

Content

DRC's Message -----	1
RMCR's Message -----	2
Myanmar Section - <i>A Vehicle for Positive Change in the Myanmar Engineering Community</i> -----	3
Chapter Technology Transfer Update -----	4
Membership Promotion Update -----	5
Research Promotion Update-----	6
Networking with Sports - New Tread for Young Engineer-----	7
2020 Winter Conference and AHR Expo, Orlando, USA -----	8
16th APCBE - Net Zero Strategies for Existing Buildings -----	9

DRC's Message



Towards the end of January 2020, just right before the Chinese Lunar New Year, the world was shocked by a world changing event of monumental proportion related to the outbreak of coronavirus disease 2019 (COVID-19) that has spread around the world causing everything to halt including business, economy, travel, education, industrial factories and etc.

This unprecedented human changing event has caught the civilized world totally off-guard with no one knowing what to expect, how to handle and how to contain this rapid dissemination of the COVID-19 pandemic which has infected more than 6.6 million people worldwide in just a short span of four (4) months.

Most countries in Asia have been put under lockdown in an effort to stem the spread of COVID-19. However, the impact on ASHRAE activities were quite severe as all of us could no longer travel for ASHRAE meetings in other countries within the Region as many international and domestic flights have been grounded because of this COVID-19 pandemic crisis.

This situation has ultimately affected our Region XIII's major events i.e. RPM and CRC-2020. To overcome this, we in Region XIII has unanimously decided to do away with our traditional physical face-to-face contact meeting for a Virtual Tele Conference instead.

The major conferences affected are as follows:-

1. Annual meeting at Society has been cancelled and changed to a Virtual Tele Conference and Virtual Work Shop Online instead.
2. RPM meeting which was held on 6th and 7th June 2020 in Tokyo has to be postponed to 2021. RPM-2 continued to be held on 6th June 2020 via a Virtual Platform.
3. CRC-2020, which was originally to be held on 21st to 23rd August 2020 in Jakarta, Indonesia will now be postponed by another year to 2021. CRC-2020 will continue to be held on 22nd August 2020 via a Virtual Platform.
4. CRC in Tokyo, Japan will now be held in 2022 instead of 2021 to avoid a clash of dates with the Olympics Tokyo in 2021.

Society also set up the COVID-19 pandemic preparedness resource task force lead by Prof. William P. Bahnfleth. For more information on ASHRAE Positioning Documents on Infectious Aerosols, please visit www.ashrae.org. There are a lot of ASHRAE Resources Available to Address COVID-19 concerns.

During this pandemic crisis of COVID-19, the priority is to stay safe and taking care of yourself, your friends, and your family. We shall meet again after all events return to normal.

Dr. Apichit Lumlertpongpana
 Director and Regional Chair (2019-22)
 ASHRAE Region XIII



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Regional Newsletter Editor (2019-22):
 Chun-Sing Wong

[email: cswong.ashrae@gmail.com]

RMCR's Message

Dear ASHRAE members,

Who is Robert Hu? I believe most of the senior regional officers are well familiar with Robert and always enjoy being with him for his modest personality and selfless contribution to our ASHRAE community. Our regional young generation may not have such chance to know him, but definitely being influenced by the model and legacy that Robert passed on to our region.

Sadly yet happy to say that our past DRC Robert Hu has completed his service in the secular world (1957 - 2020) and peacefully resting in the Heaven now.

One page of wording surely not enough to demonstrate his lifetime, but abstract some of his footprint to memorize his achievement.

Dr. Hu has engaged in the industry of HVAC&R for 30 years, including lecturing, R&D and management. 1989 graduated from University of Illinois at Chicago as Ph. D., Mechanical Engineering. 1990 starting his 30 years career in ITRI (Industrial Technology Research Institute) from researcher all the way up to the General Director of Green Energy & Environment Research Labs, and General Director of Strategic Development. Dr. Hu also contributed his enthusiasm to the organization and academia such as APEC, BOE, TABC, AAPT, TLLIA, BSMI, TPVIA, ZEBTA, TWNWEA and TKU, YZU, NTUT, NCUT.

