THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學

Faculty of Construction and Environment
建設及環境學院

建設與環境
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建設及環境學院院刊

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Faculty of Construction and Environment

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Message from the Dean

Prof. Xiang-dong LI
Dean of Faculty of Construction and Environment

I am delighted to present this edition of the FCE Magazine, which offers a comprehensive recap of the Faculty's activities and news in 2025. This year has been marked by remarkable progress across three major areas: teaching and learning, research and innovation, and partnership.

One of our most significant milestones was the launch of the *Bachelor of Science (Honours) in Architectural Studies*. This pioneering programme integrates artificial intelligence (AI) and advanced digital technologies throughout the curriculum, setting a new paradigm for architectural education in Hong Kong. The University Senate also approved the establishment of a new Department of Architecture (ARCH) under FCE, with effect from 1 July 2026. The new department will nurture a new generation of visionaries to meet the evolving needs of the architectural profession and lead the transformation of the industry.

FCE also remained at the forefront of the international stage of educational excellence. In the Quacquarelli Symonds (QS) World University Rankings by Subject 2025, we ranked 17th globally and 2nd in Hong Kong for both Architecture & Built Environment and Civil & Structural Engineering. In Environmental Sciences, we rose 19 places to achieve 27th globally and secured the 1st place in Hong Kong.

Research at FCE has reached new heights with the inauguration of the Otto Poon Research Institute for Climate-Resilient Infrastructure (RICRI) on 2 April 2025 and the State Key Laboratory of Climate Resilience for Coastal Cities (SKL-CRCC) on 4 December 2025. Staunchly supported by the Otto Poon Charitable Foundation, the Ministry of Science and Technology (MOST), and the Innovation and Technology Commission (ITC) of the Government of the HKSAR, respectively, these institutes advance innovative, interdisciplinary research and practical solutions for climate resilience in infrastructure and urban environments.

Over the past year, PolyU has also strengthened its research networks in the Chinese Mainland, with FCE academics actively leading newly established University-level Research Centres, Mainland Translational Research Institutes (MTRIs), and the Mainland Translational Research Centre (MTRC), translating PolyU's research outputs into targeted solutions for Hong Kong and various cities across the Chinese Mainland.

To further foster collaboration and community, we established the FCE Smart and Resilient Visionaries Network (FCE Network). This dynamic platform connects students, alumni, industry and academic partners, and other stakeholders, providing support for FCE members, nurturing their professional growth, and empowering them to become leaders and visionaries in their respective fields.

The Faculty announced the FCE Strategic Plan 2025/26 - 2030/31 in response to the PolyU Strategic Plan for the same period, setting forth a visionary roadmap for the six years ahead. Rooted in the Faculty's vision and mission, the FCE Strategic Plan articulates our objectives across Student Experience of Teaching and Learning, Research Performance and Research Postgraduate Studies, Partnership and Knowledge Transfer, and Management and Sustainability. Targeted strategic actions are outlined to drive progress and achieve the strategic goals in each domain.

With the many significant developments over the past year, I hope this magazine serves as both a record of our collective achievements and a source of updates on FCE's ongoing progress. I invite you to explore the stories within and join us as we continue to shape a resilient and sustainable future.

Awards & Achievements

World Rankings

FCE leaps to No.1 in Hong Kong for Environmental Sciences in QS World University Rankings by Subject 2025

In the Quacquarelli Symonds (QS) World University Rankings by Subject 2025, FCE made significant strides in the field of Environmental Sciences, climbing an impressive 19 places to secure the 27th position globally, ascending to 1st in Hong Kong, alongside The University of Hong Kong. The rankings of FCE in Architecture & Built Environment as well as Civil & Structural Engineering remained strong at 17th globally and 2nd in Hong Kong.

The leap in Environmental Sciences was a testament to the hard work and dedication of the Faculty's academics, who have been instrumental in driving forward high-impact research and internationally competitive education. This reflected FCE's commitment to advancing knowledge in environmental sustainability and resilience and strengthened its reputation as a leading academic entity on the international scene.

