

# GLOBAL CIVIL ENGINEERING CONFERENCE



## STEERING GLOBAL SUSTAINABILITY THROUGH CIVIL ENGINEERING

25-28 JULY 2017 SERI PACIFIC HOTEL, KUALA LUMPUR, MALAYSIA

**APPROVED!**

BEM CPD HOURS  
Workshop 5,  
Conference 12  
CIDB CCD HOURS  
Workshop 10,  
Conference 20



### KEYNOTE SPEAKERS



**DATO' SERI IR. DR. ZAINI BIN UJANG**  
Secretary General  
Ministry of Energy, Green Technology & Water  
(KeTTHA), MALAYSIA



**PROF. DR. HOJJAT ADELI**  
Professor  
The Ohio State University, USA  
(Department of Civil, Environmental & Geodetic  
Engineering)



**PROF. DR. FRANK BULLEN**  
Professor  
The University of Southern Queensland,  
AUSTRALIA  
(School of Civil Engineering & Surveying)



**PROF. DR. FWA TIEN FANG**  
Professor  
National University of Singapore, SINGAPORE  
(Department of Civil & Environmental  
Engineering)



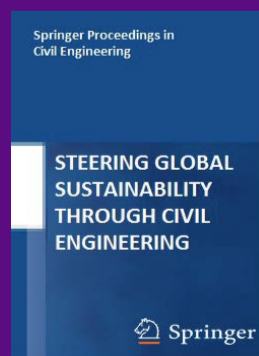
**PROF. DR. CANDAN GÖKÇEOĞLU**  
Professor  
Hacettepe Üniversitesi, TURKEY  
(Department of Geological Engineering)

**IMPORTANT DATES :**

- Early Bird Registration Deadline  
**June 1, 2017**
- Payment Deadline  
**July 17, 2017**

### REGISTRATION FEES

- ▶ **Early Bird Registration (Before June 1, 2017)**  
Local - RM 850                      International - USD 370
- ▶ **Late Registration (After June 1 - July 17, 2017)**  
Local - RM 1,010                      International - USD 425
- ▶ **Student**  
Local - RM 530                      International - USD 160
- ▶ **Workshop**  
Local - RM 950                      International - USD 425



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SUPPORTED BY:



The conference is aimed at all engineers, academicians, researchers, managers, planners and policymakers working within the broad fields of Civil Engineering.

# PROGRAMME – WORKSHOP

Day 1: 25 July 2017 (Tuesday)

Time	Seminar Room 1 SEC	Seminar Room 2 WE	Seminar Room 3 RSGIS	Seminar Room 4 HTE
0800 - 0900	<b>Arrival of Participants and Guests &amp; Workshop Registration</b>			
0900 - 1030	<p>Workshop Title : <b>Earthquake Resistance Structure (Part 1)</b></p> <p>Speaker : 1. Assoc. Prof. Dr. Farzad Hejazi (Universiti Putra Malaysia)</p>	<p>Workshop Title : <b>Current Threats to Coastal Areas in Malaysia and The Way Forward of Shoreline Management Plan</b></p> <p>Speaker : Prof. Ir. Dr. Ahmad Khairi Abdul Wahab (Coastal &amp; Offshore Engineering Institute (COEI) Universiti Teknologi Malaysia)</p>	<p>Workshop Title : <b>Rockfall Hazard Prevention: Analysis and Design Principles</b></p> <p>Speaker : 1. Prof. Dr. Candan Gökçeoğlu (Hacettepe Üniversitesi, Turkey) 2. Assoc. Prof. Dr. Biswajeet Pradhan (Universiti Putra Malaysia)</p>	<p>Workshop Title : <b>Will be informed later</b></p> <p>Speaker : Prof. Dr. Ratnasamy Muniandy (Universiti Putra Malaysia)</p>
1030 - 1100	<b>Coffee / Tea Break / Exhibition</b>			
1100 - 1230	<p>Workshop Title : <b>Earthquake Resistance Structure (Part 2)</b></p> <p>Speaker : 1. Prof. Dato' Ir. Dr. Mohd. Saleh Jaafar (Universiti Putra Malaysia) 2. Assoc. Prof. Dr. Farzad Hejazi (Universiti Putra Malaysia)</p>	<p>Workshop Title : <b>A Practical Design Approach of Coastal Structures in Malaysia</b></p> <p>Speaker : Ir. Nik Abdullah Muaz Nik Mohd Kamel (Dr. Nik &amp; Associates Sdn Bhd)</p>	<p>Workshop Title : <b>Laser Scanning and Microwave Remote Sensing Applications in Geohazard Management</b></p> <p>Speaker : Assoc. Prof. Dr. Biswajeet Pradhan (Universiti Putra Malaysia)</p>	<p>Workshop Title : <b>Understanding Skid Resistance: Pavement Design and Maintenance for Safe Driving Safety</b></p> <p>Speaker : Prof. Dr. Fwa Tien Fang (National University of Singapore)</p>
1230 - 1400	<b>Lunch / Exhibition</b>			
1400 - 1530	<p>Workshop Title : <b>Rehabilitation and Strengthening of Reinforced Concrete Structures</b></p> <p>Speaker : Assoc. Prof. Ir. Dr. Raizal Saifulnaz Muhammad Rashid (Universiti Putra Malaysia)</p>	<p>Workshop Title : <b>Process Based Model: An Open Source Towards Coastal Morphodynamic Modelling</b></p> <p>Speaker : 1. Dr. Leo Eliasta Sembiring (Experimental Station for Coastal Engineering Research Centre for Water Resources, Bali Indonesia) 2. Dr. Mohd Shahrizal Ab Razak (Universiti Putra Malaysia)</p>	<p>Workshop Title : <b>Object Based Image Analysis (OBIA) for High Spatial Resolution Data Analysis of Urban Builtup Areas</b></p> <p>Speaker : Assoc. Prof. Dr. Helmi Zulhaidi Mohd. Shafri (Universiti Putra Malaysia)</p>	<p>Workshop Title : <b>Challenges in Vehicle-Road Pavement Interaction with New Design Consideration</b></p> <p>Speaker : Prof. Dr. Ratnasamy Muniandy (Universiti Putra Malaysia)</p>

