

SUSTAINABLE HOTELS: THE HOW OF ACHIEVING THE UN 17 SDG & CLIMATE CHANGE, CIRCULAR ECONOMY, SUSTAINABILITY, WATER & FOOD SECURITY



GBI CPD
Credits
Applied

Date: 18 - 20 November 2022



Cottage by the Sea (by Frangipani) Langkawi Island, Kedah, Malaysia

Organiser:



Co-Organiser:



Sponsorship:



(Tourism Malaysia)

Supported by:



Background of Conference

We have been organizing Conferences on Sustainability and Environment for the last 14 years in Langkawi since setting up the Frangipani Resort on this beautiful island of Langkawi, Malaysia.

Our resort is recognized as the most sustainable star rated in ASEAN with over 200 ways to save using science, architecture, technology, bioengineering, natural sciences, innovation and continuous research. We have used the ASEAN Green hotel standard and United Nation (UN) 17 Sustainable Development Goals (SGD) as guide lines and able to fulfill all its criteria. This year we have 2 UN speakers on Climate Change and on Economic Sustainability.

The goal is to share the best practices in Sustainability and to show going green is a more profitable business in the long term. Conference is a way for capacity building, sharing locally and globally. Our organizing partner, Malaysian Green Building Council (malaysiaGBC) is a key player in promoting sustainability in the building industry.

Conference Schedule

Day 1

18 November 2022

Moderator: Datuk Seri Mirza Mohammad Taiyab Beg

- 8.30 am : Registration
- 9.00 am - 9.05 am : **Speech by Organizing Chairman**
by Adj Prof Anthony Wong Kim Hooi
- 9.05 am - 9.10 am : **Speech by Co-Organizer**
from Malaysia Green Building Council (malaysiaGBC)
- 9.10 am - 9.25 am : **Speech by UN rep**
by UNDP Niloy Banerjee
- 9.25 am - 9.40 am : **Welcome & Opening Speech**
by YB Dato' Sri Hajah Nancy Shukri, Minister of Tourism, Arts and Culture Malaysia (TBC)
- 9.40 am - 10.10 am : **Press Conference**
- 10.10 am - 10.30 am : **Tea break**
- 10.30 am - 10.40 am : **Speech by CEO LADA**
by YBrs. Tuan Nasaruddin bin Abdul Muttalib
- 10.40 am - 11.00 am : **Speaker from Okinawa, Japan**
by President Rika (Riga) Hiraki from Cultivate Inc.
- 11.00 am - 11.20 am : **Designing a Sustainable Green Resort**
by Peter ARYA (Made Sidartha Arya), the Director of Legian Beach Hotel Group (Legian Beach Hotel, Candi Beach Resort & Spa, Maya Ubud Resort & Spa, Maya Sanur Resort & Spa) from Bali
- 11.20 am - 11.40 pm : **Green Hotel Practices**
by Markeswaran Suppiah from Dara Samui Beach Resort, Thailand
- 11.40 pm - 12.00 pm : **Borneo Rainforest Lodge, Danum Valley Conservation Area - Sustainable Design/Set up & Practices**
by George Hong, the Managing Director of Innoprise Jungle Lodge Sdn Bhd (Owner and operator of Borneo Rainforest Lodge)
- 12.00 pm - 12.10 pm : **Earth's Fresh Water**
by Excellency Pu'u'honua D.K.B Kanahele from Hawaii
- 12.10 pm - 12.30 pm : **Food Security In The Light Of Climate Change**
by Harry Paulino Jr. from the Crowns Land Farm from Cebu Island
- 12.30 pm - 2.00 pm : **Lunch break**
- 2.00 pm - 2.15 pm : **Sustainable Tourism Index for Destinations**
by Associate Prof. Dr. S. Mostafa Rasoolimanesh (Taylor's University)
- 2.15 pm - 2.30 pm : **Sea Level Rise & Beach Erosion Mitigation**
by Dr. Minhaz Farid Ahmed from UKM (National University - Multi Discipline)
- 2.30 pm - 2.45 pm : **Energy Management Implementation Framework: Case of UUM Towards Green Campus Initiatives**
by Assoc. Prof. Ts Dr. Mohamad Ghazali Hassan from UUM (Northern University)
- 2.45 pm - 3.00 pm : **ICEV, Hybrid or EV? How do they line up in their pursuit towards a greener earth?**
by Dr. Tan Chia Kwang, senior lecturer, UM Power Energy Dedicated Advanced Center (UMPEDAC), University of Malaya (UM)
- 3.00 pm - 3.15 pm : **A Green Campus - Eco Campus Initiatives of Mahatma Gandhi University**
by Dr. Toney K. Thomas, Director, School of Tourism Studies, Mahatma Gandhi University, Kerala, India
- 3.15 pm - 3.30 pm : **Circular Economy Through Permaculture Practices for Sustainable Tourism. An Island Tourism Lodge Experience**
by Dr. Siow May Ling, Ph.D, PMP Faculty of Design and Architecture, UPM (University of Putra Malaysia)
- 3.30 pm - 3.45 pm : **Solar Installation for Hotel Industry**
by Dato' (Dr.) Ir. Muhamad Guntor Mansor Tobeng, Managing Director of Gading Kencana Sdn Bhd
- 3.45 pm - 4.00 pm : **Panel discussion**
Rapporteur: Prof Dato' ChM Dr. Mazlin bin Mokhtar
- 4.00 pm - 4.15 pm : **Conclusion by Rapporteur**
- 4.15 pm - 4.30 pm : **Tea break**
- 7.00 pm - 8.00 pm : **Organic Dinner/ BBQ Dinner Hosted by Tourism Malaysia**

