

MESSAGE FROM CEE HEAD

3 January 2018

Dear CEE Colleagues, students, alumni and partners,

Warm Greetings and on behalf of CEE Department, may I wish you a Refreshing, Healthy and Successful 2018. I will update you on the state of our department since my last message on 30 June 2017.

2017 ended with a handful of delightful news. On the education front, the undergraduate intake in our Civil Engineering programme is experiencing an upward trend with better student quality and slight increase in enrolment. Efforts by the Faculty in promotional activities, enhancing environment and welfare, and adjusting our curriculum and teaching to changing industry and students' expectations are slowly bearing fruits. We admitted our first batch of 42 part-time BTech (Civil) students and will also open the application in January 2018 for the Professional Certificate Programme in Civil Infrastructure which is especially useful for our former B. Eng. (Environmental Engineering) graduates who want to qualify for registration as PE in Civil Engineering. Supporting the Skills Future Initiative, 26 of the pioneer batch of Geotechnical Engineering's students received their Graduate Certificates from our Dean at the inaugural ceremony on 25 September 2017. Graduates fed back that they are now trained to tackle real world complex geotechnical engineering problems related to geotechnical investigation, monitoring, ground improvement, deep excavation, pile foundation and tunnelling. Eleven and one of these graduates continue on to pursue the M.Sc. (Geotechnical) and M.Sc. (Civil), respectively, and they are progressing well. With four Graduate Certificate programmes on offer, we have thus far enrolled more than 100 students. The department continues to offer short courses, such as Seismic Acquisition, Seismic Processing and Imaging, Downhole Measurements for Petroleum Engineering, Petroleum Production Engineering and Preparatory Course for PE Fundamentals of Engineering Examination. More information on the courses can be viewed through the link at <http://cee.nus.edu.sg/programmes/ShortCourses.html>. To encourage more Singapore students to take up Ph.D. research especially in industry relevant topics, the department welcomes partnership with companies to train their employees and/or scholars.

Over the last 6 months, the department has been awarded three research grants from GSK-Singapore Partnership for Green & Sustainable Manufacture, SimTech and Ministry of Education, exceeding \$1m. Some new grant support from external organizations are in the finalization stage and the department will continue to ensure that our research are at the forefront and translatable to the industry.

Our staff, students and alumni have done us proud by winning awards and presenting keynote lectures. Details are appended to this note. Worthy of highlight are our undergraduate students winning the Championship at the BCA Annual Productivity Challenge, alumnus Associate Professor Le Jia-liang winning the EMI Leonardo da Vinci Award from ASCE and alumnus Dr Li Si at Peking University accorded the IUVA Young Professional Award at IUVA World Congress in Croatia.

Civil Engineering Alumni Er. Lim Peng Hong, Managing Director, PH Consulting Pte Ltd kindly graced our Department's Commencement Ceremony as Guest Speaker on 11 July 2017. A total of 417 CEE degrees were conferred in 2017, comprising 218 undergraduates, 17 Masters and 38 PhD graduands. Further details can be viewed at <http://cee.nus.edu.sg/alumni/commencements.html>

The department is fortunate to be supported by generous donors in 2017. The Singapore Contractors Association Limited (SCAL) established the SCAL Bursary for undergraduates, with contributions of \$400,000 from DBS Bank Ltd, JYC-NCL Pte Ltd, Lum Chang, Mitsubishi Electric Asia Pte Ltd, SCAL Resources Pte Ltd, Straits Construction Singapore PI, Teambuild Engineering & Construction Pte Ltd and TPS Construction Pte Ltd. The Tunnelling and Underground Construction Society Singapore (TUCSS) presented another gift of S\$15,000 to our department to set up the TUCSS Geotechnical Engineering Prize. Ms Anjali Iyer has kindly contributed another \$75,000 to the SD Ayer Scholarship. Our CEE staff also donated more than \$25,000 to start the CEE Department Bursary / Scholarship Fund. Any one wishing to make contributions to the latter can contact Ms Phyllis Lim at ceelbhp@nus.edu.sg

In addition to the Engineering Alumni Gala Dinner held on 6 October 2017, the department also connected with our alumni, through the Civil Engineering alumni gathering on 16 June 2017 and the Environmental Engineering alumni on 15 September 2017 at the NUS Kent Ridge Guild House. The networking session provided opportunities for updates and discussions on how we can work together to produce future ready graduates (including IA placements), provide meaningful continuing education for our alumni and foster closer ties.

