

Organised By:

# 10<sup>th</sup>



# INTERNATIONAL SEARCH & RESCUE CONFERENCE & EXHIBITION

Royale Chulan Hotel, Kuala Lumpur / 9 - 11 September 2024

**“GLOBAL RESILIENCE: UNITING TECHNOLOGY & HUMANITY FOR SAFER COMMUNITIES”**



Aviation SAR



Land SAR



Maritime SAR



SAR Technology



Medic SAR

Member of:



# 10<sup>th</sup> ISAR PROGRAMME 2024

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# 10<sup>th</sup> International Search And Rescue Conference & Exhibition



**DAY ONE**

**9 SEPTEMBER 2024**

**0800 - 0900**

**REGISTRATION**

**0900 - 1000**

**OPENING CEREMONY**

**Welcome Address**

**Lt. Gen Datuk Dr William Stevenson (Rtd)**  
Chairman of Global SAR Resources

**Special Address**

**Roland Mckie**  
IMO Representative & SAR Advisor of IMRF

**Keynote Address**

**Director General of Malaysian Maritime Enforcement Agency**

**Keynote Address**

**Chief of Armed Forces (TBC)**

**Inaugural Address**

**YB Anthony Loke Siew Fook (TBC)**  
Minister of Transport

**1000 - 1130**


**PHOTOGRAPHY SESSION | EXHIBITION TOUR | REFRESHMENT BREAK**

**1130 - 1230**

**PLENARY SESSION 1**


## Aviation SAR

**Speaker 1:**  
**Mr. Layne Carter**   
U.S. Coast Guard and  
Chief of SARSAT  
**Title: Human Space Flight  
Search & Rescue**

**Speaker 2:**  
**Mr. Khairul A'amali**   
Director of Air Navigation  
Service Operations  
(BOPNU) at Civil Aviation  
Authority Malaysia  
(CAAM)  
**Title: "Training and  
Preparedness for SAR  
Teams"**

**Speaker 3:**  
**Rob Keating**   
Critical Care Flight  
Paramedic, Search and  
Rescue Services Ltd. New  
Zealand  
**Title: "Needle in a  
haystack: Complexities of  
aerial searches and  
modern day solutions"**

## Maritime SAR


**Speaker 1:**  
**George Butler**   
Mass Rescue Operations  
SME USCG District 14  
**Title: "Mass Rescue  
Operations :  
Understanding,  
Preparation and  
Collaboration"**

**Speaker 2:**  
**Captain Sukjoon Yoon**   
Navy Captain, ROKN  
(Rtd), Senior fellow of  
Korea Institute for  
Military Affairs (KIMA)  
**Title: SAR Operations  
Involving Korean Coast  
Guard near Incheon  
International Airport in  
South Korea**

**Speaker 3:**  
**Capt. Huang Jinyu**   
Deputy Director General  
of Donghai Rescue  
Bureau of the Ministry of  
Transport  
**Title: "Meeting the  
challenges of Responding  
to Distress on Remote  
Ocean Waters".**

## Land SAR


**Speaker 1:**  
**Commander Matthew  
Mitchell, USCG, Ret**   
Focus Point International  
**Title: Cognitive Biases in  
Search & Rescue Decision  
Making: A Review of  
Normalcy Bias**

**Speaker 2:**  
**Dr. Roy Joseph T.  
Trinidad, MD, MBA,**   
Head, Trauma Specialty  
Center, Western Visayas  
Medical Center, Iloilo,  
Philippines  
**Title: "Survival Medicine:  
Advanced Techniques for  
Wilderness First  
Responders"**

**Speaker 3:**  
**Dr. Robert  
J. Koester, PhD**   
dbs Production LLC -  
CEO, University of  
Portsmouth - Visiting  
Researcher  
**Title: "The Science of  
Data - based evidence in  
Lost Person Behavior"**

## SAR Technology

**Speaker 1:**  
**Associate Prof. Ts Dr.  
Safaa N Saud Al-Humairi**   
Professor, Management  
& Science University  
**Title: SkyCourier:  
Revolutionizing Search  
and Rescue with AI-  
Powered UAV Design**

