



International Federation of  
Environmental Health

16<sup>th</sup> IFEH World Congress on  
Environmental Health

**WCEH**  
2022 Kuala Lumpur  
Malaysia



**Environmental  
Health Issues, Challenges  
and Sustainability:  
Covid-19 Pandemic**



23<sup>rd</sup>-25<sup>th</sup> August 2022



World Trade Centre, Kuala Lumpur



[www.wceh2022malaysia.com](http://www.wceh2022malaysia.com)

Organised by:



International Federation of  
Environmental Health



Malaysian Association of  
Environmental Health

Supported by:



MINISTRY OF HEALTH  
MALAYSIA



KUALA LUMPUR  
CITY HALL



MINISTRY OF TOURISM,  
ARTS AND CULTURE MALAYSIA

Meet in   
*Malaysia*  
BE Greater, Together.



# Message from the President of Malaysian Association of Environmental Health (MAEH)



Malaysian Association of  
Environmental Health

Dear Participants,

The Malaysian Association of Environmental Health (MAEH) would like to formally welcome each one of you to the 16<sup>th</sup> International Federation of Environmental Health (IFEH) World Congress 2022, in short WCEH 2022. We can't wait for the participation and positive response you will show to this congress.

MAEH is very honoured to be WCEH 2022's host. This will be the 2nd time Malaysia has had the privilege to host this reputable event since 1994. Our conference in 1994 was a huge success with no less than 1000 participants, 700 of which were from Malaysia. First and foremost, we look forward to all the different esteemed member organisations that are sending their representatives to attend WCEH 2022. Additionally, we urge those with an interest in environmental health topics to come and join as you will be able to learn and experience a lot through this congress.

We are hoping to have an estimated attendance of 800 EH practitioners, professionals, and academicians within the environmental health field from all over the world. We look forward to the time and opportunity to meet, connect and exchange pointers with one another. More importantly, we hope that through this event, you will create and grow friendships with others of similar interests from various places around the world.

Aside from the event, we also wish that you will take time to explore our beautiful country that is Malaysia. From its beautiful scenery to its iconic street food experience, we do hope that Malaysia can accommodate all your preferences. Through visiting and exploring Malaysia, we also hope for you to be able to see the effort MAEH has given to improving the environmental health in Malaysia.

We are also pleased to announce that MAEH will be offering a Spouse Tour for all the spouses of attendees. For a small sum, your spouses will be able to enjoy a tour of Malaysia and experience the different things our country has to offer. For more information on the spouse tour, you can head to our registration portal.

Above all, we are dedicated to deliver an unforgettable WCEH 2022 experience ensuring that all our participants will want to come back.

We hope you enjoy your time and stay in Malaysia.

Sincerely,

**Megat Azman Bin Megat Mokhtar**  
President  
Malaysia Association of Environmental Health (MAEH)





# Message from WCEH 2022 Organising Chairman

Dear Participants,

On behalf of the WCEH 2022 Organising Committee, we would like to formally welcome you to the 16<sup>th</sup> International Federation of Environmental Health (IFEH) World Congress 2022.

We as the organising committee are excited and honoured to welcome you all to this event. We hope for a positive response from organisations around the world and from people who are interested in environmental health topics.

MAEH is the association that represents Malaysia for environmental health ventures. Additionally, MAEH is one of the founding members of IFEH since 1985 and have been an affiliated member since then.

This will be the 2nd time Malaysia is given the honour to host this prestigious event after 28 years.

We are estimating an attendance of at least 800 participants within the environmental health field from all over the world. This will make WCEH 2022 a perfect place for you to foster friendships to grow and learn together.

We, the organising committee have put in a lot of effort to ensure that this congress will match the standards of the previous congresses. We promise that you will have a great time, not only attending the congress but having the opportunity to visit Malaysia.

Above all, we are dedicated to deliver a world-class WCEH 2022 Congress and ensuring all our participants go home happy and hungry for more.

So, come excited and with great expectation.. We look forward to seeing you in the congress.

