

MESSAGE FROM CEE HEAD

30 June 2017

Dear CEE Colleagues, students, alumni and partners,

It is time for me to share some updates with you since the last message in December 2016. With the completion of Semester 2, AY2016, the department would like to congratulate all CEE students who did well in their examinations and heartiest congratulations to the graduating batch. CEE Department's commencement ceremony has been scheduled on 11 July 2017 at 8pm.

On the education front, the department has been made some updates to the curriculum to provide the incoming undergraduate students with more unrestricted elective module space to enable them to pursue more modules of their interest within the standard number of credits required for graduation. Given the higher flexibility, advice will be provided to students on their choice of modules, minors, and/or majors so as to ensure that they are well-positioned for their future career. We will also be welcoming our first batch of part-time BTech (Civil) students in August 2017.

Beyond undergraduate programmes, the department has 3 Graduate Certificate programmes supported under SkillsFuture Study Award for Singapore citizens. The programmes being offered now includes:

1. Graduate Certificate in Geotechnical Engineering
2. Graduate Certificate in Structural Design Technology
3. Graduate Certificate in Construction Productivity Enhancement
4. Graduate Certificate in Petroleum Engineering & Geosciences (yet to be supported by SkillsFuture Study)

Anyone interested can obtain more details at <http://cee.nus.edu.sg/programmes/GradCert.html>. Some of the first batch of Graduate Certificate in Geotechnical Engineering students have gained admission to our MSc programmes for the coming semester.

The department also offers short courses, such as Forensics Engineering for Civil, Structural and Geotechnical Engineers - Technical and Legal Issues, and Preparatory Course for PE Fundamentals of Engineering Examination. The details are available at <http://cee.nus.edu.sg/programmes/ShortCourses.html>

In addition to improving our curriculum and delivery in education, the department continues to be fully committed to performing high quality research. The department has been awarded \$3.66m in research grants for 12 projects over the period Jan – Jun 2017, from the Ng Teng Fong Charitable Foundation (NTFCF) Fund, NRF Marine Science Research and Development Programme (MSRDP), NRF L2NIC via SMART, NOL Fellowship Grant, Ministry of Education (MOE), NUS Enterprise Technology Acceleration Programme (TAP) Grant, Tectus Dreamlab Pte Ltd, NRF SMART Center for Environmental Sensing and Modeling (CENSAM), NRF SMART Innovation Centre Grant and EP-Nuffic via TU/e. Amongst the awards received for research, the most notable is the Best Research Paper Prize 2017 from the UK Institution of Structural Engineers presented to Professor Richard Liew Jat Yuen.

The department greatly appreciates the generosity of Woh Hup (Private) Limited for donating S\$1 million to set up the Woh Hup Visiting Professorship as part of its 90th anniversary celebrations. Through the Woh Hup Visiting Professorship, NUS Engineering will be able to invite leading experts, researchers, scholars and/or practitioners in the civil and environmental engineering field to the Faculty to conduct public lectures or short courses, where they can share their experiences, knowledge as well as best practices. The department hosted the first Woh Hup Distinguished Lecture on "GREAT BUILDERS" delivered by Raymond Paul Giroux, Dist.M.ASCE on 27 April 2017.

NUS presented the Outstanding Service Award to Professor Choo Chiau Beng, Provost's Chair and Professor (Practice) with Department of Civil and Environmental Engineering in NUS. The prestigious award is conferred on individuals who have contributed significantly to the development of the University,

Singapore and internationally.

Congratulations to our three Assistant Professors for winning the Annual Teaching Excellence Award (ATEA) 2015/16. They are three of the nine winners from Faculty of Engineering:

Dr Darren Chian Siau Chen (ATEA Awardee 2017)

Dr Lefebvre Olivier Patrick (ATEA Awardee 2017, 2016)

Dr Poh Leong Hien (ATEA Awardee 2017)

To improve connectivity amongst alumni, the department held a small gathering, on 16 June 2017 at the Kent Ridge Guild House, of 60 alumni representatives who completed their undergraduate studies with us over the period 1973 to 2016. Maintaining linkages within and between batches with occasional gatherings is a healthy means to promote bonding, sharing and exchange ideas with regards to career, social life and service to the profession. The department hopes that some of our alumni can form tables for the coming Annual Engineering Alumni Gala Dinner on 6 October 2017 at the NUS Kent Ridge Guild House.

