



PROPOSAL:

SUSTAINABLE IN CIVIL ENGINEERING EXHIBITION AND COMPETITION

(SiCEx2021)

DATES:

7-21 JUNE 2021

ORGANIZE BY:

SCHOOL OF CIVIL ENGINEERING

UNIVERSITI SAINS MALAYSIA

ACADEMIC SESSION 2020/21

CO-ORGANIZER:

BAHAGIAN PELAJAR DAN ALUMNI, BHEPA USM

PEJABAT PENGARAH (ENGINEERING CAMPUS)

VENUE:

OFFICIAL WEBSITE OF SiCEx 2021

UNIVERSITI SAINS MALAYSIA

INTRODUCTION

Sustainable is defined as the ability to continue over a period of time. Sustainable in Civil Engineering means the desire to perform activities without any depletion of resources and bringing any harmful effect on the environment. Practising sustainable construction methods will help to avoid harmful effects from construction activities. The theme is chosen for this event focus on sustainability leading to a better nation especially within the Civil Engineering field.

Malaysia is known for its tropical climate with two main monsoon seasons, which means, it often experiences torrential rainfall and thunderstorm throughout the year. As a result, this climate caused flood disasters in Malaysia. In 2014 and 2015, floods had occurred from 15 December to January 2015 with more than 200,000 people affected. This flood had been described as the worst floods in decades. During the disaster, people involved were having a difficult time to obtain healthy and clean water resources. In October 2019, *Bernama* reported that 1,630 victims were involved in the flood in three states which is Selangor, Perak and Kedah.

Hence, SiCEx2020 had chosen the best theme in order to help the nation to live in a better life. The theme “Prevention of Disaster: Towards Zero Flood and Healthy Water Resources for A Better Nation”. This theme is chosen as the pioneer because flood and clean water resources are one of the major problems that our nation is currently experiencing throughout the year. Hence, SiCEx2021 can be the best medium to resolve these issues.

OBJECTIVE

- To produce competent, creative and innovative participants who can solve civil engineering problems within the global, societal and sustainable development contexts.
- To produce participants with good leadership qualities and communication skill who can engage in engineering task both independently and as a team
- To produce participants with professional and ethical attributes.
- To produce participants who are engaged in continuous pursuit of knowledge through research continuing education and professional development activities.
- To increase public awareness of vulnerability to flood hazards and preparation of floods.

EVENT'S INFORMATION

The event's details are stated as below:

SiCEx (Sustainable in Civil Engineering Exhibition and Competition) 2021 :

Date : 7-11 June 2021 (Participation through website)

: 21 June 2021 (Award Winners announcement in FB live)

Time : 8.00 am of 7 June 2021 – 11.59 pm on 11 June 2021

Venue : SiCEx website (will be provided)

TARGET CONTESTANT

SiCEx2021 are aiming contestants that consist of students from local and international universities as well as secondary school.

TENTATIVE OF THE EVENT

Program : Day 1- Day 5 (7-11/6/2021)

08.00 am (7/6/2021)	:	Participant uploading content in SiCEX's website
11.59 pm (11/6/2021)	:	SiCEX website is closed for all participant.

Program : Result's Day (21/6/2021)

10.00 am	:	The arrival of guests and contestants in Facebook Live
10.30 am	:	Recitation of <i>Du'a</i>
11.00 am	:	Announcement of Winner
12.00 am	:	Talk from SiCEX's committee member
12.15pm	:	End of Ceremony

SiCEX 2021 COMMITTEE MEMBERS

(refer Appendix A)

BUDGET LIST

Maximum team / Maximum person per group

TEAM: 4 INTERNATIONAL, 11 LOCAL UNIVERSITIES, 15 HIGH SCHOOLS

MAXIMUM 5 PERSON PER GROUP

TOTAL PARTICIPANTS: 150 PARTICIPANTS

PUBLISITY DEPARTMENT

NO.	ITEMS	PRICE	AMOUNT	TOTAL
1	BUTTON BADGE	RM 2.00	150	RM 300.00
2	MEDALS	RM 40.00	30 groups	RM 1200.00
3	TOTE BAG	RM 8.00	150	RM 1200.00
			TOTAL	RM2700.00