With regards to CEE staff, Michael Si joined us in October as Professor (Practice) and Professor David Chua Kim Huat has been appointed as Vice Dean (Student Life, Alumni & Development) on 1 January 2018. Professor Richard Liew has kindly agreed to take over from David as the Deputy Head (Research). The department wishes to acknowledge to decades of contributions by Professors Fwa and Somsak who have retired in 2017 and agreed to continue to serve as adjunct professors. Our laboratory technologist Mr Goh Joon Kiat has retired and his valuable contribution is gratefully acknowledged.

For 2018, the department will continue to examine new pathways to serve the needs of potential students and disruptions from technology faced by the industry. With the changing trend in postgraduate education, more Graduate Certificate programmes and tie-ups with overseas institutions are on the drawing board. In view of a number of staff that will be retiring over the next couple of years, significant efforts will be made to recruit quality staff to continue our pursuit of excellence. This also provides opportunity to re-think about our research directions, guide our recruitment effort and focus our collaboration with the industry. The doors of the department will continue to be open to our alumni to be lifelong partners in delivering our educational objectives and provide students with positive memorable experiences.

The Engineering Accreditation Board visit for the two undergraduate programmes; B. Eng. (Civil) and B. Eng. (Environmental) have been rescheduled to the end of March 2018. I take this opportunity to thank everyone who has contributed towards the preparation of the documents.

In closing, I wish our friends, alumni, staff and students another fulfilling journey in 2018. Do feel free to send us your feedback, suggestions, as well as internship and career opportunities. You can find our updates on the department website and events calendar at <http://cee.nus.edu.sg>.

With sincere and warm regards.

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Department matters

Mr Si Boon Ing Michael has joined the Department of Civil and Environment Engineering at NUS as Professor (Practice) on 23 October 2017. Michael has 35 years' engineering experience in the Oil & Gas industry, predominantly in the areas of offshore structures both in the research, and exploration & production (E&P) sectors. He began his career with McDermott Singapore as an offshore structural design engineer after completing his Master of Science in Civil Engineering at Massachusetts Institute of Technology (MIT) and his Bachelor of Science in Civil Engineering at Columbia University. In 1988, he joined Royal Dutch Shell Group Companies initially as Head of Structural Integrity in Sarawak Shell Berhad, Malaysia and subsequently Senior Offshore Structures Engineer in R&D on Structural Reliability at Shell Research in the Netherlands. Most recently, from 2011 to 2016, he was posted to Kuala Lumpur and during this period, he was an extended leadership team member of Shell Project & Technology East organization and a member of the Malikai project leadership team with prime accountability as Civil Marine/Hull Manager overseeing the Malikai Tension Leg Platform design.

Michael is a member of the Tau Beta Pi Honour Engineering Society (Columbia University) and the Sigma Xi Scientific Research Society (MIT). He has served as the Programme Committee Chairman of the American Society of Civil Engineers for the Offshore Technology Conference (Asia) in 2014 and 2016.

We congratulate **Professor Chua Kim Huat, David** on his appointment by the Faculty of Engineering as Vice Dean (Student Life, Alumni & Development) with effect from 1 January 2018.

Following Professor David Chua's new appointment, the department is pleased to appoint the following faculty to the new roles effective 1 January 2018. Please continue to provide your support to our colleagues:

- 1) **Professor Richard Liew Jat Yuen** - Deputy Head (Research)
- 2) **Associate Professor Gin Yew-Hoong, Karina** - Associate Head (Research)
- 3) **Dr Chew Soon Hoe** - Department's IA Coordinator and Chair of Industry Engagement.
- 4) **Associate Professor Gin Yew-Hoong, Karina** - Chair for Students and Alumni Affairs Committee and oversee both student clubs.
- 5) **Dr Justin Yeoh Ker-Wei** - CE Club's Advisor and Co-Chair of Students and Alumni Affairs Committee. Dr Lefebvre Olivier Patrick and Associate Professor Gin Yew-Hoong, Karina remain as ESESC Club Advisors.

