



**Arab Academy**  
for Science Technology & Maritime Transport

The International Maritime Transport  
and Logistics Conference

**“MARLOG 12”**



**Sustainable & Innovative  
Technologies**

Towards a Resilient Future

12 - 14 March, 2023 Alexandria - EGYPT





Under The Auspices of

**H.E. Mr. Ahmed About Gheit**  
Secretary General of  
the League of the Arab States

**H.E. Lieutenant-General Kamel Al-Wazir**  
Minister of Transport, Egypt

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# The International Maritime Transport and Logistics Conference “Marlog 12”

## Sustainable & Innovative Technologies

Towards a Resilient Future

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### Introduction:

The world is facing continues and different types of challenges, either natural crises as climate change and other natural hazards that exacerbates with climate change, or man-made challenges as conflicts between nations and countries, conflicts in interests between stakeholders, and the rapid changes in types and sizes of vessels and products and size of trading between countries. These challenges are growing and accelerating with time and driving the world to go through critical stages in the global economy in general and port and supply chains, which drives strongly to search for innovative and effective solutions to face the challenges and ensure the continuity of maritime transport and port productivity and competitiveness.

The crises and challenges during the last few decades, led to negative consequences on the global economy and particularly a huge impact on supply chains, logistics and ports, which emphasize the importance of adopting integrated solutions and applying effective measures to adapt to such challenges and rational risk management.

Furthermore, the challenges facing the world reflects the significance of implementing resilient strategies that ensures the ability to sustain logistics business and port services efficiency. The mitigation of different crises can be achieved through different aspects and one of these aspects is the modern technologies and promoting innovation. Relying on modern technologies and promoting innovation are the key drivers for achieving a resilient future for ports and the logistics industry. This requires synergies between decision-makers, academic researchers, stakeholders and the whole port and logistics community. It also requires effective communication, exchange of knowledge and best practices.

**Marlog 12** sheds the light on the importance of innovation, modern technologies, and their role in a sustainable resilient future for the port community and maritime industry.







## Themes:

### 1 Supply Chain Resilience Strategies and its Role in Enhancing Competitiveness in the Maritime Transport and Logistics Industry

- 1.1 Supply chain resilience strategies, indicators, and measures.
- 1.2 Supply chain clustering and economic zones management.
- 1.3 The role of nearshoring and reshoring in promoting resilience.
- 1.4 Maritime waterways connectivity for global trade.

### 2 Future-Proof Infrastructure for Port-City

- 2.1 Sustainable port infrastructure development.
- 2.2 Improving infrastructure to cope with changing market requirements.
- 2.3 Decreasing the maintenance time of infrastructure.
- 2.4 Connecting port and city infrastructure.

### 3 Green Transition and Renewable Energy Investments

- 3.1 Modeling future green technological, organizational, and economic trends.
- 3.2 Green Transition obstacles for Emerging ports and proposed solutions.
- 3.3 The future of renewable energy in maritime transport.
- 3.4 Green Hydrogen: the future of ship refueling.







**Themes:**



**Years Of Excellence**



**4**

## **Security and Risk Management in Ports and Waterways**

- 4.1 Risk management and reliability in ports and logistics.
- 4.2 Piracy and cybersecurity in ports and maritime industry.
- 4.3 Improving port safety towards sustainable port-city.
- 4.4 Synchro modality role to solve congestion problems in ports and supply chains.

**5**

## **Smart Technologies and Innovation Towards Agile Supply Chains**

- 5.1 Assessing threats and vulnerabilities in global supply chains.
- 5.2 Smart technologies and its impact on supply chains.
- 5.3 Role of digital twin in transforming supply chains and empowering ports.
- 5.4 Analyzing big data for Port and cargo management.

**6**

## **Requalification of Human Resources Capabilities of Port and Logistics Community for Future Professions – Best Practices**

- 6.1 Future profiles guidelines for port and logistics
- 6.2 Entrepreneurship and bridging the gap between education and industry
- 6.3 Best practices – capacity building projects





## Conference Chairman:

Prof. Ismail Abdel Ghafar Ismail Farag



AASTMT  
President



## Organizing Committee:

Prof. Akram Soliman Elsemy	Head of Organizing Committee. Dean, College of Engineering and Technology, AASTMT
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## Technical Committee:

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Former Head, board of Trustee, Egypt-Japan University, Egypt.

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Dr. Philippe Guillaumet	Secretary General of the MEDports Association, Marseille, France.
Eng. Francesc Carbonell	Head of Sector, Transport and Urban Development, Union for the Mediterranean.
Mrs. Ana Rumbeu Daviu	Training Director, Valencia Port Foundation, Port Authority of Valencia, Spain.