Sincerely,



**Tee Eng Ong**  
Organising Chairman  
16<sup>th</sup> International Federation of Environmental Health (IFEH)  
World Congress 2022 (WCEH 2022)





# WCEH 2022

## Organising Committee List

- Organising Chairman** : Tee Eng Ong
- Co-Chairman** : Megat Azman Bin Megat Mokhtar
- Secretary** : Mohmad Puad Bin Ma'on  
Rudiaswady bin Abdul Rahim
- Treasurer** : YM Tengku Abdullah bin Tengku Amir Robiatul  
Munawwirah binti Ahmad
- Organising Committee** : Chandrakant Patel  
Dr Farah Ayuni binti Sahafea @ Shafie Mohamad  
Ridzuan bin Mohamad Salleh  
Wee Kong Heng  
Dr Subramaniam Karuppanan  
Veeramohan Supramaniam  
Muniandy M. Nathan  
Prof Dr Juliana binti Jalaludin  
Dr Mohamad Azhar bin Mohd Noor  
Dr Muhammad Amir bin Kamaluddin  
Assoc Prof Madya Dr Irniza bin Rasdi  
Azli Syam bin Mohd Anuar  
Mohd Razif bin Sarkam  
YM Raja Kamarul Abidin bin Raja Kamarul Zaman





# Programme at a glance

## Day 1 (Tuesday, 23<sup>rd</sup> August 2022)

Time	Lecture Hall A	Lecture Hall B
0700	Registration Starts	
0830 - 0930	Keynote Address	
0930 - 1000	Special Guest of Honor Welcome Speech	
1000 - 1100	Opening Ceremony	
1100 - 1130	<i>Tea Break, Poster Viewing &amp; Exhibition Booth Visit</i>	
	Tea Break A	Tea Break B
1130 - 1215	<b>Plenary 1</b> Climate Change & Environmental Health	
1215 - 1300	<b>Plenary 2</b> Built Environment	
1300 - 1400	<i>Lunch, Poster Viewing &amp; Exhibition Booth Visit</i>	
	Lunch A	Lunch B
1400 - 1500	<b>Symposia 1</b> Climate Change & Environmental Health Emerging & Re-emerging Infectious Diseases Related to Environment Pest & Vector Control	<b>Symposia 2</b> Built Environment, Child Environmental Health Occupational Health & Safety
1500 - 1530	<i>Tea Break, Poster Viewing &amp; Exhibition Booth Visit</i>	
	Tea Break C	Tea Break D
1530 - 1730	Research Paper Presentations 1	Research Paper Presentations 2
1730	Day 1 End	

**Legend**

- Combined lecture held @ Lecture Hall A
- Con-current Hall A
- Con-current Hall B
- Tea Break / Lunch



# Programme at a Glance

## Day 2 (Wednesday, 24<sup>th</sup> August 2022)

Time	Lecture Hall A	Lecture Hall B	Lecture Hall C
0700	Registration Starts		
0830 - 0900	<b>Plenary 3</b> Management of Hazardous Material		
0900 - 0930	<b>Plenary 4</b> Management of Hazardous Material		
0930 - 1030	<b>Symposia 3</b> Hazardous Material Toxic Waste Management & Sustainable Solid Waste Management	<b>Symposia 4</b> Green Technology Sustainability Research & Environmental Forensics	
1030 - 1100	<i>Tea Break, Poster Viewing &amp; Exhibition Booth Visit</i>		
	Tea Break E	Tea Break F	
1100 - 1300	<b>Symposia 5</b> Air Quality	<b>Symposia Malaysiana</b> Global Challenges & Strategies in Fighting COVID-19 from Local Perspective	IFEH Faculty Meeting
1030 - 1100	<i>Lunch, Poster Viewing &amp; Exhibition Booth Visit</i>		
	Tea Break C	Tea Break D	
1400 - 1500	Research Paper Presentations 3	Research Paper Presentations 4	
1500 - 1530	<i>Tea Break, Poster Viewing &amp; Exhibition Booth Visit</i>		
	Tea Break G	Tea Break H	
1400 - 1500	Research Paper Presentations 5	Research Paper Presentations 5	
1730	End of Day 2		
1830	Conference Dinner		

### Legend

- Combined lecture held @ Lecture Hall A
- Con-current Hall B
- Con-current Hall A
- Tea Break / Lunch



# Programme at a glance

## Day 3 (Thursday, 25<sup>th</sup> August 2022)

Time	Lecture Hall A	Lecture Hall B
0800	Registration Starts	
0830 - 0900	<b>Plenary 5</b> Strengthening Environmental Health Resilience to Pandemic COVID-19 and other emergencies	
0900 - 1030	<b>Symposia 6</b> Wastewater Management and Water Quality	<b>Symposia 7</b> Food Safety & Hygiene
1030 - 1100	<i>Tea Break, Poster Viewing &amp; Exhibition Booth Visit</i>	
	Tea Break A	Tea Break B
1100 - 1230	WCEH 2022 Panel Discussion	
1230 - 1330	Closing Ceremony	
1330 - 1430	Lunch	
1430	End of Day 3	