Topic: Sustainable Hotel Circular Economy = More Savings in Water, Energy, Food, Recycle, Mechanize = Better Productivity, More Profit & Reducing CO2 Emission

A research found that the hotel industry needs to reduce its carbon emissions by 66% per room by 2030, and by 90% per room by 2050 to ensure that the growth forecast for the industry does not lead to a corresponding increase in carbon emissions.

Moderator: Datuk Seri Mirza Mohammad Taiyab Beg

Conference Schedule

- 7.30 am - 8.15 am : Yoga Session (optional)**
- 9.00 am - 9.15 am : The Importance of Tourism as an Economic Factor in Malaysia and The Need to Make it More Sustainable**
by YBhg. Datuk Hajah Saraya binti Arbi, Secretary General of Ministry of Tourism, Arts and Culture Malaysia
- 9.15 am - 9.35 am : Speech by UN Economic Sustainability**
by Prof. Dato Dr Woo Wing Thye, The Vice-President for Asia at UN Sustainable Development Solutions Network (SDSN)
- 9.35 am - 9.55 am : The Role of Green Building on Climate Change**
by Ir Ahmad Izdihar bin Supaat from Malaysia Green Building Council
- 9.55 am - 10.10 am : Increasing Productivity Through Technology, Mechanization, Multi Tasking and Mind Set Change**
by Dr. Mohamad Norjayadi Tamam from Malaysia Productivity Corporation
- 10.10 am - 11.30 am : Eco Walk - 50 Ways To Save Out Of Over 200 Ways**
(Using Science, Architecture, Bioengineering, Innovation, Natural Sciences & Mind Set Change on Making the Most Sustainable Star Rated Resort in ASEAN)
- 11.30 am - 12.00 pm : Tea break**
- 12.00 pm - 12.20 pm : Discussion on the Eco-Walk**
by Adj Prof Anthony Wong Kim Hooi
- 12.20 pm - 1.00 pm : Presentation by each of hotel department on savings**
Maintenance, Security, House Keeping, Food & Beverages, Kitchen, Front Office, Landscape, Sales & Marketing, Human Resources, Accounts, Environment, Resort Manager
- 1.00 pm - 2.00 pm : Lunch break**
- 2.00 pm - 2.30 pm : Malaysia Carbon Score (MCS) on Material & Circularity**
by Malaysia Green Building Council (malaysiaGBC)
- 2.30 pm - 3.00 pm : How to start the sustainable journey - road map**
by Adj. Prof Anthony Wong Kim Hooi
- 3.00 pm - 4.00 pm : Workshop**
Each table maximum of 8 persons. Discussion on how and what can be used back home at own department or company. Saving 10-20% operating cost is possible in a sustainable green hotel
- 4.00 pm - 4.15 pm : Tea break**
- 4.15 pm - 6.00 pm : Presentation by each group**
- 7.00 pm - 8.00 pm : Organic Dinner**

Sustainable Hotels

Day 3
20 November 2022

Topic: Addressing Water & Food Security

Under the 12th Malaysia Plan (2021-2025). Build constructed wetland (CW) to treat wastewater and water collected in retention ponds. Build an integrated wastewater treatment plant in newly establish eco-industrial park

A water-secure world uses the productive power of water and reduces its destructive impacts. It is a world where everyone has safe, affordable, clean water to live a healthy and productive life. It is a world where communities are protected from floods, droughts, landslides, erosion and water-borne diseases.

Food security means that all people, at all times, have physical, social and economic access to sufficient, safe and nutritious food that meets their food preferences and dietary needs for an active and healthy life.

Moderator: Datuk Seri Mirza Mohammad Taiyab Beg

Conference Schedule

7.30 am - 8.15 am : **Yoga Session (optional)**

9.00 am - 10.30 am : **Water**

(Constructed Wetland - Turning polluted water to class 1 drinking standard in 4 days by microbes & plants. Fastest most efficient system, all natural. A system we developed over 30 years of research).