Before closing, I take this opportunity to wish our new graduates all the best in their careers and a good term start for our staff and students. Do feel free to send us your feedback, suggestions, internship and career opportunities. You can find our updates on the department website and events calendar at <http://cee.nus.edu.sg>.

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Dean Professor Chua receiving the \$1 million cheque from Woh Hup Deputy Chairman & Directors



Professor Choo Chiau Beng at the University Awards 2017 on 28 April 2017



Dr Darren Chian Siau Chen Annual Teaching Excellence Award (ATEA) 2015/16 winner



Dr Lefebvre Olivier Patrick Annual Teaching Excellence Award (ATEA) 2015/16 winner



Dr Poh Leong Hien Annual Teaching Excellence Award (ATEA) 2015/16 winner



Professor Richard Liew and his PhD students won the Best Research Paper Award 2017 from the Institution of Structural Engineers (IStructE), UK

Department matters

Department matters - Appointment

Dr. Sau-Wai Wong, Professor (Practice) has joined the Department on 2 March 2017. Dr. Wong graduated from The University of Manchester, UK, with a B.Sc. (Honours) in Civil Engineering and a Ph.D. in Engineering. With a career spanning 30 years, Dr. Sau-Wai Wong began with D'Appolonia Engineers in Italy as a Geotechnical Engineer. In 1989, he joined Shell Research in the Netherlands, following which he took up multiple international assignments for Shell International Exploration & Production in the Sultanate of Oman, the Netherlands, Malaysia and USA. In USA, he was the Subsurface Technology Manager for Unconventional Oil. Subsequently, he was the Research & Development Manager for Unconventional Gas Technology, and was also the Principal Technical Expert in Geomechanics for Shell's worldwide operations, responsible for the network of Subject Matter Experts in all geomechanical related issues. He is the founder of Rybkarock, a Houston-based production engineering and geomechanics consulting firm.

Dr Paul ONG Pang Awn has been appointed as a Senior Lecturer in our Department on 1 February 2017. Dr Ong is part of the Centre of Offshore Research and Engineering (CORE) and is involved in the joint-research project of Very Large Floating Structures between CORE, JTC, SINTEF and MARINTEK. Prior to joining NUS, he has more than 10 years of experience in managing oil & gas projects in Sakhalin, Kazakhstan and Brunei. He has worked on both greenfield and brownfield projects, onshore and offshore pipelines. He is Chartered Engineer of ICE and IMarEST. Dr Ong obtained his PhD, Mechanical Engineering, University of Cambridge in 2004.

Professor Ng How Yong has succeeded A/Prof Gary Ong as Deputy Head (Administration) on 1 April 2017. We extend our appreciation to A/Prof Gary Ong who has served the department relentlessly in this position from 2005 to March 2017.

Professor Somsak Swaddiwudhipong will be reappointed as Adjunct Professor with effective from 1 July 2017.

Professor Fwa Tien Fang will be reappointed as Adjunct Professor with effective from 1 July 2017. Professor Meng Qiang will succeed Professor Fwa as Director, Centre for Transportation Research effective 1 July 2017. The department extends our appreciation to Professor Fwa for his dedication in leading the centre for the past years.

Ms Tan Sze Chee, Management Assistant Officer who joined the department on 1 June 2017 will be providing administrative support under the Research portfolio.

Department matters - Departure

Assistant Professor Barry C Kelly has resigned from NUS on 30 June 2017. We thank him for his dedication and support that he has given to the department over the years as B. Eng (Environmental) Final Year Project Coordinator, Student Club Advisor and Outreach Coordinator. We wish him all the best in his future undertaking.

Ms Tan Hwee Bee, Laboratory Technologist at Environmental TLab has resigned from NUS in March 2017 after more than 15 years in service. We thank her for her dedicated years of service to the department.