MULTIMEDIA DEPARTMENT

NO.	ITEMS	PRICE	AMOUNT	TOTAL
1	FACEBOOK ADVERTISEMENT	RM 50	4 TIMES	RM 200.00
2	INSTAGRAM ADVERTISEMENT	RM 25	4 TIMES	RM 100.00
			TOTAL	RM300.00

POSTAGE RATE

NO.	ITEMS	PRICE	AMOUNT	TOTAL
1	LOCAL POSTAGE	RM20	26	RM520.00
2	INTERNATIONAL POSTAGE	RM100	4	RM400.00
			TOTAL	RM920.00

GRAND TOTAL

NO.	DEPARTMENT	PRICE
1	PUBLISITY DEPARTMENT	RM2700.00
2	MULTIMEDIA DEPARTMENT	RM300.00
3	POSTAGE RATE	RM920.00
GRAND TOTAL		RM3920.00

LIST OF SUGGESTED COMPANY FOR SPONSORSHIP

(refer Appendix B)

EVENT'S OUTCOME

- Ability to identify, analyze, research literature regarding complex civil engineering problems related to flood controlling system and clean water management.
- Ability to develop or improve early warning emergency response system and evacuation procedures for flood hazard events.
- Able to produce ideas to make Malaysia a better country with minimum flood problems.
- Able to demonstrate knowledge and needs to the solution of sustainability development.
- Able to produce the inventors that can create innovative products and researches that can achieve all the aspect in Sustainable Development Goals (SDG).

CONCLUSION

In conclusion, SiCEx2020 will be the most outstanding pioneer for Civil Engineering Exhibitions and competitions in Malaysia as it may help a lot of people in this country. Besides, this event target to accomplish objectives and produce great solutions for Civil Engineering problems such as the prevention of disaster. Thank you for all the cooperation given before, during and after the event.

“Together We Lead”

Prepared by,



MUHAMMAD NASRI BIN NASEHIR KHAN

Project Manager,

SiCEx2020,

Universiti Sains Malaysia

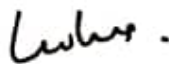
Endorsed by,



PROF. DR. TAKSIAH A. MAJID

Dean of Civil Engineering School

Universiti Sains Malaysia



13/12/2019

Prof. Ir. Dr. Taksiah A. Majid
Dekan
Pusat Pengajian Kejuruteraan Awam
Kampus Kejuruteraan
Universiti Sains Malaysia

APPENDIX A: SiCEX ORGANIZATION CHART

HONORABLE ADVISOR

- 1) PROF. DR. NOR AZAZI ZAKARIA (DIRECTOR OF ENGINEERING CAMPUS)
- 2) PROFESSOR IR. DR. TAKSIAH A. MAJID. DEAN OF CIVIL ENGINEERING SCHOOL)
- 3) PROF. DR. HANAFI ISMAIL (DIRECTOR OF INNOVATION OFFICE)
- 4) EN. SAMSURI BIN MUSA (HEAD UNIT OF BHEPA)

ADVISOR

- 1) DR. MASTURA AZMI
- 2) DR. MUSTAFASANIE M. YUSSOF

PRESIDENT

- 1) MUHAMMAD NASRI BIN NASEHIR KHAN (143959)

VICE PRESIDENT

- 1) ANIQ SYAHMI BIN AZMI (143710)

SECRETARY

1. MARDHIAH BINTI MUHAMMAD SUHAILMI (141679)
2. NIK ALISYA BINTI NIK MOHD ASRI (147715)

TREASURER

1. NORSYAFINA ANITA BINTI ZAULKIFLI (141304)
2. FARHAIN AFIQAH BINTI MOHD KEESAN (143363)

PROMOTION AND PUBLICITY

- 1) AGNES AWING HENRY (147747)
- 2) NUR ATIQA SYAFIRA BINTI NAZARI (148650)
- 3) LIM MEI WEI (146767)

MULTIMEDIA

- 1) MUHAMMAD AZFAR BIN HAMIDI (143912)
- 2) MUHAMMAD UMAR BIN MOHD YUSOFF (143975)
- 3) NATASHA BINTI SHIRAL (150833)

