





ASSOCIATION OF CONSULTING ENGINEERS MALAYSIA





**INDUSTRY PARTNERS** 





#### **Second Quarter 2022**

#### **2021/2022 Session**

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Ir. Liew Shaw Shong

Ir. Dr. Muhammad Arkam b Che Munaaim

Dato' Ir. Wan Razali b Wan Muda

Ir. Razalie b Sindong

Ir. Wong Leong Teck

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#### **SUARA Perunding**

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Datuk Ir. Mohd Adnan b Mohd Nor

Ir. Anuar b Mohd Aris

Ir. Ahmad Rashidi b Zainudin

Ir. Tony Yap Meng Soon

Ir. K. Sundraraj (Ex-officio)

#### **Industry Partners**









## MESSAGE FROM THE PRESIDENT

Dear ACEM Members and Readers, I hope you and your family are safe and well. Welcome to our second edition of our Suara Perunding (SP) 2022. As usual, we thank our hard-working Publication Committee/ Secretariat for their efforts in publishing the SP quarterly to keep members informed of our activities and provide information on matters of interest.

The month of June means that we were busy with our Annual General Meetings (AGM). The Sabah and Sarawak Branches conducted their AGMs followed by the 59th AGM for ACEM HQ conducted at Sime Darby Convention Centre in Kuala Lumpur on 18th June 2022. We have provided news and photos regarding the AGMs in this publication for your reading pleasure.

Regarding our site supervision courses webinars, we have completed the Electrical modules in April 2022. We have embarked in conducting the webinars for General module for the site supervision course in June till August 2022.

This quarterly SP edition shall also cover our ACEM Forum 2022 held in Armada Hotel, Petaling Jaya on 19th May 2022 and other webinars conducted in 2nd quarter of the year, such as Talk on Construction Payment Disputes and Resolution and Gemas–Johor Bahru Electrified Double Track Railway Project. We have also news on our Induction Course conducted for new C&S Engineers in May 2022.

We hope that members are keeping themselves updated through our website at https://www.acem.com. my/, as our website continues to be an important reference to keep abreast with the current information from various Government organisations and discussion outcomes with Government agencies.

Let us ensure that ACEM is always in the forefront of maintaining the interest of our members in the **Engineering Consultancy business and industry.** 

Thank you and happy reading,

Ir. K. Sundraraj ACEM President.



Individuals		Individuals	
April 2022		April 2022	
Name	Date	Name	Date
Ir. Elvin Sim Chee Wee	4 April 2022	Ir. Lee Cheong Heng	1 April 2022
Ir. David Lim	14 April 2022		
		May 2022	
May 2022		Name	Date
Name	Date	Ir. Lim Ek Peng	10 May 2022
Ir. Ir. Achuthan Kutty A/L G. Krishnan	10 May 2022	Ir. Ng Tuan Hong	10 May 2022
		Ir. Hon Hin See	10 May 2022
June 2022		Ir. Kong Kim Piew	10 May 2022
Name	Date	Ir. Choo Choon Loong	17 May 2022
Ir. Dr. Meldi b. Suhatril	1 June 2022	Ir. San Kin Hong	26 May 2022
Ir. Ahmad Rahimi bin Mat	14 June 2022	Ir. Choong Yoon Tong	27 May 2022
Ir. Lee Kok Chong	15 June 2022	Ir. Wong Wing Keng	27 May 2022
Ir. Mior Muhammad bin Shamsuddin	16 June 2022		
		June 2022	
		Name	Date
Panel Member Firms		Tan Sri Dato' Ir. Syed Muhammad	8 June 2022
		Shahabudin	
May 2022		Ir. Mustafa b. Berahim	14 June 2022
Name	Date		
Consultface Sdn Bhd	30 May 2022	Panel Member Firms	
Raamsara Consult Sdn Bhd	30 May 2022		
		April 2022	
		Name	Date
		Perunding Coprolech	13 April 2022

#### **INSURANCE FAQ**

#### 1. What is Run Off Cover?

Run Off Coverage applies where a company ceases to trade, sells its assets or merges with another entity. The policy provides coverage specifically for any acts occurring prior to the date on which the company/entity ceased trading, sold its assets or merged. It is common also where individual directors of companies or partners of professional firms have retired or relinquished their positions.