Achievements and Recognition

Faculty and Research Staff - Awards

Professor J.Y. Richard Liew and **Research Fellow Dr. Zhenyu Huang** received the Best Composite Structures Paper Award from Professor Kim J.R. Rasmussen and Professor Ben Young, under Chairman of Selection Committee at the 8th International Conference on Steel and Aluminum Structures (ICSAS 2016) on 7 – 9 Dec 2016, Hong Kong. This is the only one best paper selected from the composite structure category out of 152 papers presented in the conference. The paper which was entitled “Design of Steel-Concrete-Steel Sandwich Composite Shell Structures” presented research results from their on-going SembCorp-NUS Project on Static Resistance of Sandwich Structures Filled with Ultra Lightweight Cement Composite and Floatable Cement Composite. Professor Liew’s research group developed an ultra-lightweight floatable concrete that have a structural compressive strength of more than 40MPa. This is a major breakthrough in research on cementitious composite materials for weight-sensitive structure application.

Dr LI, Yunyue Elita’s technical presentation of paper titled, “Extrapolated full-waveform inversion (EFWI) with synthesized low-frequency data” was ranked top 30 papers presented at the Dallas meeting at the 2016 Society of Exploration Geophysicists (SEG) Annual Meeting in Dallas, Texas on 16 – 21 Oct 2016.

Two students Lim Kia Teng and Zhou Jiahao from NUS High School of Mathematics and Science supervised by **Professor Hu Jiangyong** and **Research Fellow Dr Lim Fang Yee**, received the 1st prize in the Singapore Junior Water Prize Competition 2017 on 26 May 2017. The students will be competing for Stockholm Junior Water Prize in Stockholm in August 2017.

Faculty and Research Staff - Plenary/Keynote/Invited Lectures

Professor Quek Ser Tong was invited to deliver a Distinguished Lecture at the School of Civil Engineering, University of Queensland on 20 February 2017.

Professor Hu Jiangyong delivered a Keynote speech on “Emerging Organic Contaminants in Water-Do We have A Solution?” in 6th Annual International Conference on Sustainable Energy and Environmental Sciences, 6 - 7 March 2017, Singapore.

Professor Ng How Yong presented a key note speech on “How R&D can Help Singapore to achieve Water Self-Sufficiency in the Near Future?”, Future Water Management in the 4th Industrial Revolution Era Workshop in Water Korea, 21 – 24 March 2017, Gwangju, South Korea.

Professor Ng How Yong and Research Fellow, K. Y. Leong delivered a key note speech on “Singapore Waste Management and the Challenges” at the 2nd International Conference on Biological Waste as Resource 2017, 25 – 28 May 2017, Hong Kong.

Professor Chua Kim Huat, David has been invited as keynote speaker at the Digital Convention & Summer School 2017, 4 - 8 September 2017, Leibniz University Hannover, Germany

Faculty and Research Staff - Professional Recognitions

Professor Yong Kwet Yew, Vice President (Campus Infrastructure) has been appointed as Chair for the Ministry of National Development R&D Technical Panel from 1 Jul 2017 for a 2-years term to provide technical input and advice to MND under the Cities of Tomorrow Programme.

Professor Ng How Yong was appointed as President of Environmental Engineering Society of Singapore (EESS) effective 25 February 2017. Established in 1978, the society is an independent, non-profit, non-governmental organization financed by member subscriptions and by specialist activities such as offering specialized short courses, seminars and workshops.

Professor Meng Qiang has been appointed as Changjiang Scholar Chair Professor at Dalian Maritime

University, China, from 1 April 2017 to 31 March 2020. Dalian Maritime University will be providing supporting research fund of 1,500,000 RMB over 3 years for conducting collaborative research in transportation and maritime area with its Transportation and Management College.

Professor Chow Yean Khow has been selected by the editor of the International Journal of Geomechanics as an ASCE 2016 Outstanding Reviewer on 1 March 2017.

Associate Professor Rajasekhar Balasubramanian was invited by United Nations Environment Program Chief Scientist to contribute a chapter to the “Global Environment Outlook” Report as a Lead Author.

Associate Professor Rajasekhar Balasubramanian was invited by Prof Chong Tow Chong (Provost, SUTD) to be a member of the ATS (A*STAR Talent Search) Judging Panel.

Associate Professor Rajasekhar Balasubramanian was invited to serve as a Group Leader for the Short-listing Round and judge for the Final Judging Round on 27 April 2017 at ATS Final Judging 2017.

Associate Professor Vladan Babovic’s appointment as a member of National Panel of Experts for Adaptation to Climate Change is extended until 30 June 2017.