Professor Fwa Tien Fang and **Professor Somsak Swaddiwudhipong** have been reappointed as Adjunct Professors with effective from 1 July 2017. **Professor Meng Qiang** succeeded Professor Fwa as Director, Centre for Transportation Research effective 1 July 2017. We thank Professor Fwa and Professor Somsak for their many years of dedication and service towards the growth of the department.

Ms Sangeetha d/o Govindasamy (8 August 2017) has joined our department as Management Assistant Officer.

Dr Chua Pei Wen, Vivien will be leaving NUS to look after her daughter. Congratulations on the new-born and we wish them all the best.

Mr Goh Joon Kiat, Laboratory Technologist has retired and his valuable contribution is gratefully acknowledged.

Achievements and Recognition

Faculty and Research Staff - Awards

Associate Professor Gin Yew-Hoong, Karina led a team of six ESE 1001 undergraduate students to win the Merit Award of S\$1,000 in the Tertiary School Category Green Wave Environmental Care Project for Schools 2017 with the project "NUS Foodations" on 27 Nov 2017. One of the students also

won the Good Presenter Award. The competition is organized by Sembcorp Marine's School Environmental Care Project Committee.

Professor Philip Liu Li-Fan was presented the inaugural 'Hamaguchi Award' for his outstanding achievement and contribution to tsunami and coastal disaster resilience technology. The award presentation took place on 1 November 2017 in Japan.

Dr Ong Ghim Ping, Raymond received the SAC Assessor Award (Gold) from Singapore Accreditation Council (SAC) in recognition of his contributions to the SAC programme during the SAC Assessors Enclave 2017 on 15 Nov 2017 at the Suntec Singapore Conventional & Exhibition Centre.

Dr. Wang Yu and **Ph.D. student Li Shan** in the Fire Engineering Research Team supervised by Professor Richard Liew won the Silver Prize out of 7 shortlisted teams in the project competition at OWICS 2017 (23 - 25 August 2017) organized by American Concrete Institute (Singapore Chapter). Li Shan was awarded the Best Presenter award. The research investigated the effect of polypropylene fibre on the mechanical properties of high-strength concrete after being exposed to elevated temperatures.

Faculty and Research Staff - Plenary/Keynote/Invited Lectures

Associate Professor Yu Liya was one of the three keynote speakers for the 5th International Conference on Environment Pollution and Prevention (ICEPP 2017) and 4th International Conference on Environmental Systems Research (ICESR 2017) held at Nanyang Executive Center, Nanyang Technological University, Singapore, 14 -16 Dec 2017.

Dr Raymond Ong was invited by the Imam Abdulrahman bin Faisal University to deliver a keynote lecture on "Improving Safety in a Multimodal Urban Transportation Environment: Singapore's Experience and Perspective" at the 4th Traffic Safety Forum and Exhibition held on 11-13 December 2017 at Dammam, Saudi Arabia. The Forum was organized by the Saudi Traffic Safety (SALAMH) & General Directorate of Traffic and was attended by more than 150 attendees.

Associate Professor Rajasekhar Balasubramanian was invited by The International Atomic Energy Agency (IAEA) through MFA & NEA to participate in a technical meeting held at Vienna from 27 to 29 September 2017.

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 Hu Jiangyong received the "Excellence in Reviewing" award for 2017 in Springer Science + Business Media's International Journal of Environmental Pollution: Water, Air & Soil Pollution.

Professor Choo Yoo Sang has been invited to be a committee member of the International Scientific Committee of the 9th International Conference on Advances in Steel Structures (ICASS 2018) in Hong Kong on 5 – 7 Dec 2018.

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

Professor Choo Yoo Sang was invited to serve as a member of International Scientific Committee for the Eighth International Conference on Thin-Walled Structures (ICTWS 2018) at Instituto Superior Técnico, University of Lisbon, Portugal, on 24 – 27 July 2018.

Professor Choo Yoo Sang has been re-appointed as Singapore's covering focal point for the Subcommittee on SCMSAT under the ASEAN Committee on Science and Technology (COST) from 1 August 2017 to 31 July 2020.

Professor Tan Kiang Hwee has been certified as Fellow of Japan Society of Civil Engineers on 22 September 2017.