#### 2. What is vicarious Liability?

This occurs where liability is imposed on one person for the wrongful acts of another. An example of this is an employee of a company providing negligent advice on its behalf. The legal basis being that

#### a "principal" is liable for the acts of its "agents".

#### 3. What is Defamation?

Defamation is the umbrella term used for libel and slander – the publication or vocalisation of information, opinions or thoughts that can be damaging to the reputation of an individual or business. If something offensive is spoken, then it's described as slander. If it's written down, broadcast, or shown in a film, it's described as libel. For a comment to be considered defamatory, it must be communicated to somebody else, even if that's just one person.

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- ACEM Sarawak Branch Executive Committee.
- Courtesy visit to General Manager of Telekom Sarawak.

## **ACEM 59th Annual General Meeting**

The Association's 59th Annual General Meeting was held on 18 June 2022. Members were present at the AGM to attend to the usual businesses of the AGM which included:

- Confirmation of minutes of The 58th Annual General Meeting held on 26 June 2021;
- Adoption of Council's Report for the 2021/2022; Session
- Election of Council Members for the 2022/2023 Session

Ir. Foo Kam Fai and Ir. Anuar bin Mohd Aris were elected into Council for the 2022/2023 session. The council also appointed Ir. Ahmad Rashidi bin Zainudin to fill a casual vacancy at its first meeting of the session. The ACEM Council for session 2022/2023 comprises:

President Ir. K. Sundrarai

Deputy President Ir. Chong Chew Fan Honorary Secretary Ir. Anuar b Mohd Aris Honorary Treasurer Ir. Romesh Srinivasan

Immediate Past President Datuk Ir. Mohd Adnan b Mohd Nor

Council Members Ir. Ahmad Masyhur b Jahaya

Ir. Ahmad Rashidi b Zainudin Ir. Amirul Hisham b Hj. Ismail Ir. Aruljothy a/l Pahavan

Ir. Foo Kam Fai

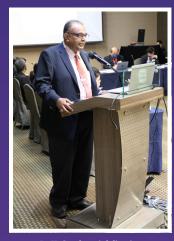
Ir. Dr. Muhammad Arkam b Che Munaaim

Dato' Ir. Wan Razali b Wan Muda

Ir. Razalie b Sindong (Chair, Sabah Branch)
Ir. Wong Leong Teck (Chair, Sarawak Branch)



Back Row (L-R): Ir. Aruljothy a/l Pahavan, Dato' Ir. Wan Razali b Wan Muda, Ir. Amirul Hisham b Hj. Ismail, Ir. Razalie b Sindong, Ir. Wong Leong Teck, Ir. Ahmad Rashidi b Zainudin, Ir. Foo Kam Fai



Ir. K. Sundraraj delivering the opening remarks for the AGM



From left: Dato' Ir. Wan Razali, Ir. Romesh, Ir. Sundraraj, Ir. Chong Chew fan, Ir. Sharifah Azlina & Datuk Ir. Mohd Adnan



From Left: Ir. Aruljothy & Datuk Ir. Wan Razali







 $Ir.\ K.\ Sundraraj$  presenting token of appreciation to (L-R)  $Ir.\ Sharifah$  Azlina,  $Ir.\ Kuah$  Kee Hong and  $Ir.\ Liew$  Shaw Shong, three retiring Council Members present at the meeting.



From Left: Ir. Chong Chew Fan & Ir. Sharifah Azlina



From Left: Ir. Razalie Sindong & Ir. Wong Leong Teck



From Left: Datuk Ir. Mohd Adnan & Ir. Liew Shaw Shong



From Left: Ir. Kuah Kee Hong & Ir. Amirul Hisham



Ir. Romesh presenting his speech.



From Left: Ir. Ahmad Rashidi, Ir. Anuar, Ir. Sundraraj, Ir. Kuah Kee Hong, Ir. Foo Kam Fai, Ir. Prem Kumar, Ir. Romesh & Ir. Dr. Lim Phaik Leng









ACEM members who attended the AGM



The first Council Meeting for session 2022-2023 was held immediately after the 59th AGM on 18th June 2022. It was noted that:

- 1. Ir. Anuar bin Mohd Aris and Ir. Foo Kam Fai being nominated by Members to fill the vacancies caused by retirement by rotation of Councillors, were duly elected to the Council.
- 2. The council also appointed Ir. Ahmad Rashidi Zainudin to fill a casual vacancy at its first meeting of the session.
- 3. Ir. Razalie bin Sindong, being the Sabah Branch Chairman and Ir. Wong Leong Teck, being the Sarawak Branch Chairman were automatically elected into the Council, in accordance to Article 49 of the Articles of Association.
- 4. Ir. Sharifah Azlina, Ir. Kuah Kee Hong and Ir. Liew Shaw Shong ended their term as Council Member at the end of Session 2021/2022.