## Important Dates:

• Abstract Submission Opening:	15-09-2022
• Abstract Submission Deadline:	15-11-2022
• Abstract Acceptance Notification:	01-12-2022
• Full Paper Submission Deadline:	01-01-2023
• Full Paper Acceptance Notification:	15-01-2023





## Conference Fees:



Type	Date	Fees Non-Egyptians	Fees Egyptians	
Attendance	Early Bird Registration	1 - 11 - 2022	850 US \$	3500 EGP
	Registration	1 - 1 - 2023	1000 US \$	4000 EGP
Research Paper Publication	-----	750 US \$	4000 EGP	

## Accommodation

### Non-Egyptians



**150 US \$** (Single room per night B&B)  
**170 US \$** (Double room per night B&B)

### Egyptians



**6000 EGP** (Package for 3 nights: Single Room B&B)



## Exhibition Fees:

Model	Area	EGP Price (Egyptians)	US \$ Price (non-Egyptians)
A	6.00 m <sup>2</sup>	<b>10.000 EGP</b>	<b>2.000 US\$</b>
B	8.00 m <sup>2</sup>	<b>13.500 EGP</b>	<b>2.500 US\$</b>
C	9.00 m <sup>2</sup>	<b>15.000 EGP</b>	<b>3.000 US\$</b>
D	12.00 m <sup>2</sup>	<b>20.000 EGP</b>	<b>4.000 US\$</b>
E	12.00 m <sup>2</sup>	<b>22.500 EGP</b>	<b>4.250 US\$</b>
F	14.00 m <sup>2</sup>	<b>25.000 EGP</b>	<b>4.500 US\$</b>
G	25.00 m <sup>2</sup>	<b>40.000 EGP</b>	<b>5.000 US\$</b>





Exhibition



# Expo (IME)" 2023



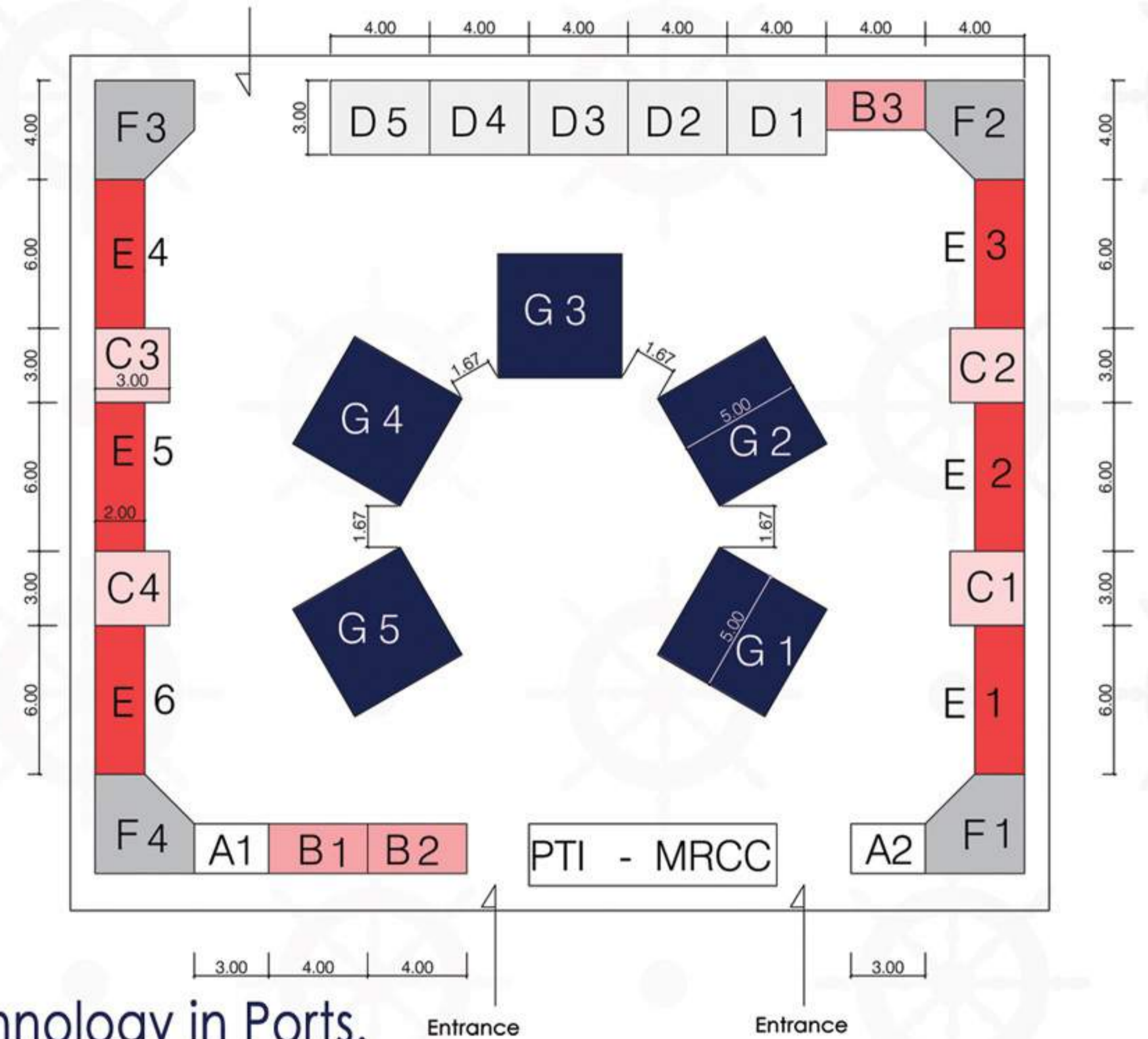
## "The International Maritime Expo (IME)" 2022

The "International Maritime Expo (IME) 2022, targets local, regional and international companies working in Maritime Transport and Logistics. The exhibition is considered one of the largest specialized exhibitions in Egypt, Arab Region and Africa. The Exhibition enables the opportunity for showing the state of the art technology developments in the field of maritime transport and logistics.