10.30 am - 11.10 am : **Coastal Reservoir & Constructed Wetland In Pantai Tengah, Langkawi**

by Ir Lim Sin Poh of Global Water Consultants Sdn Bhd

11.10 am - 11.30 am : **Tea break**

11.30 am - 11.50 am : **Food Security**

by Dr Anizan Isahak, Treasurer for SRI-Mas (Agroecology for food Security)

11.50 am - 1.00 pm : **Integrated Natural Organic Farming or Agroecology or Permaculture.**

We have been Organic Farming for 16 years

by Adj Prof Anthony Wong Kim Hooi

1.00 pm - 2.00 pm : **Lunch**

2.00 pm - 4.00 pm : **A quick overview in natural farming, permaculture and agroecology**

a) Composting and 18 days composting

b) Bio-char (bio-char is a form of charcoal that has high carbon content and is being widely used in agriculture. Biochar consists of a highly connected, porous network, where 1g of well-made biochar can be equivalent to over 400 cubic meters, about half an acre. Biochar can help in reducing soil acidity, retaining water and nutrients, removing unwanted contaminants and providing home for beneficial soil biology to thrive).

c) Bio-pesticide - all from nature

d) Black Soldier Fly - alternative protein source for animal feed

e) Aquaculture - Reduce fish by 50% or more

f) Poultry - Breeding with 50% or up to zero animal feed

g) Food security - natural farming

3.30 pm - 4.00 pm : **Tea break at farm school**

4.00 pm - 5.00 pm : **Engaging with local NGO**

a) *Community Based Tourism: An NGO Initiative to Improve the Economic Contribution to the Local Economy, The Tuba Island Experience* by Mohd Rosly Selamat (Friends of Langkawi Geopark (FLAG))

b) *SRI-Mas: networking and advocacy for agroecology* by Dr Anni Mitin Vice president SRI-Mas (Malaysian Agroecology Society SRI-Mas)

c) *Trash Heroes* by Puan Zuraidah Zainal Abidin

d) *Rotary Club of Langkawi* by David B Bradley

5.00 pm - 5.20 pm : **Sustainability Report in Public Listed Company**

by Charles Duncan, Head: Damansara Damai Projects, MK Land Holdings BHD

5.20 pm - 6.00 pm : **Achieving UN 17 SDG**

Sustainable hotels are more profitable as able to save water, energy, food, recycle and using technology. Thus, adapt and mitigate climate change and achieve the UN 17 SDG

7.00 pm - 8.00 pm : **Organic Dinner**

Registration Fees

The fees are for full board, including of accommodation, breakfast, 2 tea breaks, lunch and dinner.

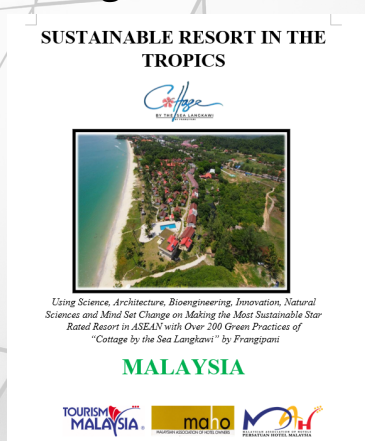
	Deluxe		Garden	
	Single	Twin	Single	Twin
3 Nights	RM 1,650.00 US \$ 405 Code: SH1	RM 1,200.00 US \$ 295 Code: SH2	RM 1,980.00 US \$ 485 Code: SH3	RM 1,485.00 US \$ 365 Code: SH4
2 Nights	RM 1,100.00 US \$ 271 Code: SH5	RM 800.00 US \$ 198 Code: SH6	RM 1,320.00 US \$ 325 Code: SH7	RM 990.00 US \$ 244 Code: SH8
1 Night	RM 550.00 US \$ 137 Code: SH9	RM 400.00 US \$ 100 Code: SH10	RM 660.00 US \$ 164 Code: SH11	RM 495.00 US \$ 123 Code: SH12

However, if you wish to only attend the conference for 3 days without staying with Cottage by the Sea Langkawi by Frangipani, the conference fee is:

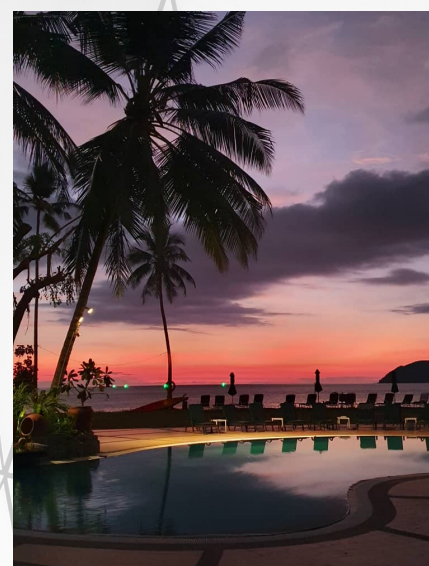
Conference Fee (for 3 days,
including 2 tea breaks, lunch
and dinner without
accommodation)