From left, Ir. Romesh, Ir. Sundraraj, & Ir. Chong Chew Fan



From left, Ir. Rashidi, Ms Wong, Ir. Anuar, Datuk Ir. Wan Razali, Ir. Romesh.



From left, Datuk Ir. Mohd Adnan & Ir. Foo Kam Fai



From left, Ir. Amirul Isham, Ir. Razalie & Ir. Wong Leong Teck



From left, Ir. Anuar, Ir. Aruljothy & Dato' Ir. Wan Razali

ACEM Forum 2022 was held on 19 May 2022. This forum intended to update members and fellow engineers on current issues facing the industry and ACEM's role in addressing them. ACEM forum also serves as a platform for members to air their views and forward suggestions on how best to address the industry's current challenges.

ACEM Forum 2022 focused on the following issues of current interest:

- Changes in the REA on Equity in ECP Ir. Prem Kumar
- Paper on Engineering Consultancy Fees: Market Realities Ir. Amin bin Ramli
- Qualification Base Selection Ir. Arul Hisham b. Abdul Rahim
- AKPK SMEs Services Ms. Veronica Kow Li Lian

More than 30 participants from engineering consultancy practices attended the half-day event held at the Hotel Armada Petaling Jaya, Selangor.



Opening remarks by Ir. Chong Chew Fan, Deputy President







Ir. Chong Chew Fan presenting token of appreciation to the speakers. (L - R) Ms Veronica Kow Li Lian, Ir. Arul Hisham b. Abdul Rahim and Ir. Amin b. Ramli.









(L-R) Ir. Amin, Ir. Arul Hisham, Ir. Prem and Ms Veronica presenting their slides











Questions from the floor

Q&A Session with the speakers

## Webinar On Gemas - Johor Bahru Electrified Double Track Railway Project - Design & Construction







*Ir. Romesh presenting his lecture.* 

The webinar was held on 21 April 2022 via Zoom Online Webinar. This webinar was moderated by Ir. Patrick Augustin and presented by Ir. Romesh Srinivasan who has wide experience in Railway Permanent Way and related System Engineering as well as knowledge of Contracts and Contracting Strategy. The Electrified Double Track Project (EDTP) involves replacing the current single line rail track with an electrified double track for a 197km stretch between Gemas and Johor Bahru. The Gemas–Johor Bahru route is the final piece of the existing KTMB network to be upgraded and once

completed, there will be a continuous connection running from the southern tip of the Peninsula all the way to Padang Besar on the Malaysia Thai border in the north. The EDTP was awarded to a Chinese consortium which comprised the China Railway Construction Corporation, China Railway Engineering Corporation and China Communication Construction Company. This is fully funded by the Malaysian Government. More than 100 participants from engineering consultancy practices attended this webinar.

### **Induction Course for New C&S Engineers**

The course was held from 23 - 25 May 2022 at Hotel Armada Petaling Jaya. The aim of the course is to introduce Professional C&S Consulting Engineering services to new C&S Engineers, provide a brief run through of C&S design engineering practices, and to prepare course participants for further training in specific C&S engineering practices. The Civil or Structural engineers with less than 2 years' experience and new Civil or Structural Engineers

in government and semi-government departments assigned to civil or structural engineering design works.

A total of 34 participants attended the course. Subjects covered were Professional Practice, Site (Geotechnical) Investigation for Building and Civil Works, Structures, Earthworks, Roads, Drainage, Traffic, Water Supply and Sewerage



## Talk On Construction Payment Disputes And Resolution

The webinar was presented by Mr. Vincent Lim and Mr. Derek Ong from CIPAACT Solution Sdn Bhd on 14 April 2022. A total of 187 participants attended the webinar.

This course intended to provide engineers with the knowledge of payment disputes in the construction which has become a common problem in Malaysia and in most countries. About 50% of Malaysia construction projects experience Under Payment, Late Payment and or Non-Payment issues which cause complication to the projects to the extent that some of the projects are abandoned wherein innocent third-party purchasers become victims of delayed and abandoned projects.

One of the main elements for the complication is the client's inadequate finance or main contractor's poor cash flows for the project. The amount of money involved in construction industry is enormous and when payments from the clients are delayed, most of the contractors/sub-contractors would not be able to bear the heavy day to day construction expenses by themselves which includes the cost of material, labour and other necessary day to day expenses. The issue of payment dispute would eventually result in time over-run, cost over-run and total abandonment of the project.