FCE tops global ranking in Transportation Science & Technology in Global Ranking of Academic Subjects 2025

FCE is proud to share its outstanding performance in the Global Ranking of Academic Subjects (GRAS) 2025, released by ShanghaiRanking in November 2025.

FCE is ranked 1st in the world for Transportation Science & Technology, affirming its international leadership in this field. In Civil Engineering—a long-standing area of strength for the Faculty—FCE is ranked 3rd globally and 1st in Hong Kong. In addition, the Faculty is ranked 31st worldwide and 2nd in Hong Kong in Remote Sensing, further demonstrating the Faculty's diverse academic strengths.

FCE's continued presence at the forefront of global rankings represents its educational and research excellence at both the local and international levels.

Recognitions

FCE academic staff members have consistently leveraged their expertise to make meaningful contributions to society. Their outstanding achievements were recognised by numerous prestigious international and national accolades, which reinforced the Faculty's reputation for academic leadership and impact. In 2025, we were glad to learn of the following prestigious awards bestowed upon FCE academics.

Individual recognitions:

Prof. Christopher CHAO
Chair Professor
Dept of Building Environment and Energy Engineering

Louise and Bill Holladay Distinguished Fellow Award 2025 by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

Prof. Linda XIAO
Professor
Dept of Building Environment and Energy Engineering

Fellow of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

Prof. Jin-Guang TENG
PolyU President and Chair Professor
Dept of Civil and Environmental Engineering

International Fellow of the Royal Academy of Engineering (RAEng)

Prof. Xiao Lin ZHAO
Chair Professor
Dept of Civil and Environmental Engineering

Fellow of the Hong Kong Academy of Engineering (HKAE)

Prof. Huan-Feng DUAN
Professor
Dept of Civil and Environmental Engineering

Dayu Water Conservancy Science and Technology Progress Award (Second Class) by the Ministry of Water Resources (MWR)

Prof. Yong XIA
Professor
Dept of Civil and Environmental Engineering

Structural Health Monitoring (SHM) Person of the Year by Stanford University

Prof. Jian-Hua YIN
Distinguished Research Professor
Dept of Civil and Environmental Engineering

Fellow of the Hong Kong Academy of Engineering (HKAE)

Prof. You DONG
Associate Professor
Dept of Civil and Environmental Engineering

Early Achievement Research Award by the International Association for Structural Safety and Reliability (IASSAR)

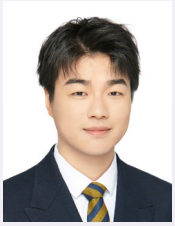
Prof. Nathanael JIN
Assistant Professor
Dept of Civil and Environmental Engineering

40 Under 40 by the American Academy of Environmental Engineers and Scientists (AAEES)

2026 James J. Morgan Early Career Award by *Environmental Science & Technology*

Team recognition:

Prof. Asif USMANI *Chair Professor*
Prof. Liming JIANG *Associate Professor*
Dr Tianwei CHU *PhD graduate*
Dept of Building Environment and Energy Engineering



2026 Philip Thomas Medal of Excellence by the International Association for Fire Safety Science (IAFSS)

Top Scholars

FCE academics among world's most influential in Building & Construction and Civil Engineering

According to the "Updated science-wide author databases of standardised citation indicators" compiled by Stanford University in 2025, PolyU led the world in the number of Top 2% Most-cited Scientists in the sub-field of Building and Construction, which made FCE the institution with the largest representation of top scholars in the field. FCE also boasted the highest number of Top 2% Civil Engineering scholars in Hong Kong.