Professor Hu Jiangyong was nominated as Chair of International Water Association Specialist Group Management Committee on Assessment and Control of Hazardous Substances in Water in September 2017 in Vienna, Austria.

Dr Ong Ghim Ping, Raymond received a certificate of appreciation from the International Society for Maintenance and Rehabilitation of Transport Infrastructures (iSMARTi) on 21 July 2017 for his contribution to the Society and to the inaugural MAIREINFRA conference in Seoul, South Korea.

Prof Ng How Yong, Prof Ong Say Leong and their team of researchers, from the Centre for Water Research (CWR) in NUS Civil & Environmental Engineering, clinched First Prize at the Third "GCL Cup" of the International College Green Energy Technology Innovation and Entrepreneurship Competition held in Suzhou, China (20 - 21 October 2017). Led by **Dr Shi Xueqing** and **Dr Low Siok Ling**, the NUS Engineering team's submission titled "Algae Fuel", focused on an integrated technology system for wastewater treatment and biodiesel production.

Professor Chua Kim Huat, David and **Professor Koh Chan Ghee** received an academic invitation to visit Central South University (CSU), Changsha, China on 19-20 October 2017. The university is very strong in railway research and has a key national lab on high-speed rail. Professor David Chua held a seminar on: "Future of Building Information Modeling" while Professor Koh Chan Ghee's seminar was on: "Challenges and Strategies in Structural System Identification".

Professor Quek Ser Tong was invited to participate in a workshop held on 29 June 2017 at Monash University to discuss on the directions for the ARC Industry Transformation Research Hub on Nanoscience based Construction Materials. He was invited to visit the University of Melbourne, Department of Infrastructure Engineering on 30 June 2017 to discuss on possible collaborations.

Students - Competitions

Undergraduate Students

Congratulations to our Year 4 Civil Engineering undergraduates for their outstanding performance at the annual Productivity Challenge organised by Building and Construction Authority (Singapore).

Led by Professor David Chua, and mentored by Professor Tan Kiang Hwee and Mr Venkatesan Karthik from NUS CEE - Civil & Environmental Engineering, Team BusyMan (Tai Zi Yi; Tan Jing Qun; Yun Shu Jun; Alexander Mathew Noronha; and Sia Song Yu) took home the Championship, while Team NUSBoleh (Poh Wee Ling, Prissy; Chia Bing Jin; Lim Jia Qi, Jamie; and Poh Qi Yue, Ian) clinched the second runner-up prize. The challenge is a project-based competition for tertiary students, participating in teams of five, over a six-week period. The teams were required to demonstrate engineering knowledge in the choice of buildable systems and labour efficient construction methods to improve productivity in the construction sector.



Team BusyMan and Professor David Chua

Congratulations to GPGH Team comprised 5 Year 4 Environmental Engineering students; Andrew Chiang, Valerie Khoo, Andre Low, Daniel Ye and Benjamin Ng who participated in the Build Green: Student Edition 2017 organized by Building Construction Authority (BCA), held at Singapore Management University Administration Building held on 22 July 2017 during the Singapore Green Building Week (SGBW) 2017.

“Build Green: Student Edition 2017” is a lead-up event that aims to reach out to students as end-users of the built environment. The theme for this year’s event was Envisioning Smart Retail Living. The team had to complete tasks given at 11 stations which include identifying different green building designs, or project facilities management problems related to green building designs. The team won the 1st Prize and received an Apple Watch Gen 1 each on 12 September 2017.



The winner - GPGH

A team of Civil Engineering Year 3 and Year 4 students: Leow Chun Beng, Ng Wee Ping, Yulianti and Ernest Wee Guang Yi led by Dr Low Ying Min participated in the IDEERS 2017 competition on 22 September 2017. The competition entitled "Introducing and Demonstrating Earthquake Engineering Research in Schools (IDEERS)" is to promote earthquake engineering and seismic protection education and encourage students to participate in a creative scientific competition. The competition jointly organized by NCREE, National Applied Research Laboratories (NARLabs) and British Council (BC). was held at the Taiwan National Center for Research on Earthquake Engineering (NCREE).



