, WISTA International. Introduction to WISTA International and how networking is important for professional development and progression in the industry.*

- *Sanjam Gupta, Director, Sitara Shipping. Introduction to maritime SheO programme and women leadership.*

- *Miral Michel Moneer Armanious, Marine & Offshore Engineering student Arab Academy for Science, Technology and Maritime Transport (AASTMT). Introduction to AASTMT and women leadership.*

Q & A

Registration of participants in workshop groups on Day 2.

Closing the day

19.00 – 21.00 **Reception hosted by the Kingdom of Saudi Arabia**

Day 2: Thursday 11th May 2023

8:30 – 9.00 **Welcome coffee**

9.00.-. 9.15 **Day 2 welcome** (main room)

Facilitator:

- *Lilia Khodjet El Khil, Project Technical Manager, GloFouling Partnerships project, IMO*

9.15 – 11.00 **Group 1, 2 & 3 parallel workshops** (break out rooms)

Group 1: Education, training, and capacity building

This group will discuss educational needs for women to fulfil the marine biofouling job market gaps across all the value chain of the industry. What are the reskilling and upskilling challenges and opportunities and how can new generations of women be attracted to the sector? How can more women undertake research and development activities to help provide innovative solutions and address marine biofouling?

Facilitator: Lina Eyouni, Manager, Marine planning and monitoring, Environmental Sustainability, Red Sea Global.

Co-Facilitator: Zahra Alsaffar, Environmental Stewardship Lead, Sustainable Development at NEOM

Group 2: Business opportunities and financing

This group will discuss women key role in promoting environmental sustainability and creating economic value in the biofouling industry. How can women have equal access to business opportunities? Without access to finance, women face difficulties in growing their businesses and are excluded from the blue economy. How to bridge the gender gap in access to finance and ensure equal opportunities?

Facilitator: Simon Doran, Managing Director, HullWiper Ltd / Chair of Global Industry Alliance (GIA) for Marine Biosafety

Group 3: Women visibility and leadership

This group will discuss the challenges women face to make their contribution acknowledged in the professional sphere. What are the possible ways and means to identify skilled women in the biofouling community and unlock their potential? How to encourage more women to join and increase visibility of their contribution in the field?

Facilitator: Sanjam Gupta, Director, Sitara Shipping

Co-Facilitator: Nazli Selek, Senior Partner, NSL Law / member of the Executive committee WISTA International

11.00 – 11.30 **Coffee break**

11.30 – 11.45 Reports of the three workshops

Each group will present the outcome of their workshop discussions.

11.45 – 12.40 Session 5 | Women on board

How to increase women's contribution in the maritime sector?

The objective of this session is to discuss potential solutions to increase opportunities for women in biofouling management, in line with initiatives led by the IMO, the GloFouling Partnerships project, and the Test Biofouling project.

Facilitator:

- *Leila Ben Hassen, Founder & CEO, Blue Jay Communication Ltd*

Panelists:

- *Hayat A. Al Yabis, Alternate Permanent Representative of the Kingdom of Saudi Arabia to the International Maritime Organization*
- *H.E. Hessa Al Malek, President, Arab Women In Maritime Association (AWIMA)*
- *Cleopatra Dombia-Henry, President, World Maritime University (WMU)*
- *Simon Doran, Managing Director, HullWiper Ltd / Chair of Global Industry Alliance (GIA) for Marine Biosafety*
- *Sanjam Gupta, Director, Sitara Shipping*
- *Nazli Selek, Senior Partner, NSN Law / Member of the Executive Committee, WISTA International*
- *Lilia Khodjet El Khil, Project Technical Manager, GloFouling Partnerships project, IMO*

Summary and conclusion

12.40 – 13.00 Closing of the Workshop

Closing remarks and group photo

- *Hayat A. Al Yabis, Alternate Permanent Representative of the Kingdom of Saudi Arabia to the IMO*
- *Lilia Khodjet El Khil, Project Technical Manager, GloFouling Partnerships project, IMO*

13.00 – 14:30 Lunch

14.30 – 18.00 Afternoon site visit to Jeddah Islamic Port, hosted by the Kingdom of Saudi Arabia