Dr. Hu joined ASHRAE in 1992 actively involved and interacted with the organization and he was the Taiwan Chapter President (2000-01), RVC-MP (2003-06), Fellow (2004), DRC (2007-10)

Award received: ITRI Award for anti-SARS, ASHRAE ESA, RD100, 5th NIIA, Edison Medal, ANZCham Business Awards.

“Do What is Meaningful, Live a Life that is Different”



Bill Wang
Region Member Council Representative (2019-22)
ASHRAE Region XIII

Myanmar Section:

A Vehicle for Positive Change in the Myanmar Engineering Community

As Myanmar embrace the world in its opening since political reform in 2012-2013 and its first election in 2015, many unprecedented changes have been occurring in Myanmar. Its land scape is now marked with new high rising buildings and shopping malls, with many projects are in the pipe line for both commercial and industrial estates, and new players venturing in to ride on this wave.

Our historic moment was highlighted when we had our first EXCO elected on 08th Sept 2019, at DNSY building as our official registered address.

The honourable exco members are:

- President: Mr. Shwe Yu Kyaw
- Vice President: Mr. Khin Muang Lin
- Secretary: Mr. Ye Linn
- Treasurer: Mr. Soe Naing Win
- Student chair: Mr. Tin Oo



Stepping forward, our goals are:

- We will promote HVAC as just not an afterthought for building systems by many owners, but as a significant part of the design process and a great area to look into for energy efficiency and long-term cost savings opportunities.
- We aim to be a credible resource for HVAC in Myanmar by providing resources such as informational seminars, access to relevant technical literature (e.g. standards, guidelines, research reports, conference proceedings), and discussion forums. Uniquely, we can increase our audience visibility by translating information into Burmese and holding events in both English and Burmese.
- We will promote the art of HVAC in Myanmar by means such as introducing local university students to the numerous opportunities in the field and promoting ASHRAE membership with youth activities such as YEA, thus helping to grow the future HVAC community. In the same vein, we hope to strongly connect the existing community by creating many networking opportunities via ASHRAE Myanmar. We can also promote/announce ASHRAE opportunities such as international conferences and youth scholarships.



In light of recent circumstances, HVAC as a general public health and safety issue in Myanmar is also a growing point of discussion. ASHRAE Myanmar could contribute positively to the conversation. Our next up coming plan is to host several on line webinars via ZOOM or similar platform such as Go-to-meeting.

We might acknowledge that this is an inherently difficult endeavor for many reasons, but one that is worth pursuing anyway. We should also express our gratitude to ASHRAE Singapore for their generous support along the way.

Reported by ASHRAE Myanmar Section

Chapter Technology Transfer Update



Reported by
Jerry R. Huang
RVC for CTT

Congratulations to Japan, Macao and Hong Kong Chapters which have won the 2020 Technology Awards that recognize outstanding achievements by members who have successfully applied innovative building design in the areas of occupant comfort, indoor air quality and energy conservation. These projects will be published in issues of *ASHRAE Journal* and *High Performing Buildings* magazine.



Category	Commercial Buildings (New)		Institutional Buildings - Other Institutional (Existing)
Chapter	Japan Chapter	Macao Chapter	Hong Kong Chapter
Owner	Shogakukan Inc.	MGM Grand Paradise Ltd.	The Hong Kong Jockey Club
Building / Project Name	Shogakukan Building	MGM COTAI	Implementation of District Cooling System for Stables Compound and Adjacent Buildings in Sha Tin Racecourse
Building / Project Photo			
Award	First Place Winner and Award of Engineering Excellence	Honorable Mention	Honorable Mention