Notably, three FCE academics were ranked among the global top ten in their respective fields: Prof. Jin-Guang TENG, PolyU President and Chair Professor of Structural Engineering of the Department of Civil and Environmental Engineering (CEE); Prof. Qihao WENG, Chair Professor of Geomatics and Artificial Intelligence of the Department of Land Surveying and Geo-Informatics (LSGI); and Prof. C.S. POON, Distinguished Research Professor of CEE; while eight academics were ranked within the global top 50. The remarkable concentration of world-class scholars reflected FCE's significant research impact and influence in teaching.

Prof. Heng Li ranked Nation's top scientist in engineering and technology by Research.com

Prof. Heng LI, Chair Professor of Construction Informatics of the Department of Building and Real Estate (BRE), ranked 1st in China and 21st globally in the Best Engineering and Technology Scientists Ranking 2025 by Research.com. This accolade is based on the researcher's D-index (Discipline H-index), which measures scholarly impact through discipline-specific publications and citations. Prof. Li's placement among the top of more than 50,000 researchers in the discipline of Engineering and Technology underscored his outstanding scholarly contributions and the significant impact of his research.

Research & Innovation

Research Funding Support

RGC Collaborative Research Fund 2024/25

In the 2024/25 exercise of the Research Grants Council (RGC) Collaborative Research Fund (CRF), FCE scholars led three of the 14 projects awarded to PolyU, securing a total of HK$11.09 million across multiple CRF grant types. The CRF supports multi-investigator, multi-disciplinary projects to encourage more research groups to engage in creative and high-quality cross-disciplinary/cross-institutional projects. There are three types of grants under CRF:

- Collaborative Research Project Grant (CRPG) aims to enhance the research output of universities in terms of the level of attainment, quantity, dimensions and impact;
- Collaborative Research Equipment Grant (CREG) enables the acquisition of major research facilities or equipment;
- Young Collaborative Research Grant (YCRG) aims to support early-stage academic staff members in gaining first-hand experience in leading and managing collaborative research.

Project Title	Project Coordinator	Amount Awarded (HK$)
Collaborative Research Project Grant (CRPG)		
Advancing Compound Hazard Resilience and Adaptation for Urban Building Community in a Changing Climate	**Prof. You DONG** *Associate Professor* *Dept of Civil and Environmental Engineering*	$4,430,285
Collaborative Research Equipment Grant (CREG)		
Development of a Colorimetric and Photometric Characterisation Platform for Binocular VR/AR Headsets	**Prof. Tommy WEI** *Professor* *Dept of Building Environment and Energy Engineering*	$3,015,000
Young Collaborative Research Grant (YCRG)		
AI-empowered Wind Field Simulation for Sustainable Urban Microclimate Design	**Prof. Ruoyu YOU** *Associate Professor* *Dept of Building Environment and Energy Engineering*	$3,643,410

RGC Research Impact Fund 2024/25

The Research Grants Council (RGC) Research Impact Fund (RIF) aims to provide sustained support to local academics for conducting impactful and translational collaborative research projects and to articulate the potential for benefiting the wider community. Of the four research projects awarded to PolyU, three were led by FCE scholars and together accounted for over 60% of PolyU's RIF funding, affirming FCE's leadership in impactful, translational research.

Project Title	Project Coordinator	Amount Awarded (HK$)
Creating Delightful Experience in Virtual Reality and Augmented Reality Headset through Optimal Optical Design	**Prof. Tommy WEI** *Professor* *Dept of Building Environment and Energy Engineering*	$4,800,000
WASTES to WINGS – Constructing a High-throughput Sustainable Aviation Fuel Research Platform to Facilitate Zero Carbon Air Travel in Hong Kong	**Prof. Shao-Yuan LEU** *Professor* *Dept of Civil and Environmental Engineering*	$5,700,000
Development of Modular Integrated 3D-printed Concrete Construction (MI3DC)	**Prof. C.S. POON** *Distinguished Research Professor* *Dept of Civil and Environmental Engineering*	$2,100,000

RGC General Research Fund and Early Career Scheme 2025/26

An institution's ability to secure competitive research funding is widely recognised as a key indicator of its research impact, scholarly excellence, and academic leadership. According to the application results of the 2025/26 Research Grants Council (RGC) General Research Fund (GRF) and Early Career Scheme (ECS), announced on 27 June 2025, FCE maintained its leading position in the Civil Engineering, Surveying, Building and Construction (CESBC) disciplines of the Engineering Panel, reaffirming its research leadership in these fields.