Professor Ng How Yong has been nominated Chair, Organising Committee of the 8th International Water Association (IWA) Membrane Technology Conference & Exhibition for Water and Wastewater Treatment and Reuse (IWA-MTC 2017) in Singapore from 5 to 9 September 2017.

Associate Professor Rajasekhar Balasubramanian was invited to be on The Technical Committee at the 2018 International Aerosol Conference (<http://2018iac.org/>) which will be held on 2 - 7 September 2018 in St. Louis, US.

Professor Choo Yoo Sang has been invited to serve as a member of the International Scientific Committee at the International Conference on Engineering Research and Practice for Steel Construction (ICSC 2018) from 5 to 7 September 2018 in Hong Kong. The Conference is organized by the Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch) at the Hong Kong Polytechnic University.

Students - Awards

Undergraduate Students

Platinum Award at NUS Student Achievement Awards 2017

During the NUS Student Achievement Awards 2017, Operation Orion 2015, an Overseas Community Involvement Programme (OCIP) under the Civil Engineering Club, won the Platinum award for Projects (Community Service) in February 2017. Started in the year 2000, Operation Orion has been engaging overseas and local communities alike.

The highlight of the project was an overseas expedition to Prey Veng province, Cambodia. The trip's focus was on planning and managing the house and water catchment construction in the village. The team also ran some education programmes and had a Christmas celebration at the nearby orphanage.



Operation Orion 2015 won Platinum Award at NUS Student Achievement Awards 2017

NTU Bridge design competition 2017

NUS Civil Engineering Students supervised by Dr Poh Leong Hien won 1st and 4th prize at NTU Bridge design competition on 5 March 2017. A total of 25 teams participated in the university category, with representatives from the four Singapore universities, as well as Indonesia's and Malaysia's tertiary institutions.

Team "Ditto2.0", comprising **Hee Zhan Zhykn** (Year 2) and **Teo Yong Chian** (Year 2), won the first place with S\$600 cash award. Another team "2Free", comprising of **Zeng Zhuohong** (Year 4) and **Deng Minxuan** (Year 3), won the fourth place with S\$150 cash award. The event was sponsored by the Building and Construction Authority, RSP Architects Planners & Engineers Pte Ltd, The Institution of Structural Engineers and Koon Holdings Limited.



The teams at the NTU Bridge design competition 2017 with Dr Poh Leong Hien

From the winning team: *"It is a great pleasure to represent NUS in the recent NTU Bridge Competition. The team have certainly worked hard and earned their merits in the competition. We would also like to thank our peers and professor, Dr Poh for the support and advice. Throughout the competition, we were able to apply what we have learnt into designing and fabricating the bridge, as well as teamwork and presentation skills. Though there were some difficulties faced in the process, we embraced them and take it in to fuel ourselves to improve in the near future. The overall experience was good and enriching, and we look forward to the next competition."* – **Hee Zhan Zhykn and Teo Yong Chian**

Postgraduate students

Ph.D. Student **Rajaj Biwas** under Dr Poh Leong Hien's supervision was one of the 4 finalists for a student paper competition at ASCE EMI conference in San Diego. He emerged as the winner at the conference held from 4 – 7 June 2017 which attracted more than 700 participants.

The Provost Office (PVO) has selected **Nishtha Manocha** Ph.D. student under supervision of Associate Professor Vladan Babovic to represent NUS for the Chicago Forum on Global Cities, a three-day international conference in Chicago, from 7 – 9 June 2017.

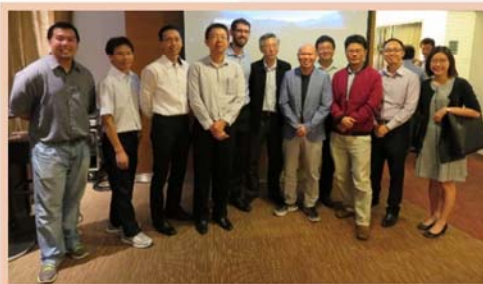
Alumni

The Class of 1985 had their reunion on 15 Dec 2016 at the Kent Ridge Guild House. Six faculty from the department had a happy meeting with the alumni. Professor Quek Ser Tong updated the Alumni on recent developments on the university, faculty and department.