### Exhibition profiles:

- Cargo Handling Equipment.
- Ship building Industry.
- Marine Technology.
- Dredging Technology.
- Ports and Ships Security Equipment.
- Navigational and Safety Equipment.
- Ports and Ships Services.
- Banks and Financial Services.
- Maritime Insurance Services.
- Port Simulation.
- Information and Communications Technology in Ports.
- Port Operation Equipment.
- IT Applications in Ports.



### Conference Booklet Advertisement Prices:



Number of pages	EGP Price (Egyptians)	US \$ Price (non-Egyptians)
Half Page	4000 EGP	350 US\$
Full Page	5000 EGP	500 US\$
Two Pages	6000 EGP	750 US\$





## Sponsorship Program:



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Sponsorship Qualities	Platinum Sponsor	Diamond Sponsor	Golden Sponsor	Silver Sponsor
A chance of presenting a case study within the realm covered by the conference through one of its sessions.				
The sponsor shall have a distinguished position in the press conference, which will inaugurate that important conference and shall be announced in the newspapers.				
Contribution of the sponsor will be announced in the press conference.				
Exclusive catering.				
Putting an advertising hanger for the sponsor in the conference hall and exhibition.	6	4	2	
Advertising in the Conference printed materials.	2 Pages	1 Pages	1/2 Pages	
The sponsor entertains the privilege of using the conference logo to promote his productions.	6 Months	4 Months	2 Months	
The sponsoring company will get bags and free invitations for the conference.	5	3	2	1
A discount on pavilions when wishing to take part in the accompanying exhibition of the conference, while showing your logo inside the exhibition's hall.	100%	50%	25%	15%
Honoring, under the auspices of his excellency the Secretary General of the League of Arab States, and his excellency Minister of Transport in the opening ceremony.				





## Sponsorship Program:

Sponsorship Qualities	Platinum Sponsor	Diamond Sponsor	Golden Sponsor	Silver Sponsor
Showing the sponsor's logo and his name on all publications and advertisements of the conference and the website. The size of the logo, the sponsor's name, his media and advertising contribution shall conform to the type of sponsorship and its relative size.				
The sponsor's logo will be stamped on the back of the participants and organizers' IDs, and the size of the logo conforms to the type of sponsorship.				
Distributing the sponsor's publications inside the participants' bags and at the reception area in the conference's location.				
Special thanks to your company in the exhibition's catalogue, and a final visual report on the conference.				

### 1- Delegates Bags Sponsor : (1250 \$)

- Sponsor Logo printed on bags.
- Sponsor Banner added inside the bags.
- Sponsor Logo added to the conference website.
- Short profile about the sponsor will be added to the conference website and the conference program.



### 2- Refreshment Breaks Sponsor: (1000 \$)

- Announcement at the conference (before the refreshment breaks)
- Banner added in the exhibition area (refreshment drinks corner)
- Sponsor Logo added to the conference website
- Short profile about the sponsor added to the conference website and the conference program.

### 3- Badges/ Name Tags Sponsor: (500 \$)

- Sponsor logo added to all name tags.
- Sponsor logo added to the conference website
- Short profile about the sponsor added to the conference website and the conference program.



For more information please check Marlog Sponsorship Booklet  
<https://marlog.aast.edu/en/sponsorship-booklet>





## Publications:



Marlog Conference Materials

Printed Versions: P-ISSN: 2682-3764.

Electronic Versions: E-ISSN: 2682-3756



## International Journals:

-All accepted papers of the Marlog Conference will be published in the yearly issue of:

**The International Maritime Transport and Logistics Conference Journal**



Journal Website: <http://apc.aast.edu/ojs/index.php/MARLOG/index>

P-ISSN: "2974-3133"

E-ISSN: "2974-3141"

- Some selected papers will be invited to submit an extended version to Special Issues of:

**International Business Logistics**



Please note that chosen papers will have to follow the journal template for the paper to be published at the journal website, for more information please visit the following link:

<http://apc.aast.edu/ojs/index.php/IBL/about/submissions#authorGuidelines>



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We're here for you.*



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### Contact us :

**Conference :** : conference@marlog.aast.edu  
: +20-(0)-3 48 41 128  
: EXT :224  
: +20 -(0) 10 0600 9877  
: Fax :+20-(0)-3 48 29 930  
: <http://marlog.aast.edu>

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