From left Ir. Prem Kumar, Mr. Derek Ong and below, Mr Vincent Lim

Therefore, the construction payment dispute requires to be dealt with at worst, a cheaper, quicker, simpler, legal binding and enforceable resolution enabled by an adjudication proceeding, which is what The Construction Industry Payment and Adjudication Act (CIPAA) has specially drafted to resolve the issues with provisions such as PROHIBITION of Conditional Payment, to STREAMLINE payment procedures and provide REMEDIES for the recovery of payment.

The Construction Industry Payment and Adjudication Act (CIPAA) 2012 has come into operation with effect since 15 April 2014. The talk covered the definition and key features of CIPAA, construction culture and payment risks, as well as the adjudication process under CIPAA. In addition, the identification of construction payment problems, their impact and resolution and how to conduct payment recovery through CIPAA proceedings will also be discussed during the talk.

### Site Supervision Course Discipline Module Electrical



Continuing the ACEM Webinar Series Site Supervision Course, the Electrical module was held from 12 February until 23 April 2022 via Online Zoom Webinar. The above course was supported by the Construction Inspector of Work Association Malaysia (COWAM) and Malaysia Engineering Inspector and Supervisor Association (MEInSA). Conducting the course were five senior members of ACEM, Ir. Ahmad Rashidi Zainudin, Ir. Chong Chew Fan, Ir. Dr. Muhammad Arkam Che Munaaim, Ir. Wong Leong Teck and Ir. Khamsah Rais. The Discipline Module: Electrical was divided into the six parts as follows Medium Voltage (MV) System, Low Voltage (LV) System, Lighting System, Standby Power System, Lightning Protection and Earthing System and Extra Low Voltage (ELV) System

# IEM Sabah – ACEM Sabah 2-day Workshop on "Malaysian Civil Engineering Standard Method of Measurement (MyCESMM2)"

Date : 30 – 31 March 2022

Venue : Promenade Hotel, Kota Kinabalu Organised by : ACEM Sabah & IEM Sabah Speaker : Ir. Hj. Shahul Ikram b. Hj. Adnan

The 2 days course was attended by 30 participants consisting of staffs from government and private sectors. This course consists lectures, workshops, and presentations on the importance of MyCESMM2.





# ACEM Half Day Talk on "Introduction to the Structural Floor Decking System Commonly Used in The Construction Industry"

Date : 19 April 2022

Venue : IEM Sabah Training Centre, Kota Kinabalu, Sabah

Organised by : ACEM Sabah Speaker : Ir. Lee Tet Fon

The talk covered the introduction of the structural floor decking system commonly used in the construction industry. The design concept and the common composite deck slab failure mode were briefly touched as a form of sharing information among engineers especially in Sabah where the use of floor decking system is not that common comparatively.







### **Courtesy Call to Sabah State Water Department**

Date : 21 April 2022

Venue : Sabah State Water Department Headquarters Office

Organised by : ACEM Sabah

Represented by : Ir. Razalie bin Sindong, Datuk Ir. Chin Shu Ying, Ir. Benny Song, Ir. Kenny Lo,

Ir. Sebastian Tiong and Ir. Tan Koh Yon

Among the purpose of the courtesy call was to introduce the ACEM Sabah Committee Members to the department and handing over a memorandum to the Director of Sabah State Water Department. Issues faced by the Sabah members as well as its respective suggestion were brought up for the department consideration during the courtesy call.







ACEM Sabah Branch Chairman and Deputy Chairman namely Ir. Razalie Sindong and Datuk Ir. Chin Shu Ying attended the 28 May 2022 Industry Stakeholders Dinner hosted by CIDB. Besides networking, the host was joined by The Ministry of Works who briefed on the programme FT Roadpedia Exploration for Sabah. Various federal road conditions and the maintenance works and methods were presented and briefed during the dinner. Among the guests at the function was YB Fadillah Yusof, the Minister of Works and YB Arthur Kurup, Assistant Minister of Works.





