

ENHANCING THE CAPACITY

KUALA LUMPUR
**22 - 24
OCTOBER
2024**



5TH INTERNATIONAL FIRE CONFERENCE AND EXHIBITION MALAYSIA 2024

APPLIED FOR CCD/CPD

- MBOT
- CIDB

APPROVED CPD

- IFE: 9 Hours
- LAM: 8 Points
- BEM: 8 Hours



IFCEMTM

International Fire
Conference &
Exhibition Malaysia

Co-organised by :



CFPA-I
CONFEDERATION OF FIRE PROTECTION ASSOCIATION INTERNATIONAL

Supported by :



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International Fire Conference and Exhibition Malaysia (IFCEM) 2024

Enhancing the Capacity

As we navigate the post-pandemic era, emerging global issues compel us to strengthen our competence in fire safety. We need to collectively work together to manage our fire mitigation and emergency response systems. As we embrace sustainability, we must also leverage technology to improve our emergency response, validating the changes that we make through regular tests and practices.

Looking ahead, the next decade and beyond will introduce own sets of global challenges. The rising risk index driven by climate change, changes in human and social behaviour, the geological patterns of our planet, urbanization, industrialization, exposures to biological and chemical hazards will lead to complex emergency scenarios.

Considering these emerging challenges, there is a need to converge as a fire safety community to work together to find ways how to tackle these challenges. Through this synergy, resilient communities will be nurtured to protect precious lives and assets.

The emergence of "green buildings" has no doubt brought about enhanced efficiency, reduced energy, and water consumption. However, in the pursuit of sustainability, these buildings pose new fire hazards and fire safety challenges. A forthright assessment of whether energy-efficient natural ventilation systems adhere to smoke management requirements now needs to consider application of highly flammable and toxic properties of "green" building materials.

To mitigate risks to both consumers and emergency responders, inter collaborations between the industries are essential. Fire safety standards are to be upheld as we explore new frontiers in sustainable buildings, electric vehicle infrastructure and solar photovoltaic systems alike.

New problems require new way of thinking and working. To address the new fire hazards presented by the sustainability movement, we need to make use of technology to improve. Our aim is to reduce fire and disaster risk exposure through preventive and mitigation measure, at the same time enhancing our operational readiness and achieving shorter response times.

For instance, the integration of Internet of Things (IoT) sensors in our firefighting vehicles have proactively identified and rectified potential faults, minimizing downtime and prevented breakdowns. In another example, the implementation of automated stock accounting in fire stations' medical stores have streamlined the replenishment process for our ambulance supplies, ensured enhanced operational readiness for our paramedics. In other words, technological advancements must be harnessed to pave the way for a safer future.

The importance of research, all-encompassing testing, checking and thorough training and practice in managing these challenges and projected scenarios comes to the fore as it allows us to identify and address any gaps in our emergency response systems. By working closely with our stakeholders and partners, we can fine-tune our strategies, ensuring readiness upon the occurrence of incidents. Large-scale exercises, comprehensive planning and implementation of risk management coupled with community and inter-agency coordination and cooperation, will optimize our preparedness and yield results.

Realizing these pertinent needs, the Fire Rescue Department of Malaysia (FRDM), in collaboration with the Institution of Fire Engineers Malaysia (IFEM), the Confederation of Fire Protection Associations -International (CFPA-i), and the Malaysian Fire Protection Association (MFPA), proudly presents the International Fire Conference and Exhibition Malaysia (IFCEM) 2024. IFCEM 2024 serves as a regional conference and trade fair, bringing together professionals from the fire and rescue services, fire engineers, civil protection, safety, disaster management, consultants, manufacturers, suppliers, and other private sectors. It provides a platform for knowledge exchange, showcasing the latest global fire development, exploring innovative solutions to enhance our capacity in mitigating and responding to fire-related incidents.