Dr Low Ying Min and the participants at IDEERS 2017

Postgraduate Students

Ph.D. student **He Miao**, supervised by Professor Hu Jiangyong won the Best Student Poster Presentation Award for her poster paper titled “Evaluation of catalytic effect in a hybrid system of ozone/ceramic membrane” during the 8th International Water Association Membrane Technology Conference and Exhibition for Water and Wastewater Treatment and Reuse in 5 – 9 September 2017 in Singapore.

Ph.D. students **Chen Yiwei** and **Liu Xiaochen** supervised by Professor Hu Jiangyong won Best Oral Presentation Award in 26th KKN symposium, 5-8 July, Korea, 2017.

Ph.D. student **Wang Zuxin** supervised by Dr Lefebvre Olivier Patrick won a Student Paper Communication Award for “High performance and durable graphene-coated cathode for electro-Fenton” at the 5th European Conference on Environmental Applications of Advanced Oxidation Processes. 29 June 2017, Prague, Czech Republic.

Alumni

The department invited department’s scholarship/bursary/book prize sponsors, industry partners, alumni and teaching staff to the Engineering at NUS Engineering Alumni Gala Dinner on 6 Oct 2017 at NUSS, The Graduate Club. Among the alumni who also attended the dinner were Civil Engineering Class of 1974 and Class of 1983.

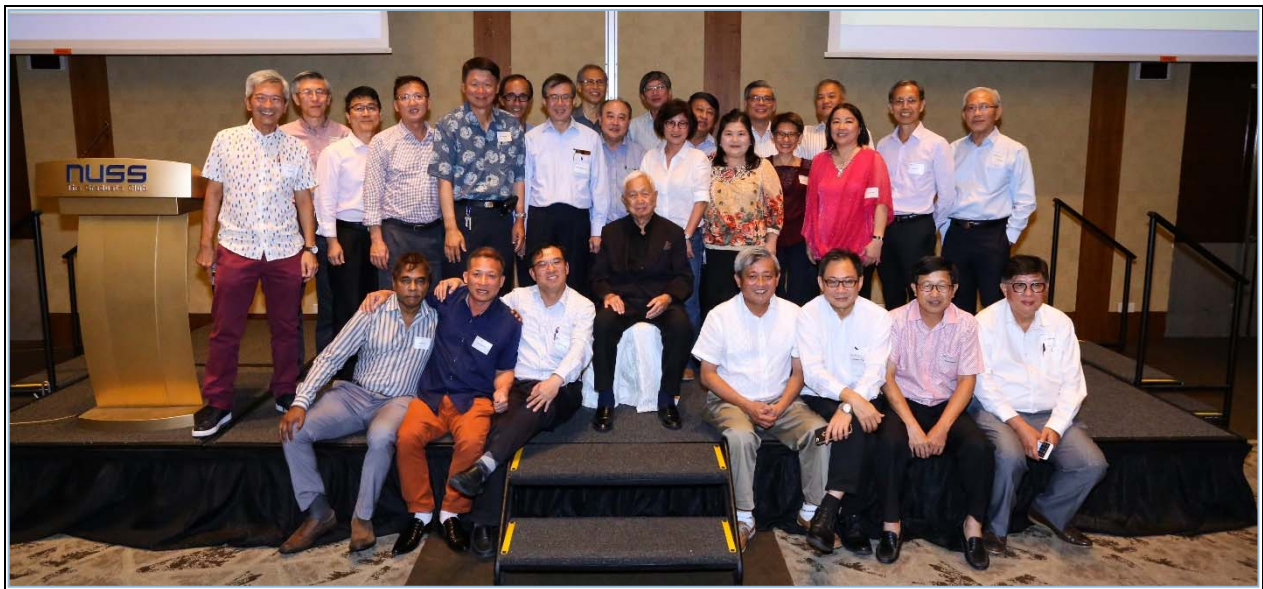


The **Environmental Engineering Alumni Networking event** comprising more than 40 representatives from various cohorts from 2008 to 2017 took place on 15 September 2017 at NUSS, The Graduate Club at The Chill- Lab.



The EVE Alumni and CEE faculty at the Environmental Engineering Alumni Event

The Engineering Class of 1982 celebrated its 35th Anniversary with fundraising on 21 July 2017 at the NUSS, The Graduate Club. Many of our Civil Engineering alumni and faculty attended the event. The event was organized by the Faculty of Engineering, NUS.