**Speaker 2:**  
**Christophe Chinandard**   
Vice President Business  
Development Asia Pacific,  
Swissdrones, Switzerland  
**Title: "Unmanned  
helicopter system and its  
Search and Rescue  
application"**

**Speaker 3:**  
**Assistant Commissioner  
of Police Rasha Azaldin  
Shafi**   
Head of Drone Unit,  
Malaysia Police  
**Title: Revolutionising  
Drone Technology for  
SAR Operations: Royal  
Malaysia Police**



1230 - 1330

1330 - 1500

LUNCH BREAK | NETWORKING

PLENARY SESSION 2

## Maritime SAR

Speaker 1 :

Roland McKie



IMO Representative & SAR  
Advisor - International  
Maritime Rescue Federation  
(IMRF),  
United Kingdom

**Title: Autonomous and  
Remotely operated Ships  
and SAR**

Speaker 2 :

Vice Admiral Pradeep  
Chauhan IN (Retd)



Director General of National  
Maritime Foundation (India)

**Title: "Intersection of  
Technology and Maritime  
Search and Rescue"**

Speaker 3:

Capt. Subramaniam  
Karupiah



General Manager of Port  
Klang Authority

**Title: TBC**

## Land SAR

Speaker 1 :

Dr Ted Esquerra



EMS Physician, Philippines

**Title: "Beyond First  
Aid: Elevating Basic  
Life Support and Trauma  
Management in Land based  
Search & Rescue**

Speaker 2 :

Dr. Shalimar Abdullah

Associate Professor,  
Vice Prsident I  
Mercy Malaysia



**Title: "The humanitarian  
aspect of the medical  
response efforts in Gaza"**

Speaker 3 :

Blue Sky Rescue



**Title: TBC**

## SAR Technology

Speaker 1 :

Dr. Umar Nirmal

Assistance Professor, Faculty  
of Engineering & Technology,  
Multimedia University

**Title: Design and  
Development of an  
Unmanned - Water Rescue  
Boat using Natural Fibre  
Composites for Human  
Rescue Operations**



Speaker 2 :

Engr Anthony (Tony) Devino

Former Capt of United States  
Marine Corps - Pilot, Chief  
Operations Officer of My Wing In  
Ground (WIG)

**Title: "Effective use of Wing In  
Ground for SAR"**



Speaker 3 :

Mr. Doug Lothian

Zelim's Chief Technology  
Officer

**Title: ZOE: Intelligent  
Detection**



1500 - 1530

REFRESHMENT BREAK | NETWORKING




1530 - 1700

# PLENARY SESSION 3

## Aviation SAR

**Speaker 1:**  
**Patricia Q Austria**   
 Vice President, People's Air Cargo & Warehousing Co Inc, Philippines  
**Title: From Runway to Recovery Building Resilience in Airport Operations**


**Speaker 2:**   
**Lt Col. Murad bin Mahmud RMAF**  
 Royal Malaysian Air Force  
**Title: Enhancing SAR capabilities with RMAF's future drone operations**

**Speaker 3 :**  
**Capt. Esther Gayatri Saleh**  
 Experimental Test Pilot & Certified Flight Instructor  
**Title: "Precision in the Skies: Fixed-Wing Pilots' Contributions to Technological and Human Synergy in Crisis management"** 

## Maritime SAR

**Speaker 1:**  
**Commodore Anil Jai Singh, IN (Retd)**   
 Vice President of Indian Maritime Foundation (Delhi Branch)  
**Title: "Search and Rescue as a Capacity Building Measure, with special reference to India's SAR efforts"**


**Speaker 2 :**   
**Captain Martin Sebastian RMN (Rtd)**  
 Founder & Director for The Centre for Global Peace Solutions  
**Title: Waves of Rescue: Transforming Disaster Relief from the Ocean**

**Speaker 3:**  
**Commander Maritime Mohd Ardi Bin Mat Nawi**  
 Principal Assistant Director, Disaster Relief Subdivision - Malaysia Maritime Enforcement Agency   
**Title: Strengthen Maritime Search and Rescue Towards Global Cooperation**