## Legends

SEC : Structural Engineering & Construction  
WE : Water Engineering  
RSGIS : Remote Sensing & Geospatial Information System

HTE : Highway & Transportation Engineering  
GEGE : Geotechnical & Geological Engineering

# PROGRAMME – CONFERENCE

Day 2: 26 July 2017 (Wednesday)

Time	Event
0800 - 0900	<b>Registration of Guest / Participant</b>
0900 - 0915	Arrival of VIP
0900 - 1000	<p><b>Opening Ceremony:</b></p> <ul style="list-style-type: none"> <li>Opening Remarks by <b>YBhg. Prof. Dato' Ir. Dr. Mohd Saleh Jaafar</b> (Chairman of GCEC2017)</li> <li>Speech by <b>YBhg. Prof. Datin Paduka Dr. Aini Ideris</b> (Vice Chancellor of Universiti Putra Malaysia)</li> </ul> <p><b>Launching Ceremony</b> by <b>YB Dato' Sri Haji Fadillah bin Haji Yusof</b> (Minister, Ministry of Works (KKR) Malaysia)</p>
1000 - 1020	Keynote Address I: <b>YBhg. Dato' Seri Ir. Dr. Zaini bin Ujang</b> (Ministry of Green Technology and Water (KeTTHA))
1020 - 1040	<b>Coffee/Tea Break/ Exhibition</b>
1040 - 1100	Keynote Address II: <b>Prof. Dr. Hojjat Adeli</b> (Ohio State University, USA)
1100 - 1120	Keynote Address III: <b>Prof. Dr. Frank Bullen</b> (The University of Southern Queensland, Australia)
1120 - 1140	Keynote Address IV: <b>Prof. Dr. Fwa Tien Fang</b> (National University of Singapore, Singapore)
1140 - 1200	Keynote Address V: <b>Prof. Dr. Candan Gökçeoğlu</b> (Hacettepe Üniversitesi, Turkey)
1200 - 1400	<b>Lunch / Exhibition</b>
1400 - 1700	Parallel Sessions I
1400 - 1420	Invited Speaker (SEC): <b>Mr. Kamaluddin Hj Abdul Rashid</b> (JKR Malaysia)
1500	<b>Coffee/Tea Break/ Exhibition</b>
1930 - onward	GCEC 2017 Dinner

# PROGRAMME – CONFERENCE

Day 3: 27 July 2017 (Thursday)

Time	Event
0800 - 1100	Parallel Sessions II
1100 - 1130	<b>Coffee / Tea Break / Exhibition</b>
1130 - 1300	Parallel Sessions III
1300 - 1400	<b>Lunch / Exhibition</b>
1400 - 1600	Parallel Sessions IV
1600 - 1700	Closing & Giving Certificate Ceremony

Day 4: 28 July 2017 (Friday)

Time	Event
0800 - 0900	<b>Registration and Departure</b>
0900 - 1230	Technical Visit (Smart Tunnel, MRT)

# IMPORTANT LINKS

Online Registration >>>  
<http://bit.ly/registergcec2017>

Paper submission >>>  
[http://bit.ly/easy\\_chairgcec2017](http://bit.ly/easy_chairgcec2017)