Civil Engineering Class of 1982 with CEE faculty

Past Events

Engagement with Industry - Public Talks

Date	Title	Speaker
26 Jan 2018	Winter navigation risk management in the Northern Baltic Sea	Dr. Floris Goerlandt, D.Sc. (Tech.) Aalto University
30 Nov 2017	Integrated approach for Waste to Energy or Resources Recovery	Profs Audrey Villot, Claire Gerente and Yves ANDRES IMT Atlantique, Nantes, FRANCE
16 Nov 2017	Special lecture on design and construction of long span and complex structures	Professor Richard Liew Department of Civil & Environmental Engineering, NUS
2 Nov 2017	Seminar on CO2 Capture for Land Reclamation: Use Carbonated Mineral as Substitute of Sand	Dr Bu Jie, Agency for Science, Technology and Research (A*STAR)
27 Oct 2017	BIM and Digital Transformation	Dr Hugo Martin, Scientific Director for VINCI Construction France (VCF)
26 Sep 2017	The Future of Engineering & Engineers	Professor. Kourosh Kayvani Global Director Excellence & Expertise, Aurecon
20 Sep 2017	Application of Ferrocement: State-of-The-Art Report	Professor P Paramasivam Former Professor, Department of Civil Engineering, NUS
14 Sep 2017	Decoding the Secret of the Ultimate Super Achiever	Professor Tan Sri Dato' Paduka Dr Fng Ah Seng, JP Founder and Managing Director of Epic Valley Group, Malaysia
12 Sep 2017	Optimization Approaches to Design of Building Structures and Passive Control Devices	Dr. Makoto Ohsaki Professor Kyoto University, Japan
8 Sep 2017	Importance of Constitutive Model in Analysis of Geotechnical Problems	Professor Teruo Nakai, Emeritus Professor of Nagoya Institute of Technology (NIT), Japan
22 Aug 2017	Can Machine Learning be Used for Solving Complex Construction Management Problems?	Dr. Mojtaba Maghrebi, University of New South Wales, Sydney, Australia
18 Aug 2017	ARC nanocomm hub: Current Progress and Future Plan	Professor Duan Wenhui, Monash University, Australia
17 Aug 2017	Hybrid Approach to Seismic Reliability Assessment of Engineering Structures	Xia Zhiyuan School of Civil Engineering, Southeast University
14 Aug 2017	Towards Autonomous Driving: A Lane Changing Decision Model Based on Fuzzy Influence Systems	Professor Cheu Ruey Long, Ph.D., P.E., F.ASCE, SM.IEEE, The University of Texas at El Paso
10 Aug 2017	Ferrate Treatment Technology: Oxidation and Coagulation of Pollutants and Inactivation of Microorganisms	Dr Virender K. Sharma, School of Public Health, Texas A&M University, USA
7 Aug 2017	Interaction of Lean Construction and Building Information Modelling: Development of a Lean 4D Project Planning Software to Increase Construction Productivity	Mr. Daniel Heigermoser, Federal Institute of Technology Zurich (ETH Zurich)

Department Meetings, Briefings and Activities

The department had its **Department meeting** on 18 August 2017 to update academic and Executive & Professional Staff on new guidelines, policies as well as urgent issues on administration, student, research and projects/outreach matters.

Briefings on SEP and IAP: To prepare students to apply for Students Exchange Programme and Industrial Attachment Internship Programme, the department held a briefing on 2 Oct 2017. Students who are going for their internship in January 2018 are invited to attend a sharing session on 5 January 2018. There will be sharing by students who have successfully completed their 24 weeks internship in AY2016/2017. Department will remind students on the internship requirements and Mr Nicholas Lim, Career Advisor from Centre for Future-ready Graduates – NUS will be introduced to students.

The department had a **get together session for staff** over Christmas lunch at CEE office lobby on 15 Dec 2017.

Student Activities and Events

The department held the annual Alumni Dialogue Session with Students on 31 Oct 2017. We were grateful to the following alumni who returned to NUS to share their working experiences with faculty, students and alumni. Dr Chew Soon Hoe was the moderator of the session.