This three-day momentous event will also host the 33rd International Fire Chiefs' Association of Asia (IFCAA) General Conference, participated by 27 Fire Chiefs, representing 19 countries across Asia and Oceania. IFCAA is an international organization founded in 1960 to foster amicable relations among fire chiefs in Asia and Oceania. Its mission is to promote the study of techniques and measures for fire protection, exchanging knowledge and information, to ultimately contribute to the overall development of fire services in Asian regions.

In addition to IFCAA, the Malaysia International Rescue Extrication Challenge (MIREC), will be held as well, bringing together rescue teams from around the world to compete in vehicle extrication techniques. It provides a platform for professionals to showcase their skills, exchange knowledge, and promote collaboration in rescue operations.

The International Fire Conference and Exhibition Malaysia (IFCEM) 2024 will serve as a vital platform for enhancing the capacity of the fire safety community. Through dissemination of knowledge and experiences, discussions, demonstrations, and collaborations, the event aims to foster innovation, knowledge exchange, adoption of new technologies to aid in navigating through the emerging challenges and opportunities in fire safety. Ultimately, creating a secure and more resilient future for all.



International Fire
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TENTATIVE PROGRAMME

INTERNATIONAL FIRE CONFERENCE AND EXHIBITION MALAYSIA (IFCEM) 2024
KUALA LUMPUR CONVENTION CENTRE (KLCC), KUALA LUMPUR

THEME : ENHANCING THE CAPACITY

DAY 1 - 22nd October 2024 (Tuesday)

0800-1000	Registration
1000-1030	Official Opening IFCAA General Conference, IFCEM and MIREC-IFCAA Joint Drill 2024
1030-1100	Press Conference / Networking Break
1100-1230	Exhibition Visit @Hall 1&2
1230-1400	Networking Lunch / Exhibition Visit @Hall 1&2
SESSION ONE THEME : SUSTAINABLE FIRE SAFETY	
1400-1410	Session Chairman: Dato' Sri Ts. Mohammad Hamdan bin Hj. Wahid <i>Former Director General Fire and Rescue Department of Malaysia</i>
1410-1430	Keynote One: YAS Dato' Ts. Nor Hisham bin Mohammad <i>Director General Fire and Rescue Department of Malaysia</i>
1430-1500	Paper One: Fire Risk Management or Regulation Compliance for Occupied Buildings? Mr. Tay Hao Giang CFIFireE <i>B.Sc. (Hons), M.Sc. Fire Safety Engineering Trustee and Director of Institution of Fire Engineers</i>
1500-1510	Q&A Session
1510-1540	Paper Two Taking fire Safety in Car Parks to a New Level Ms Fang Li <i>Research Scientist-Worcester Polytechnic Institute, USA</i>
1540-1550	Q&A Session
1550-1620	Networking Break / Exhibition Visit @Hall 1&2
1620-1650	Paper Three: Merdeka 118: Architecture Marvel and Redefining the Skyline Ar. Ahmad Farid Baharuddin <i>Director, RSP Architects Sdn. Bhd.</i>
1650-1700	Q&A Session
1700-1710	Conclusion and End of Session One

DAY 2 - 23rd October 2024 (Wednesday)