Owing to their similar nature, the application results for GRF and ECS were combined in some of the following analyses.

Department	Total (including GRF & ECS)	Total amount of competitive funding (including GRF & ECS) (HK$)
BEEE	10	$11,020,924
BRE	4	$4,647,507
CEE	13	$14,987,857
LSGI	11	$11,596,332
FCE (Total)	38	$42,252,620

As illustrated in Figure 1 below, the total number of grants decreased in the 2025/26 round, with the total funding slightly declining to HK$42 million (Figure 2).

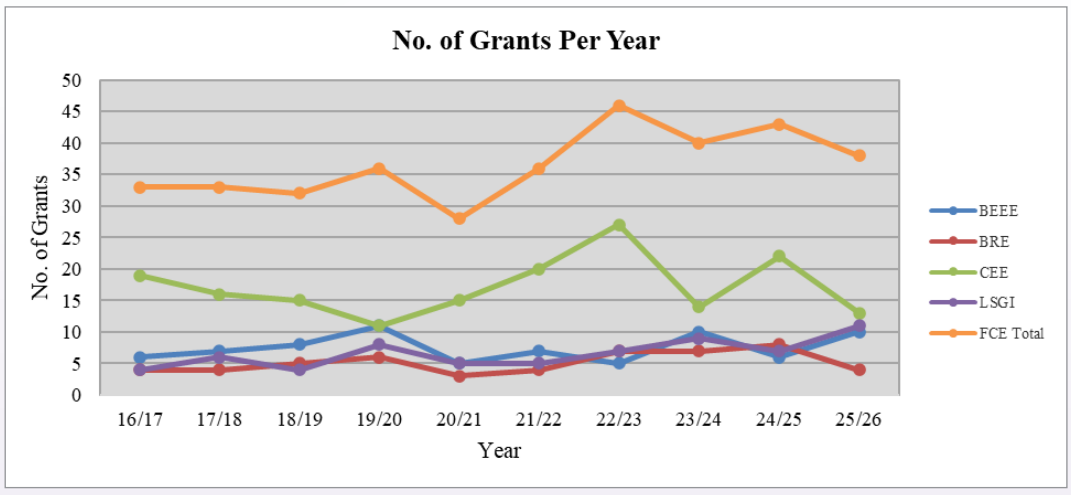


Figure 1: Comparison of the number of grants per year between departments over the past ten years