### Legend

-  Combined lecture held @ Lecture Hall A
-  Con-current Hall B
-  Con-current Hall A
-  Tea Break / Lunch





## Registration Schedule

### Early Bird (Until 15<sup>th</sup> July 2022 by 23:59PM GMT +8)

#### Rate

#### Local Delegates

MAEH Member	MYR	850
Non MAEH Member	MYR	1,060
Student	MYR	530

#### International Delegates

Developed Countries Rate – Affiliated with IFEH	USD	640
Non-Developed Countries Rate - Affiliated with IFEH	USD	590
Developed Countries - Normal Rate	USD	850
Non-Developed Countries - Normal Rate	USD	690
Student	USD	250

### Post Early Bird (Effective from 16<sup>th</sup> July 2022)

#### Rate

#### Local Delegates

MAEH Member	MYR	960
Non MAEH Member	MYR	1,170
Student	MYR	590

#### International Delegates

Developed Countries Rate – Affiliated with IFEH	USD	690
Non-Developed Countries Rate - Affiliated with IFEH	USD	640
Developed Countries - Normal Rate	USD	900
Non-Developed Countries - Normal Rate	USD	750
Student	USD	300

\* Disclaimer: The above registration fees are inclusive of Malaysian Government Taxes (if any).



Register at  
<https://www.wceh2022malaysia.com/>

or  
email to:



[register@wceh2022malaysia.com](mailto:register@wceh2022malaysia.com)  
should you have any enquires





## Call for Abstract



The scientific committee welcomes the submission of scientific abstracts. Authors are invited to submit abstracts in the following areas of interest:

### Discipline Covered

- Air Quality
- Built Environment
- Child Environmental Health
- Climate Change and Environmental Health
- Emerging and Reemerging Infectious Diseases Related to Environment
- Environmental Forensics
- Food Safety and Hygiene
- Green Technology and Sustainability Research
- Hazardous Materials/Toxic Waste Management
- Occupational Health and Safety
- Pest and Vector Control
- Sustainable Solid Waste Management
- Waste Water Management
- Water Quality

Abstract submitters may select your preferred final presentation format: -

- Oral presentation
- E-poster presentation

There is no limit to the number of abstracts you may submit, but you may not submit on the same study/data set to be presented in one or more format as mentioned above. All abstracts will be reviewed by the Scientific Committee. The committee reserves the right to select the abstracts relevant to the sessions and must decide on the final form of presentation.





# Call for Abstract (continue)



## Abstract Submission Guidelines

- To submit your abstract, click to register an account before you proceed to submit your abstracts.
- Please specify the abstract title. The title must begin with "capitalised each word".
- Use capital and lower-case letters as appropriate for abbreviations in title (e.g: CSP).
- The title is limited to a maximum of 750 characters.

Please provide the date of the co-authors (name, affiliations). Ensure that all author information is included and entered correctly. Please provide the abstract body text. The abstract body is limited to a maximum of 300 words which is approximately 1600 characters.

Depending on whether your abstract is a Research based abstract or a Case Report, the body follows the following format.

## Research Format Case Report Format

- Purpose Introduction
- Materials and Methods N/A
- Results Report
- Conclusion
- Ensure that all changes, corrections, and proofreading have been carried out before submission.

## Disclaimer

The organisers of this event and MAEH take no responsibility for any published abstracts submitted. Any issues or errors arising from the abstracts are solely the responsibility of the authors. By submitting his/her/their work, the Author(s) consent to the publication of the abstracts and transfer and assign to the Congress and MAEH the rights to edit, publish, reproduce, distribute copies and to prepare derivative works such as press releases. Author(s) represent and warrants that he/she/they is/are sole author(s) of the work and that all authors have participated in and agree with the content and conclusions of the work; and that the work is original and does not infringe upon any copyright, proprietary or personal right of any third party. If the work is not original, the Author(s) should reference the original source and ensure all relevant permission and/or authorisation to re-use has been obtained.

### Share Your Research

- Abstract Submission Opens
- Abstract Submission Closes
- Author Notification Of Acceptance
- Deadline for successful abstract submitters to pay for conference registration

### Opened

**8<sup>th</sup> July 2022, 23:59 HRS (GMT+8)**

**14<sup>th</sup> July 2022**

**23<sup>rd</sup> July 2022, 23:59 HRS (GMT+8)**



For more information, please email  
WCEH 2022 Abstract Secretariat:



[scientific@wceh2022malaysia.com](mailto:scientific@wceh2022malaysia.com)