SESSION TWO THEME : RESILIENCE AND DISASTER PREPAREDNESS		SESSION THREE THEME: CROSS SECTOR COLLABORATION	
0900-0910	Session Chairman: Senior Assistant Commissioner Daniel Seet Deputy Commissioner of Operations & Resilience (O&R) Cluster <i>Singapore Civil Defence Force (SCDF)</i>	1400-1410	Session Chairman: Mr. Derek Armstrong Chan Deputy Director of Fire Services (Public Safety and Corporate Strategy) <i>Hong Kong Fire Services Department</i>
0910-0930	Keynote Two: Fire Chief Otto Drozd III Executive Secretary of Metropolitan Fire, NFPA Chiefs Association and International Association of Fire Chiefs, USA	1410-1430	Keynote Three: Mr. Chris Jelenewicz <i>Chief Executive Officer Society of Fire Protection Engineers, USA</i>
0930-1000	Paper Four: Disaster Risk Reduction in Jakarta. Challenges and Issues Dr. Danang I. Putra. Ph.D Deputy Director of Firefighting Affairs, Republic Indonesia	1430-1500	Paper Eight Tokyo Total Safety Management Japan
1000-1010	Q&A Session	1500-1510	Q&A Session
1010-1040	Paper Five: Fire Protection Solutions for Energy Storage Systems Dr. Jiang Fenghui, Ph.D. Eng Vice President, Chief Engineer for Asia Operations, FM Global	1510-1540	Paper Nine: Creating Resilient Communities in the Face of Manmade Disasters Lieutenant Colonel Abdullah bin Abu Bakar <i>Senior Assistant Director (Community Preparedness Branch) Singapore Civil Defence Force (SCDF)</i>
1040-1050	Q&A Session	1540-1550	Q&A Session
1050-1120	Networking Break / Exhibition Visit @Hall 1&2	1550-1620	Networking Break / Exhibition Visit @Hall 1&2
1120-1150	Paper Six: Solar and Energy Storage System Safety and Reliability Mr. Rob Liewellyn <i>Chairman of the Confederation of Fire Protection Association of Asia, Australia</i>	1620-1650	Paper Ten: Challenges in Managing Fire Safety in Sarawak. It's Perspective and Experience YS TPJB Datu Khirudin Drahman@Hussaini, <i>Director Fire Safety Division Fire and Rescue Department of Malaysia</i>
1150-1200	Q&A Session	1650-1700	Q&A Session
1200-1230	Paper Seven: Managing Natural Catastrophe: Malaysian Perspective Senior Supt. I Arjunaidi bin Ismail Senior Assistant Director Operation Section <i>National Disaster Management Agency of Malaysia (NADMA)</i>	1700-1710	Conclusion and End of Session Three
1230-1240	Q&A Session	2000-2200	Gala Dinner @Hall 5
1240-1250	Conclusion and End of Session Two		
1250-1400	Networking Lunch / Exhibition visit @Hall 1&2		

DAY 3 - 24th October 2024 (Thursday)

0900-1630	Exhibition Visit @Hall 1&2 (all participants) Technical Visit (for IFCAA delegates, session chairman, keynote speakers & speakers)
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CONFERENCE REGISTRATION FORM

REGISTRATION PARTICULARS

TITLE :	FIRST NAME :	LAST NAME :
EMAIL :	TYPE OF ORGANIZATION :	
ORGANIZATION :	DESIGNATION :	
NAME OF DEPARTMENT OF MINISTRY :		
COUNTRY :	STATE :	TELEPHONE :
FAX :	MOBILE :	MEMBERSHIP :
MEMBERSHIP NUMBER :		
REFERRAL NAME :	DEPARTMENT/STATE:	

I agree to the Term & Conditions

(Please write the above information clearly)

REGISTRATION FEE (CONFERENCE)

TWO-DAY FULL CONFERENCE

EARLY BIRD (UNTIL 31 MAY 2024)

Normal Conference Participation

USD 264.00 / RM 1,200.00

Members IFE / MFPA / IMDEMM

USD 220.00 / RM 1,000.00

Students /Lecturers (Limited 200 participants)

RM 300.00

NORMAL (1 JUNE - 21 OCTOBER 2024)

Normal Conference Participation

USD 330.00 / RM 1,500.00

Members IFE / MFPA / IMDEMM

USD 264.00 / RM 1,200.00

Students / Lecturers (Limited 200 participants)

RM 300.00



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**Please complete the registration form and send to:
Secretariat IFCEM 2024.**

Mailing address : Training Division, Level 3,
Headquarters, Fire & Rescue Department Malaysia,
Lebuhr Wawasan, Presint 7, 62250 Putrajaya Malaysia.
Tel : +603 - 8892 7600 ext 7633 / 7871
Email : ifcem@bomba.gov.my



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