Alumni	Degrees with NUS
Ms Priyanka Tandon Senior Project Engineer, PM Group	BEng(Civil) 2006 a Minor in Technopreneurship Specialization in Project management and Offshore Engineering
Mr Tan Sim Chuan Manager, Changi East Operations Planning & Safety, Changi Airport Group	M.Sc. Project Management 2013 BEng(Civil) 2009
Mr Hiew Ching Yong Civil and Structural Design Engineer, TS Sin Consultants Pte Ltd	BEng(Civil) 2011
Ms Jocelyn Xu Chunying Executive Manager, Strategic Planning Office, BCA	BEng(Civil) 2014
Mr Saravanan s/o Gunaratnam Deputy Director, Office of Safety, Health and Environment, NUS	MSc Safety, Health & Environmental Technology, 2003 BEng(Environmental) 2001
Mr Fung Pak Hang Martin CEO, Skyhigh UAV Pte Ltd	MEng 2011 BEng(Environmental) 2008
Mr Steve Lin Chenghui EHS Engineer & Compliance Leader, GE Aviation	BEng (Environmental) 2012



A group photo with the alumni panel (seated in front row) with Dr Chew Soon Hoe

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/ Site</u>	<u>Date of Visit</u>	<u>Faculty</u>
Pulau Semakau/Semakau Landfill	21 Nov 2017	-
Tuas Incineration Plant	3 Nov 2017	Associate Professor. He Jianzhong and Teaching Assistant Mr Zhang Chen
Lorong Halus Wetland	31 Oct 2017	Teaching Assistants: Mr Zhang Chen, Mr Rajaganesan Ramaswamy and Ms Priti Mishra
Tuas Incineration Plant	23 Oct 2017	Associate Professor. He Jianzhong and Teaching Assistant Mr Zhang Chen
PUB Learning visit	29 Sep 2017	-
Dragages Singapore	28 Sep 2017	Professor Koh Chan Ghee
PUB Learning visit	11 Aug 2017	-

CESE Camp 2017: The orientation camp for the undergraduate students for both programmes was held from 10 to 13 July 2017. The camp name was “Mise-en-scène” and the theme was “Hollywood”.



CESE Camp 2017 group photo

Coming Events

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

The annual **BCA- NUS Networking session** will be held on 26 January 2018 with the support from student clubs from CEE and SDE, jointly hosted by BCA and the department. Private companies are invited to share their offerings of scholarship, internship and career opportunities with the students during the half day event.

The forthcoming coming **CEE Day** for students, staff and alumni organised by the CE and ESESC student clubs will be held in late January 2018.

The **NUS Open Day** will be held in March 2018 while the **Engineering Open House** will be in May 2018. More details will be shared at a later date.

Updates on our Alumni

Associate Professor Le Jia-Liang, B.Eng. (Civil) graduate 2002, currently at the University of Minnesota, was given the ASCE award in recognition for his important contributions to probabilistic mechanics of quasi-brittle structures, scaling of their failure and consequent reliability-based structural design. <http://www.asce.org/engineering-mechanics/news/20170419-emi-and-asce-award-recipients/>

He was awarded the EMI Leonardo da Vinci Award (<http://www.asce.org/templates/award-detail.aspx?id=452>) which is given out once a year for an outstanding young investigator early in their careers for promising ground-breaking developments in the field of Engineering Mechanics and Mechanical Sciences as relevant to Civil Engineering, understood in the broadest sense.

Dr Li Si (supervised by Professor Hu Jiangyong for her PhD study during 2012-2016, currently working at Peking University, China as a postdoctoral fellow) was awarded IUVA Young Professional Award at IUVA World Congress in Dubrovnik, Croatia, September 2017.

Information sources

The **Engineering Annual Report 2016** 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 <https://www.eng.nus.edu.sg/about-us/publications/>

Besides receiving updates at our CEE website at <http://cee.nus.edu.sg/> , you can also check our news at facebook pages:

- i) [NUS CEE - Civil & Environmental Engineering](#) or [@NUSCEE](#)
- ii) [NUS CEE Industrial Engagement](#) or [@nusceeie](#)
- iii) [NUS CEE SEP](#) or [@nusceesep](#)

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