The class of 1985 with their professors at their reunion dinner

The inaugural **Civil Engineering Alumni Networking event** comprising 60 representatives from various cohorts from 1973 to 2016 was held on 16 June 2017 at Kent Ridge Guild House at The Chill- Lab.



The CE Alumni and Professor Quek Ser Tong, Head, Department of Civil & Environmental Engineering

Past Events

Engagement with Industry - Public Talks

<u>Date</u>	<u>Title</u>	<u>Speaker</u>
15 May 2017	"Big Data meets Extreme Events in an Interconnected World Climate Change Adaptation, Critical Infrastructures Resilience, and the Sustainability of Key Resources"	Dr Auroop R Ganguly, Associate Professor, Northeastern University, USA
15 May 2017	"Design to EN 1993 – challenges, opportunities and changes"	David Brown Associate Director, Steel Construction Institute (SCI)
9 May, 2017	"New price-competitive and strong artificial lightweight aggregates synthesized from cementless fly ash binder"	Jae Eun Oh, Associate professor, School of Urban and Environmental Engineering, UNIST (Ulsan National Institute of Science and Technology), Korea
27 April 2017	Woh Hup Distinguished Lecture: "GREAT BUILDERS"	Raymond Paul Giroux, Dist.M.ASCE
7 April 2017	"The Evolution of Outrigger System in Tall Buildings"	Goman HO, Arup Fellow, Adjunct Professor of Hong Kong Polytechnic University
6 March 2017	Structural Steel & Concrete Composite Research Group Annual Seminar 2017 "Design of buildings and protective structures using steel & composite materials"	Sponsors are Continental Steel Pte Ltd and Yongnam Engineering and Construction Pte Ltd
6 February 2017	"Prolonging Life Time of Old Steel and Steel-Concrete Bridges"	Professor Peter Collin, Ramböll / Luleå University of Technology
26 January 2017	"Winning Land Out of Water: Polders in the Netherlands and in Singapore"	Professor ir. Kees d'Angremond HDB's Expert Advisor for the Polder Development in Pulau Tekong
26 January 2017	"Geoinformatics applications in natural resource management & planning"	Dr Venkata Ravibabu Mandla, VIT-University, Vellore, India

Department Meetings, Briefings and Activities

CEE Day for students and staff organized by the CE and ESESC Students Clubs and supported by HDB and department was held on 25 January 2017 at LT7. A competition in selecting the most interesting engineering solution to climate change and coastal protection also took place during the event.



Lots of fun and eating at CEE Day

58 CVE students participated in **B. Eng. (Civil) Final Year Project Poster Session AY2016/2017** that was held on 11 May 2017 and industry partners were invited to examine the posters related to research activities in Hydraulic, Offshore, Geotechnical, Structure, Concrete and Transportation & Project Mgmt. The invited external examiners include Dr Ooi Poh Hai (KTP Consultants Pte Ltd), Dr Ng Tiong Guan (Golder Associates), Er Chua Tong Seng (Kiso-Jiban Singapore Pte Ltd), Er Lee Chee Weye (Surbana Jurong Consultants Pte Ltd), Ms Wang Peng (CPG Consultants Pte Ltd), Dr Tan Jun Yew (Samwoh Corporation Pte Ltd) and Dr Joel Teo (Land Transport Authority).



Poster viewing segment outside LT6

B. Eng. (Environmental) Final Year Project Symposium 2017 showcased 91 research projects and sponsored by Witco Envirotech Pte Ltd and supported by Department was held on 24 March 2017. The research categories include Air Pollution & Climate Change, Environmental Monitoring & Assessment, Environmental Biotechnology, Biological Processes, Physico-chemical Processes and Waste and Biomass Valorization. The invited speakers were **Mr Jonah Joshua Simon**, Head, GWC Regulation & Enforcement, Waste & Resource Management, National Environment Agency and **Ms Shih Wei WONG**, Assistant Project Manager, Water & Urban Development, AECOM.

We were privileged to have 28 judges to help us select the most outstanding research posters from the above research clusters. Some of the feedback received from the judges include:

“The students did an amazing job. Congratulation to all of them”

“The posters have high technical/scientific content. Most of the students can communicate it well.”

“All posters were well presented and queries answered.”

“Student display good understanding of end process. Useful for actual plant operation application.”

“Students all showed beyond average understanding of subject.”