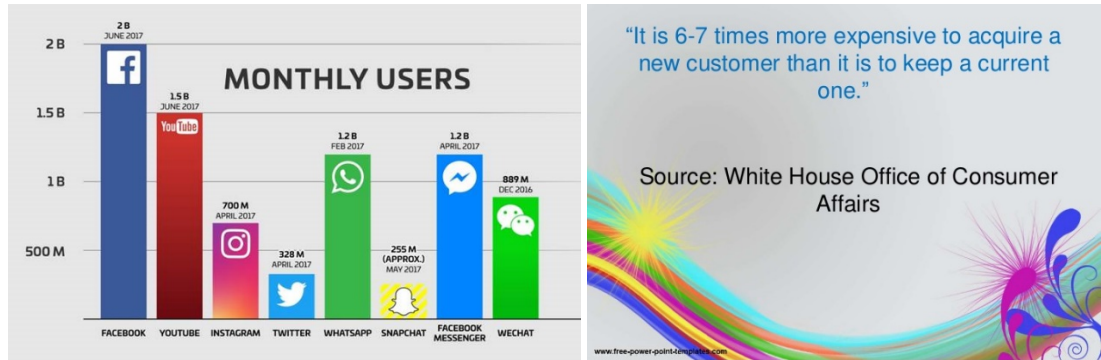
Membership Promotion Update



Reported by
Henry Yeo
RVC for MP

ASHRAE RXIII Membership Promotion activities during Covid 19 and beyond...

By going online and using social medias with adopting new meeting platforms to keep connected and socialize...with ASHRAE members and link up with HVACR professionals.



"It is 6-7 times more expensive to acquire a new customer than it is to keep a current one."

Source: White House Office of Consumer Affairs

We should focus of keeping our members happy and informing them about the values ASHRAE provides like Free Webinars, upgrading courses, discounts on handbooks and publications, etc...

MP resources links:-

WEBSITES

- MP Training Central
▪ www.mptraining.weebly.com
- ASHRAE
▪ www.ashrae.org
- Facebook
▪ www.facebook.com/ashraemp?fref=ts
- ASHRAE Marketing Central
▪ www.ashrae.org/marketing



REMEMBER THIS ONE!!
TONS OF USEFUL MP
RESOURCES!!!

MP REPORTS
FOUND HERE!!

Changes in PAOE awards for MP Chairs:-

PAOE AWARDS

- Blue Ribbon Award**
 - Chapter with highest MP PAOE points in the region
- Red Ribbon Award**
 - Chapter with second highest MP PAOE points in the region
- Limelight Award** **NEW!!!**
 - Chapter with the highest net positive growth on a percentage basis

Research Promotion (RP) Update

Covid-19 pandemic has impacted the world economy disastrously besides causing untold misery to many. Global GDP growth was forecasted to reduce to 2.5% in 2020 from 2.9% in 2019 as result of the pandemic. That drop of 0.4% in global GDP will wipe away US\$356.98 billion from the world economy. Every country in Asia is not spared from this onslaught and the gifts to RP from chapters and sections of Region XIII were understandably reduced. The silver lining to this constraint is the high spirit towards the good cause of RP from all chapters remains solidly unchanged and we thank you all for this conviction to RP.

As we are so close to the end of Society year on 30th June 2020, DRC and I are delighted with the improved performance of RP since we last met on-line during the virtual RPM2 on 6th June 2020. The performance of Region XIII through numerous campaigns of chapters as at 22nd June 2020 is tabulated as below:

No.	Chapter	2019-2020 Goal (US\$)	YTD Chapter Goal (US\$)	Y-T-D Goal (%)	Variance to 100% Goal (US\$)	Chapter Full Circle	Chapter Full Circle Plus	Volunteer Comm	Attend CRC	PAOE
142	Singapore	9739.00	11259.00	115.6	1520.00	Yes	4	Yes	Yes	1980
143	Hong Kong	19547.00	9596.00	49.1	(9,951)	Yes	12	Yes	Yes	1000
149	Malaysia	6325.00	5028.00	79.5	(1,297)	Yes	4	Yes	Yes	1420
157	Taiwan	3626.00	1800.00	49.6	(1,826)				Yes	540
167	Philippines	2750.00	1422.00	51.7	(1,328)	Yes	4	Yes	Yes	890
170	Thailand	3059.00	2180.00	71.3	(879)	Yes	4	Yes	Yes	1090
183	Indonesia	1190.00	1548.00	130.1	358.00	Yes	3		Yes	2255
194	Japan	525.00	1010.00	192.4	485.00				Yes	2025
195	South Korea	1500.00	550.00	36.7	(950)					585
198	Macao	1575.00	600.00	38.1	(975)				Yes	605
200	CAR-Beijing	54.00	0.00	0.0	(54)					
201	CAR-Shanghai	200.00	0.00	0.0	(200)					
	Other 13	0.00	300.00	0.0						
	Total	50,090.00	35,293.00	70.5	(14,797)	6 ch	31	5 ch	9 ch	12390

