

ENHANCING THE CAPACITY

KUALA LUMPUR
22 - 24
OCTOBER
2024



5th INTERNATIONAL FIRE CONFERENCE AND EXHIBITION MALAYSIA 2024

Applied for
CCD / CPD
CIDB, LAM,
BEM & IFE

Co-organised by :



CFPA-I
CONFEDERATION OF FIRE PROTECTION ASSOCIATIONS INTERNATIONAL

Supported by :



HRDCORP
HUMAN RESOURCE DEVELOPMENT CORPORATION

Sponsored by :

IFCAA
International Fire Chiefs' Association of Asia



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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.



CONFERENCE & EXHIBITION PROGRAMME

22nd – 24th October 2024 | Kuala Lumpur Convention Centre (KLCC)

DAY 1	SESSION ONE : Sustainable Fire Safety	22nd Oct 2024 (Tuesday)
1400 - 1410	Session Chairman Malaysia	
1410 - 1440	Keynote One Director General of Fire and Rescue Department Malaysia	
1440 - 1510	Paper One - Dealing with Fire of the Future United Kingdom	
1510 - 1525	Q&A Session	
1525 - 1555	Paper Two - Fire Risk Management or Regulation Compliance for Occupied Buildings? Malaysia	
1555 - 1610	Q&A Session	
1610 - 1640	Paper Three - Benefits of Artificial Intelligence (AI) to Optimize Fire Safety United States of America (USA)	
1640 - 1655	Q&A Session	
1700 - 1715	CONCLUSION AND END OF SESSION ONE	
DAY 2	SESSION TWO : Resilience and Disaster Preparedness	23rd Oct 2024 (Wednesday)
0900- 0910	Session Chairman Singapore	
0910 -0940	Keynote Two President of National Fire Protection Association (NFPA) United States of America (USA)	
0940 - 1020	Paper Four - Tokyo Total Safety Management Japan	
1020 - 1030	Q&A Session	
1030 - 1100	Paper Five - Managing Natural Catastrophe : Malaysian Perspective Malaysia	
1100 - 1110	Q&A Session	
1110 - 1140	Paper Six - Solar and Energy Storage System Safety and Reliability Australia	
1140 - 1150	Q&A Session	
1150 - 1220	Paper Seven - Small but Mighty: The Netherland's Leading role in Electric Vehicle Adoption Netherlands	
1220 - 1230	Q&A Session	
1230 - 1240	CONCLUSION AND END OF SESSION TWO	
DAY 2	SESSION THREE : Cross Sector Collaboration	23rd Oct 2024 (Wednesday)
1400 - 1430	Session Chairman Hong Kong	
1430 - 1500	Keynote Three President of International Fire Chiefs' Association of Asia (IFCAA) Japan	
1500 - 1530	Paper Eight - Electrical Vehicle (EV) Fires: A Global Problem That Demands a Collaboration Solutions United Kingdom	
1530 - 1545	Q&A Session	
1545 - 1615	Paper Nine - Benchmarking Fire Safety Malaysia	
1615 - 1630	Q&A Session	
1630 - 1700	Paper Ten : Creating Resilient Communities in the Face of Manmade Disasters Singapore	
1700 - 1715	Q&A Session	
1715 - 1730	CONCLUSION AND END OF SESSION THREE	

CONFERENCE REGISTRATION FORM

REGISTRATION PARTICULARS

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

I agree to the Term & Conditions

(Please write the above information clearly)

REGISTRATION FEE (CONFERENCE)

TWO-DAY FULL CONFERENCE

EARLY BIRD (BEFORE JUNE 2024)

Normal Conference Participation

USD 264.00 / RM1,200.00

Members IFE / MFPA / IMDEMM

USD 220.00 / RM1,000.00

Students / Lecturers (Limited 200 participants)

RM 300.00

AFTER JUNE 2024

Normal Conference Participation

USD 330.00 / RM1,500.00

Members IFE / MFPA / IMDEMM

USD 264.00 / RM1,200.00

Students / Lecturers (Limited 200 participants)

RM 300.00



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

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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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