A group photo with all the final year project students, judges, guests and professors

NUS Open Day 2017 on 11 March 2017 was well received from enthusiastic students and parents. The CEE team demonstrated incredible unity.



A group photo with our students, professors and support staff at the end of a long day

Engineering Open House 2017 for CEE was held at LT5 on 13 May 2017 Sat afternoon and attracted prospective students and their parents to the event. Current students and Alumni were invited to share their experiences.

CEE held **Department meetings** on 3 February and 21 April 2017 to update academic and Executive & Professional Staff on new guidelines, policies and urgent issues on administration, student, research and projects/outreach matters.

The first **Department Consultative Committee Meeting** for the new term 2017 – 2018 was conducted on 19 April 2017. The details of the committee is available at <http://cee.nus.edu.sg/people/DCC.html>. The topics in discussion include recent curriculum changes and research initiatives.

Briefings on IA and SEP: The 24 weeks internship (Industrial Attachment or IA) for engineering students admitted in AY2014 cohort and onwards was rolled out in January 2017. Professor Richard Liew, Department IA Coordinator gave a briefing to the students and IA mentors on 5 January 2017 before the students start their internship. The slides and mentor-mentee contact information following the session was shared via email for their future reference.

The department had two **get together sessions**; High Tea @ Carosel Royal Plaza on Scotts on 23 February 2017 and a Loh- Hei session cum lunch to celebrate Chinese New Year on 3 February 2017.

CEE participated at the **29th KKHTCNN Symposium** on Civil Engineering on 3 – 5 December 2016, Hong Kong. Mr Li Shan, Ph.D. Student won one of the Best Presenter Awards at the event.



Group photo at 29th KKHTCNN Symposium on Civil Engineering on 3 – 5 December 2016, Hong Kong

Student Events

34 companies participated at the annual **BCA-NUS Networking Session** on 20 Jan 2017. The event organised by BCA and CEE is for companies to promote their offerings on Scholarship, Internship and Career opportunities for students from CEE, Electrical Engineering, Mechanical Engineering and SDE students. 408 students registered for the event. 12 companies held talks to share more indepth information with the students. The 34 participating companies include:

AECOM SINGAPORE	ANDES CONSULTANTS PTE LTD	BUILDING AND CONSTRUCTION AUTHORITY
CHIP ENG SENG CONTRACTORS PTE LTD	CHYE JOO CONSTRUCTION PTE LTD	DK OUTSOURCE PTE LTD
DLE M&E PTE LTD	DRAGAGES SINGAPORE PTE LTD	DREDGING INTERNATIONAL ASIA PACIFIC PTE LTD
E M SERVICES PTE LTD	ENERGY MARKET AUTHORITY	HOUSING & DEVELOPMENT BOARD
HSL CONSTRUCTOR PTE LTD	ID ARCHITECTS PTE LTD	KEN-PAL (S) PTE LTD
KEPPEL LAND	KIMLY CONSTRUCTION PTE LTD	LAND TRANSPORT AUTHORITY
MCC SINGAPORE	MOTT MACDONALD SINGAPORE PTE LTD	NATSTEEL HOLDINGS PTE LTD
Otis Elevator Co (S) Pte Ltd	PM LINK PTE LTD	RIGHT CONSTRUCTION PTE LTD
SAMWOH CORPORATION	SCHINDLER LIFTS (SINGAPORE) PTE LTD	SEIKO ARCHITECTURAL WALL SYSTEMS
SEMBICORP DESIGN & CONSTRUCTION PTE LTD	SH DESIGN & BUILD PTE LTD (SHDB)	SOILBUILD CONSTRUCTION GROUP LTD
STRAITS CONSTRUCTION SINGAPORE PTE LTD	Surbana Jurong Private Limited	TEAMBUILD ENGINEERING AND CONSTRUCTION PTE LTD
WOH HUP (PRIVATE) LIMITED		

The feedback from students were very encouraging:

“The opportunity to provide my resume to the companies present such that I can start off with a career faster.”

“We can talk to both engineers and HR officers to know future expectations of us as engineers as well as tips on interview and resume.”

The **CVE Graduation Night** @KF1 Karting Circuit organised by the graduating students themselves took place on 12 May 2017.



The **EVE Graduation night** @ The Flame Café organised by the ESESC Students Club for the graduating students was held on 12 May 2017.