## Land SAR


**Speaker 1 :**  
**Capt Prof. Madya Syed Nasir Alsagoff Bin Syed Zakaria (Rtd)**   
 Associate Professor, Faculty of Science & Technology, National Defence University of Malaysia  
**Title: "SARTAMS: Search and Rescue Tactical Management System"**

**Speaker 2:**  
**Liliane Fan**  
 Director and Co-Founder of Geutanyoë Foundation, Malaysia   
**Title: Protection vs Enforcement: Search and Rescue, Refugee Protection and Responsibility Sharing**

**Speaker 3:**  
**Moh. Barokna Haulah**  
 Deputy Head of Basarnas for Man Power Development   
**Title: "Building Resilience: Advancements in Urban Search and Rescue Operations in Southeast Asia"**

## SAR Technology

**Speaker 1:**  
**M.Sc Ernest Kapelj (Presentation By: Commodore Ramachandran IN (Retd))**   
 Boat Rescue System - Slovenia  
**Title: "Innovations in Boat Rescue: Enhancing Safety and Efficiency at Sea"**

**Speaker 2:**   
**Mr. Izhar Bahrin**  
 TM One Search and Rescue Advisor  
**Title: TBC**

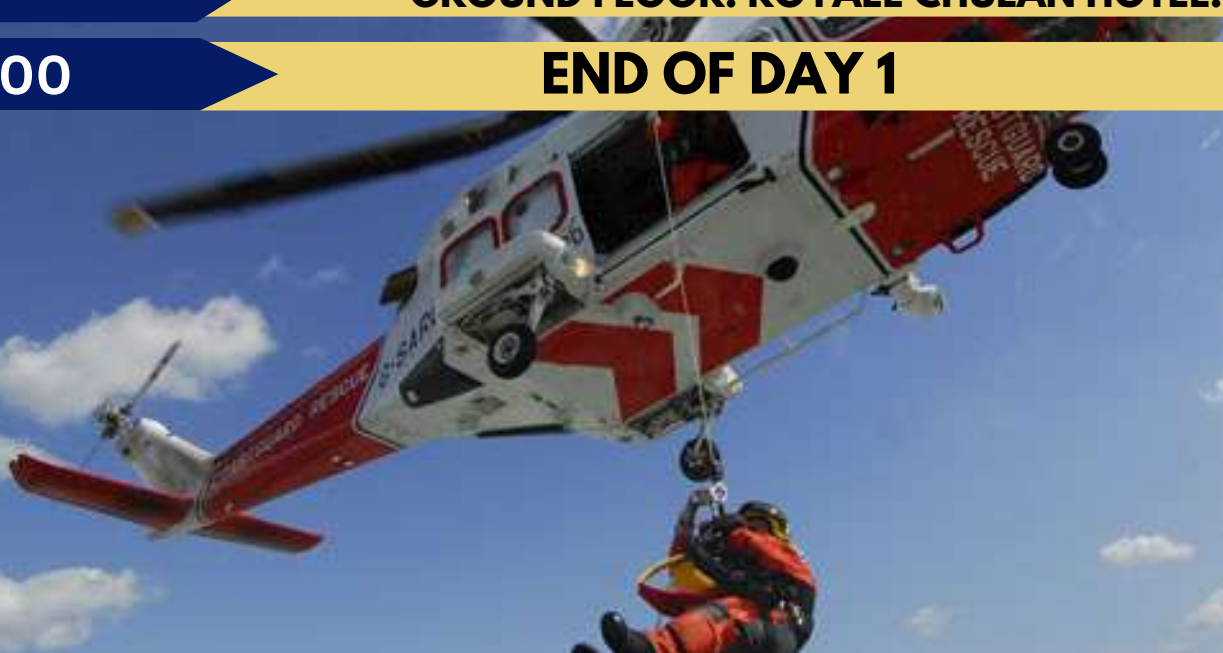
**Speaker 3:**   
**Arthur Barbier & Tanguy Le Coq**  
 Global SAR Hub, France  
**Title: "Global SAR Hub: Offering Innovative Solutions to facilitate Search and Rescue Worldwide"**