As at to-date of my writing, we are only 70.5% of the Region goal of US\$50,090 though the forecast from all chapters indicates a result of 75.4% or an amount of US\$37,778. It is my fervent hope that any balance fund raised for this Society year be remitted to Society online at www.ashrae.org/contribute as the campaign deadline remains the same as 30th June 2020.

I would like to give *special recognition* to Indonesia, Japan and Singapore chapter for exceeding their chapter RP goals impressively. In spite of the woes of world economy, it is so heartening to know that soon after RPM2, the leadership of Singapore chapter intensified their campaigns and achieved 115.6% of goal thus becoming the chapter in Region XIII with the highest contribution in value. The result is sheer remarkable. Congratulation!

This year, it is not unexpected that Region XIII will not meet the result of last year when collectively, you achieved 105% of regional goal. Despite this, we know that you have planned, tried doubly hard, persevered against the uncertainty and were naturally disappointed with result. Still, DRC and I *salute all chapters* for your hard work, sweat and tears and commitment to Resource Promotion. You and I know very well that the *deep resilience* of Region XIII is unbeatable and Region XIII will continue to be a region that we are proud of.

Since this is my last newsletter writing as the RVC RP, I am grateful and privileged to serve Region XIII. In this regard, I am particularly *thankful* to each of you for your support, cooperation and assistance rendered to me over the years. Please also accept my sincere apology if I had been impolite and unkind to you. Lastly, I hope that you will give your fullest support to our incoming RVC RP, Mr. Chea Swei Keong.



I thank you all.
Please stay safe and healthy always.

Best regards,

Ong Ching Loon
 Region XIII, RVC RP

NETWORKING WITH SPORTS - New Tread for Young Engineer

Sports always are good ways to release tension and stress. AHSRAE Malaysia Chapter YEA group organized monthly badminton event. This monthly badminton event is to provide a regular networking platform for YEA and encourage healthy life style. Monthly badminton event started at September 2019 and stopped Jan 2020 due to pandemic issue.

Malaysia Chapter YEA – Monthly Badminton Event



Sep 2019



Oct 2019



Nov 2019

Hong Kong Chapter YEA – Joint Society of Master Archer Sports Competition & Sports Day Event

Hong Kong Chapter organized 2 sports events in 2019. On 26 Oct 2019, 4 local Hong Kong professional organizations, ASHRAE Hong Kong Chapter, CIBSE Hong Kong Branch, HKIE Building Services Division and IFE Hong Kong Branch organized the Joint Society Sport Game - Master Archer. This event attracted YEA to join and created a good cross society networking session.



Young engineers from 5 local Hong Kong professional organizations: ASHRAE Hong Kong Chapter, HKIE, ICE, IET and IMechE jointly organized a Young Engineer Sports Day Event on 9 Nov 2019. The purpose of this event was to get together the Hong Kong young engineering force to create a crossing networking and mutual understanding. This event started with bicycle trip along the hill then BBQ gathering.



Reported by

Kozen Law
Region XIII, RVC YEA

2020 Winter Conference and AHR Expo, Orlando, USA

Reported by **Ng Chun Kei, Jacky**, Hong Kong Chapter President 2019-2020

The ASHRAE Winter Conference 2020 and the AHR Expo was held successfully from 1 to 5 Feb 2020 in Orlando. The DRC, RMCR, part of representatives of Region XIII and Chapter Presidents had joined this great Society event this year.

The Conference officially commenced on 31 Jan 2020. All participants can attend Welcome Party, Plenary, Technical Committee meetings, Training sessions, Seminars, Conference paper presentations, President Luncheon, YEA and Student Program, Technical Tours, Book Store etc., based on their preference and meeting schedule.