The department participated at the **IDEERS Earthquake Competition** held on 10 - 11 September 2016 in Taipei, Taiwan. The team comprised Leow Chun Beng, Feng Weidong, Luo Siwei, Eko Widiyanto led by faculty, Dr Low Ying Min clinched 7th position out of 49 teams for Efficiency Ratio. The team also obtained the Design Exhibition Concept Award with cash and certificate, “Quake Resistant Certificate”, and was nominated for Aesthetic Architecture Award. For more details, please visit <http://www.ncree.org/ideers/2016/Award/>, (college section).



The team and Dr Low Ying Min at the IDEERS Earthquake Competition

Site Visits: With the support of industry partners, academic staff and student clubs, the students visited the following companies and the work sites to gain some practical knowledge:

<u>Company</u>	<u>Date of Visit</u>	<u>Faculty</u>
JTC Surface Engineering Hub	28 March 2017	A/Prof Chan Weng Tat
Forest City Reclamation Works	8 April 2017	Dr Chew Soon Hoe



A site visit by 17 students from Master of Science (Civil) MSc class CE5106 “Ground Improvement and Monitoring” Forest City Reclamation Works (at JB next to second link).

Visits to Department of Civil and Environmental Engineering (CEE)

The following universities visited the Department:

- School of Transportation and Logistics, Dalian University of Technology, 22 June 2017
- Maritime Environmental Resources and Information Center, The University of New Orleans, 22 May 2017
- Office of Naval Research, USA, 18 May 2017
- Ho Chi Minh City (HCMC) University of Transport, 7 April 2017.
- VIT University, Vellore, India, 27 March 2017
- School of Civil Engineering of ChongQing University, China, 8 -9 February 2017
- Universiti Putra Malaysia, 14 February 2017
- Urban and Regional Planning ITS, Indonesia, 3 February 2017
- Seoul National University, 23 January 2017

Coming Events

CESE Camp 2017 organised by our student Clubs: CE Club and ESESC for the new undergraduate students will be held from 10 - 13 July 2017 with the Camp name: Mise-en-scène and the chosen theme is Hollywood.

The Annual Engineering Alumni Gala Dinner on 6 October 2017 (Friday), 6.30 pm, is hosted at the Guild Hall, Kent Ridge Guild House. For registration and information, please email to Desmond Koeiy at engkcpd@nus.edu.sg or call at 65167925.

The **Engineering Accreditation Board visit** to review B. Eng. (Civil) programme and B. Eng. (Environmental) programme have been rescheduled to be held on 27 - 29 March 2018.

Publications/Media

Mr Lim Chong Tee and **Mr Vincent Loka** (B. Eng. Environmental 2016 & 2015 graduates together with Mr David Pong (B. Business Administration 2014 graduate) set up WaterROAM, a water innovation enterprise in 2014 has been selected by NUS Office of Admissions to be featured in the Recruitment Campaign for 2017 in various publicity media.

Ms Neo Lay Kiat (Civil Engineering Graduate 2007) was featured in The Business Times on 5 June 2017: Taking the path less travelled - page 2 (Top stories). The story featured women who left Singapore to work in traditionally male-dominated industries overseas. Ms Neo Lay Kiat is currently working in Dubai, with British construction firm Faithful+Gould.

Congratulations to **Mr Tan Yoong Heng** (B. Eng. (Civil) 1997 and M.Eng. 2001) who has been appointed to lead the Arup Singapore office with effect from April 2017.

The [Engineering Annual Report 2016](http://www.eng.nus.edu.sg/wp-content/uploads/NUS-Engineering-Annual-Report-2016.pdf) is now available at the link <http://www.eng.nus.edu.sg/wp-content/uploads/NUS-Engineering-Annual-Report-2016.pdf>

The faculty's magazine "The NUS Engineer" can be downloaded at <http://www.eng.nus.edu.sg/wp-content/uploads/The-NUS-Engineer-03-Pages-2016.pdf>

Besides receiving updates at our CEE website at <http://cee.nus.edu.sg/> , you can also check our news at facebook page [NUS CEE - Civil & Environmental Engineering](#) or [@NUSCEE](#).

Do click at the link <http://cee.nus.edu.sg/updates/NewsFromMediae.html> if you wish to read/listen to the interviews with our Professors.