LOGISTIC

- 1) HAFIZZUL HAZZIM SHAH BIN JELANI (142068)
- 2) AHMAD NABIL BIN ZULKIFLI (148131)
- 3) SAZRUL ARIFF BIN MAT ZAN (144665)
- 4) NORAZURA BINTI NASARUDDIN (142105)
- 5) IFA SHAFIQA BINTI KAMISAN (144158)
- 6) FARAH HANIM BINTI M NOR MAYADI (144134)

SPONSORSHIP

- 1) AMIRUL AL-AMIN BIN MOHAMED KUDUBUDIN (140713)
- 2) NURFAZLINA BINTI ISA (140717)
- 3) MUHAMAD FAIZ HAFIZI BIN ZAHARI (143884)

APPENDIX B: (List of Suggested Company for Sponsorship)

PRIVATE

1. COWAY MALAYSIA
2. SPRITZER BHD
3. SUNWAY GROUP MALAYSIA
4. MALAKOFF
5. IJM LAND
6. IVORY
7. IDEAL GROUP
8. ECOWORLD
9. SIME DARBY
10. XOX
11. SETIA
12. JINKO
13. SIEMENS MALAYSIA
14. PREMIER WATER SERVICES (IPOH)
15. USAINS SDN. BHD
16. UEM
17. ETIKA GROUP
18. EASTERN ORIENTAL
19. MAH SING
20. VEOLIA WATER TECH. MALAYSIA (WATER SERVICES)
21. MOLECOR MALAYSIA (PIPE MANC)
22. HMW MALAYSIA
23. RANHILL HOLDINGS BERHAD- WATER SUPPLY CO
24. BEWG (M) SDN. BHD
25. LOYAL ENGINEERING MALAYSIA

GOVERNMENT, GOVERNMENT LINKED COMPANY (GLC) AND GOVERNMENT LINKED INVESTMENT COMPANY (GLIC)

1. PERBADANAN BEKALAN AIR PULAU PINANG (PBAPP)
2. GAMUDA BERHAD
3. MALAYSIAN RESOURCES CORPORATION BERHAD (MRCB)
4. MALAYSIAN GREEN TECHNOLOGY CORPORATION
5. SUSTAINABLE ENERGY DEVELOPMENT AUTHORITY MALAYSIA (SEDA)
6. MINISTRY OF ENERGY, SCIENCE, TECHNOLOGY, ENVIRONMENT AND CLIMATE CHANGE (MESTECC)
7. PENGURUSAN ASET AIR BERHAD (PAAB)
8. CIDB MALAYSIA
9. SPAN MALAYSIA
10. INDAH WATER

ASSOCIATION

1. PENANG INSTITUTE
2. BOARD OF ENGINEERS MALAYSIA (BEM)
3. SAHABAT ALAM MALAYSIA (SAM)
4. MALAYSIAN WATER PARTNERSHIP
5. THE INSTITUTION OF ENGINEERS MALAYSIA (IEM)
6. UNITED NATIONS MALAYSIA (WWF)
7. UNITED NATIONS MALAYSIA (UNDP)
8. MERCY MALAYSIA (DISASTER-FLOOD)
9. MIMA- MARITIME INSTITUTE OF MALAYSIA
10. INSTITUT PENYELIDIKAN HIDRAULIK (NAHRIM)
11. INVEST PENANG
12. THINKCITY
13. YAYASAN HASANAH
14. KHAZANAH RESEARCH INSTITUTE (KRI)
15. INSTITUTE FOR DEMOCRACY AND ECONOMIC AFFAIRS (IDEAS)
16. THE CENTRE

MEDIA:

1. BERNAMA
2. RTM
3. ASTRO AWANI
4. THE EDGE
5. MALAYMAIL
6. NSTP

FOOD:

1. KFC
2. MCDONALDS
3. 7 ELEVEN
4. YEOS'
5. NESTLE (MILO, 100 PLUS ETC)
6. POKKA
7. ETIKA GROUP (BLUE, MIRINDA, WONDA ETC)

PRIZE:

1. BAGUSS ENTERPRISE SDN BHD (MEDAL)
2. SYNOPSIS
3. PMI

OTHERS:

1. LINK BIKE (TRANSPORTATION)
2. GRAB (E-HAILING)
3. DACSEE