Celebrating 125 years for ASHRAE is being another main theme for the winter conference. A copy of the 125th Anniversary edition of “Proclaiming the Truth” booklet that is showing the history of ASHRAE was established and distributed to all participants. A lot of historic and valuable photos and content for the ASHRAE development since last century are illustrated in this booklet. Congratulations!



The AHR Expo 2020 was organized during 3 – 5 Feb 2020. This is being an excellent opportunities for the members and participants throughout the world to join this largest HVAC&R product and technology exhibition together with the interested information and showcase.

Region XIII gathering dinner was held on 2 Feb 2020. Most of Chapter representatives and friends of Region XIII had enjoyed the delicious dinner with wonderful time.





16th Asia Pacific Conference on the Built Environment - Net Zero Strategies for Existing Buildings

Reported by *APCBE 2021 Organizing Committee, Macao Chapter*

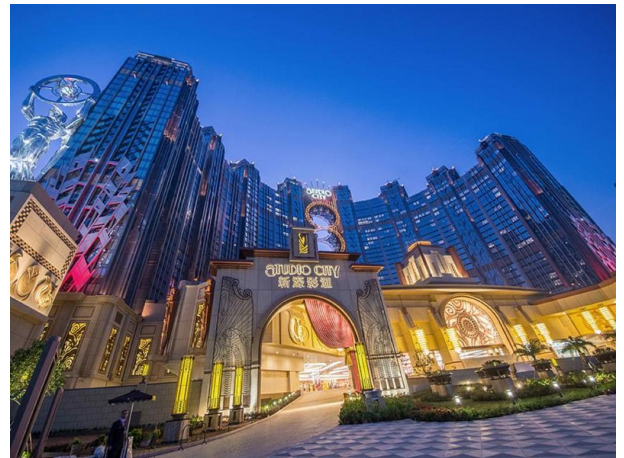
The 16th Asia Pacific Conference on the Built Environment with the theme of ‘**Net Zero Strategies for Existing Buildings**’ will be held in Studio City Macau on 22-23 October 2021. The Conference theme “NET ZERO STRATEGIES FOR EXISTING BUILDINGS” is not simply about the hi-tech products available today but the future technology being developed for more sustainable built environment, including design approach, system controls, construction management, commissioning, facility operation & maintenance, etc. It is intended to bring together international speakers to meet and discuss the advanced technologies with mindful of our next generation. The flyer of First Announcement and Call for Papers has been launched during RPM2 virtual meeting on 6 Jun 2020.

The conference will cover but not limited to the following topics:

- Renewable Energy / Energy Efficiency
- Architecture / Building Materials
- Code & Standard / Assessment / Recognition
- Environment & Atmosphere / IEQ
- Commissioning & Operation
- Control & Instrumentation

Important dates:

- | | |
|--|--------------------|
| - Abstract Due: | 15 December 2020 |
| - Notification of Abstract Acceptance: | 15 January 2021 |
| - Full Paper Submission: | 30 March 2021 |
| - Notification of Full Paper Acceptance: | 30 June 2021 |
| - Registration Open: | 15 January 2021 |
| - Deadline of Early Bird Registration: | 21 August 2021 |
| - Conference: | 22-23 October 2021 |



Submission of Abstracts:

Authors intending to present papers at the conference are invited to submit the titles of the proposed papers together with an abstract of about 300 words. The abstract in Word format should be sent by email to info@ashrae-macao.com.

APCBE2021 Organizing Committee:

- | | |
|-----------------|--|
| General Chair | Ir CHAN Seck Pong, Peter |
| Vice Chairs | Ir YEUNG Shu Sum, Dickson
Ir Dr. WONG Chun Sing |
| Technical Chair | Dr. WONG Seng Fat, Alfred |
| Treasurer | Mr. CHOU Wai Long, Leo |
| Secretary | Mr. LIN Bin |
| Members | Mr. WONG Siu Hung, Vincent
Mr. WAN Ka Lok, Benjamin
Miss LIN Jie Bing, Bingo
Miss CHEN Ying, Agnes
Dr. HUANG Hao Jan, Thomas |



Conference Contact Information:

- Email: info@ashrae-macao.com
 Website: www.ashraemacao.org/apcbe2021