RM 850.00
US \$ 210
Code: SH13

All participants will get a softcopy of our Green Book practices for free, if participants prefer to have a hardcopy book, the price is RM 225/ US \$50 (please remark your choice in the registration form)



Front page of the Green Book



Registration Fees

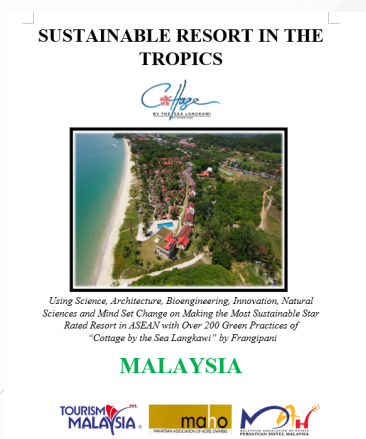
Attention, if you are malaysiaGBC, Malaysian Association of Hotel Owners (MAHO), Green Building Index (GBI), Malaysian Association of Hotels (MAH), Malaysia Budget & Business Hotel Association (Mybha), Natural Farming Association Malaysia (NFAM), Organic Alliance Malaysia (OAM) and SRI-Mas members, you are entitled for 20% discount, as attached below. Please provide your membership number during the registration, for you to entitled the price as attached below:

	Deluxe		Garden	
	Single	Twin	Single	Twin
3 Nights	RM 1,320.00	RM 960.00	RM 1,584.00	RM 1,188.00
	US \$ 324	US \$ 237	US \$ 390	US \$ 293
	Code: SH14	Code: SH15	Code: SH16	Code: SH17
2 Nights	RM 880.00	RM 640.00	RM 1,056.00	RM 792.00
	US \$ 217	US \$ 160	US \$ 300	US \$ 200
	Code: SH18	Code: SH19	Code: SH20	Code: SH21
1 Night	RM 440.00	RM 320.00	RM 528.00	RM 396.00
	US \$ 110	US \$ 81	US \$ 131	US \$ 100
	Code: SH22	Code: SH23	Code: SH24	Code: SH25

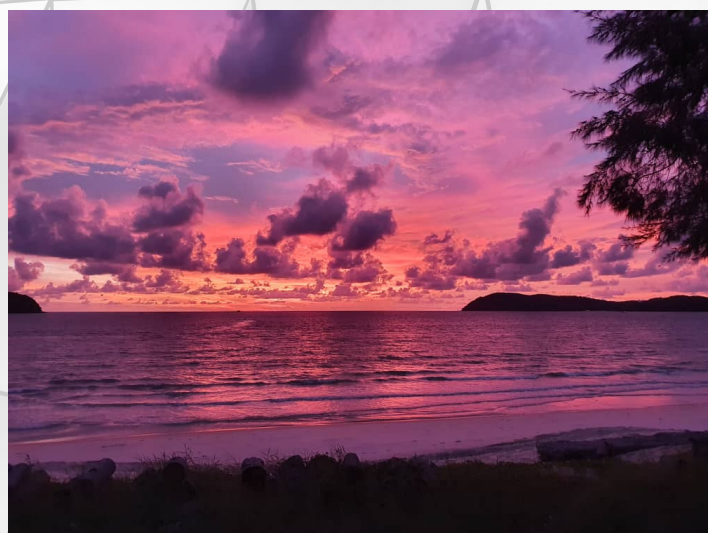
Conference Fee (for 3 days, including 2 tea breaks, lunch and dinner without accommodation)

RM 680.00
US \$ 168
Code: SH26

For supporting members, all will get the softcopy of our Green Book for free. If participants prefer to have a hardcopy book, the price is RM 112.50/ US \$25 (please remark your choice in the registration form)



Front page of the Green Book



For whoever interested in joining this conference on online platform (Zoom) the fee is RM 450/ US \$100. You will get the softcopy of our Green Book practices. Please put the reference when you made the payment as OLSH27.

Payment Details

Payable to : Cottage by The Sea Langkawi
Account No. : 0460 0229 799
Bank : Hong Leong Bank
Swift Code : HLBBMYKLXXX

***Please kindly put reference as Sustainable Hotel, Code. For example, Sustainable Hotel, SH26**

Registration Form Link

Please kindly fill in the registration form, and complete the payment based on chosen categories to confirm your registration

<https://forms.gle/KofgaWhWQHkv3iHSA>

For more information, please contact:

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