## **ACEM Sabah Branch Exco 2022/2023**



(L – R): Ir. Yong Lip Bing, Ir. Brandon S. Galimam, Ir. Joe Primus Kayau, Ir. Song Perng Yeu, Ir. Lee Tet Fon, Ir. Razalie b. Sindong, Ir. Lo Chau Thai @ Kenny Lo, Ir. Chia Khuin Fung, Datuk Ir. Chin Shu Ying, Ir. Sebastian Tiong Kai Song, Ir. Wah Kheng Haw, Datuk Ir. Ts. Amarjit Singh

## **Set up BEM Secretariat Office in Sarawak**

The Board of Engineers Malaysia (BEM) have signed a Memorandum of Understanding (MoU) with Jabatan Kerja Raya (JKR) Sarawak on 18th April 2022 to set up a BEM Secretariat Office in Sarawak to provide administrative support and facilities for BEM to carry out its functions in Sarawak for the convenience of Registered Persons (Engineers, Engineering Technologists and Inspectors of Works) and Engineering Consultancy Practice and the engineering fraternity in the Sarawak region.

BEM was represented by its President, YBhg. Datuk Ir. Haji Mohamad Zulkefly bin Sulaiman while JKR Sarawak by its Director, YBhg. Datu Ir. Hj. Zuraimi bin Sabki. The ceremony was witnessed by Ir. Hamzah Hashim, BEM Secretary and Ir. Chin Hon Sin, Assistant Director (Research & Investigation), JKR Sarawak. ACEM (Sarawak Branch) was represented by Ir. Rudy Zulfika bin Yusof, Deputy of Chairman (ACEM Sarawak Branch) attended the ceremony.



## 3-days workshop on "Bengkel Penambahbaikan Garis Panduan Pendaftaran Unit Pendaftaran Kontraktor dan Juruperunding (UPKJ)"

The 3-days workshop on "Bengkel Penambahbaikan Garis Panduan Pendaftaran Unit Pendaftaran Kontraktor dan Juruperunding (UPKJ)" which was organised by the Sarawak State Financial Secretary held from 17-19 May 2022 at Imperial Hotel, Kuching. ACEM (Sarawak Branch) 'representative whom is Ir. Ong Chet Yun attended the workshop. (no photo)

# Webinar Talk On "Transforming Construction Design Workflow With Bim Collaboration Pro: Digital Cloud Collaboration For Construction (Engineering)

ACEM (Sarawak Branch) in collaboration with Progressive Computers Systems Sdn Bhd organised a webinar talk on "Transforming construction design workflow with BIM collaboration pro: Digital Cloud Collaboration for construction (Engineering) was held on 17th May 2022. About 76 participants attended the webinar talk.



View of participants attending the Webinar talk

### **Courtesy Visit To General Manager Of Telekom Sarawak**

The delegate from ACEM (Sarawak Branch) which was led by Ir. Wong Leong Teck (Chairman) paid courtesy visit to General Manager of Telekom Sarawak at Telekom office, Jalan Semariang, Kuching on 27th May 2022.





Ir. Wong Leong Teck presenting souvenirs to GM Telekom Sarawak

Group photo of Courtesy visit to GM Telekom Sarawak

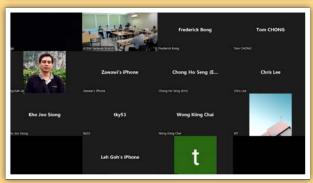
## **ACEM (Sarawak Branch) 29th Annual General Meeting**

ACEM (Sarawak Branch) had 29th Annual General Meeting which was held on 21st May 2022. It was conducted in hybrid (physical/online).

Chairman
Deputy Chairman
Honorary Secretary
Honorary Treasurer
Immediate Past Chairman
Committee Members

- Ir. Wong Leong Teck
- Ir. Rudy Zulfika bin Yusof
- Ir. Ting Ing Sun
- Ir. Hii Tiong Koon
- Ir. Lainus Anak Lichok
- Ir. Tom Chong Kuet Fung
- Ir. Alphonsus Dorhat Rahani
- Ir. William Tan Khoon Lee
- Ir. Clarence Chieng Sie Yii
- Ir. Ong Chet Yun
- Ir. James Ling Chai haw
- Ir. Wong Sie Ung
- Ir. Tnay Choon Hwa







Standing (L – R): Ir. Lainus ak Lichok, Ir. James Ling Chai Haw, Ir. Tom Chong Kuet Fung, Ir. Ong Chet Yun, Ir. Wong Sie Ung, Ir. Tnay Choon Hwa, Ir. William Tan Khoon Lee, Ir. Alphonsus Dorhat Rahani

Seated (L – R): Ir. Clarence Chieng Sie Yii, Ir. Rudy Zulfika bin Yusof, Ir. Wong Leong Teck, Ir. Hii Tiong Koon, Ir. Ting Ing Sun