1700

**NETWORKING SESSION - HERITAGE CLUB, GROUND FLOOR. ROYALE CHULAN HOTEL.**

1900

**END OF DAY 1**



## 0900 - 1030

## PLENARY SESSION 4

### Aviation SAR

**Speaker 1:**  
**Capt Dong Enze**   
 China Rescue & Salvage, Ministry of Transport, China  
**Title: "Uniting Technology & Humanity: The role of Advanced Aircraft in Life - Saving Missions."**

**Speaker 2:**  
**Brig Jen Tan Chee Kee**   
 RMAF  
 Chief Air Accident Inspector, Air Accident Investigation Bureau  
**Title: TBC**

**Speaker 3:**   
**Blaine Alan Gibson**  
 Independent Researcher, United States of America  
**Title: "Exploring the search for Malaysian Airlines MH 370 and the quest for truth"**

### Maritime SAR

**Speaker 1:**   
**Mr. Nazery Khalid**  
 Adjunct Professor Faculty Ocean Engineering Technology & Informatics Universiti Malaysia Terengganu  
**Title: To Serve and to Protect : Application of Industry 4.0 in Maritime SAR**


**Speaker 2:**   
**Captain Mohd Reduan bin Ayob** RMN  
 Director of operations and Inter Agency Division, HQ Royal Malaysian Navy  
**Title: Royal Malaysian Navy in Search and Rescue Operations, Contributions and efforts in SAR Missions**

**Speaker 3:**   
**Zhang Rongjun**  
 Deputy Director General, Shanghai Salvage Bureau and APRC Director  
**Title: "Ways to establish efficient & effective national Search and Rescue System"**


### SAR Technology


**Speaker 1 :**   
**Commander Matthew Mitchell, USCG, Ret**  
 Focus Point International  
**Title: The future of Distress Notification: The Case for Public - Private Partnership**


**Speaker 2 :**   
**Mr. Layne Carter**  
 U.S. Coast Guard and Chief of SARSAT  
**Title: "Advancing SAR Operations: The impact of Cospas - Sarsat on Global Rescue Missions"**

**Speaker 3:**   
**Dr. Robert J. Koester**  
 db's Production LLC - CEO, University of Portsmouth - Visiting Researcher  
**Title: Locating aircraft using 406 Mhz , Radar Data and Cellphone forensics.**

### Medicine SAR

**Speaker 1 :**  
**Capt. Sivam Narayan**   
 Underwater Medicine, India  
**Title: TBC**

**Speaker 2 :**   
**Dr. Ted Esquerra**  
 EMS Physician, Philippines  
**Title: "From Chaos to Control: Mastering Mass Casualty Incident Management"**

**Speaker 3 :**   
**Rob Keating**  
 Critical Care Flight Paramedic, Search and Rescue Services Ltd. New Zealand  
**Title: Lives on the Line - Providing Critical Care in Helicopter SAR Emergencies**

## 1030 - 1100

## REFRESHMENT BREAK | NETWORKING

## 1100 - 1330

## PLENARY SESSION 5

### Aviation SAR

Colloquium Discussion  
 Roland McKie

### Maritime SAR

Colloquium Discussion  
 Vice Admiral Pradeep Chauhan

### SAR Technology

Colloquium Discussion  
 Dr. Robert J. Koester

### Medicine SAR

Colloquium Discussion  
 Dr. Ted Esquerra

## 1330 - 1400

## LUNCH BREAK | NETWORKING

## 1400 - 1600

## COLLOQUIUM PRESENTATION

## 1600 - 1630

## CLOSING CEREMONY

## 1630

## END OF DAY 2



# 10<sup>th</sup> International Search And Rescue Conference & Exhibition



## DAY THREE 11 SEPTEMBER 2024

0800 - 1300

VISIT TO MALAYSIAN SAR AGENCIES

### Visit to RMAF SUBANG

- Airbus A400 M
- Eurocopter H225M
- Beechcraft 200T



### Visit to MMEA SUBANG AIR BASE

- CL 415 Bombardier
- AS365 N3 DAUPHIN



### Visit to POLICE AIR WING

- AugustaWestland AW139
- Beechcraft King Air 350