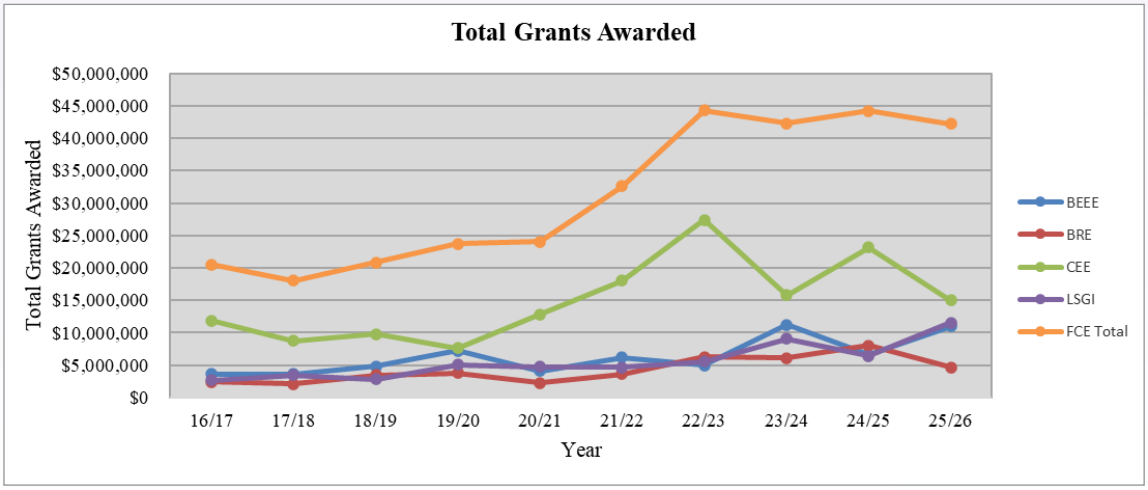


Figure 2: Comparison of total funding awarded per year between departments over the past ten years

In the CESBC disciplines, PolyU has led local universities in the GRF/ECS exercises since 1994/95, both in the number of GRF/ECS projects supported and in the total grant value awarded. The distribution of GRF/ECS funding in 2025/26 among local universities is shown in Figure 3. For 2025/26, we received 45% of the total available funding in the CESBC disciplines, with an average of HK$1,083K per project.

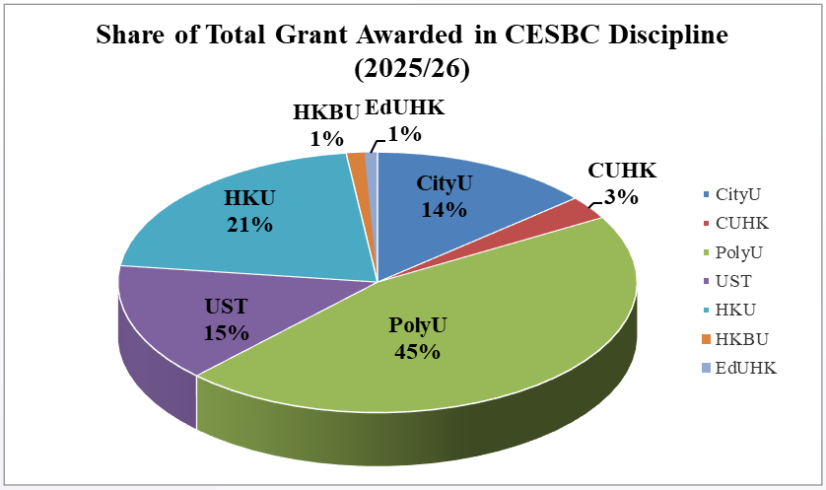


Figure 3: Distribution of GRF/ECS funding in the CESBC disciplines among institutions in the 2025/26 round

Of the 38 GRF/ECS grants awarded to the Faculty in 2025/26, three were awarded outside the CESBC disciplines. The Faculty secured 35 grants (or 36.8%), totalling approximately HK$39 million out of the 95 GRF/ECS grants awarded by RGC in the CESBC disciplines for the 2025/26 round.

While FCE maintained its leading position in the CESBC disciplines, there was a slight decrease in both the total number of projects and the overall funding amount awarded in 2025/26. In light of this, the Faculty emphasised the importance of enhancing **"originality and quality of proposals"** while sustaining the quantity of successful projects. FCE colleagues were encouraged to focus on preparing high-quality, original proposals that would achieve full scores (5). Such efforts would help secure a larger share of GRF/ECS funding in the future, positively impacting the R-portion of the University as well as its departments.

NSFC/RGC Collaborative Research Scheme 2025/26

The National Natural Science Foundation of China (NSFC) / the Research Grants Council (RGC) of Hong Kong Collaborative Research Scheme (CRS) aims to support larger-scale collaborative research across disciplines and/or across universities in the Chinese Mainland and Hong Kong, with a view to enhancing research output and impact on both sides.

Project Title	Hong Kong Project Coordinator / Principal Investigator	Chinese Mainland Institution	Amount Awarded (HK$)
Development of high performance and durable solid oxide electrolysis cells (SOECs) for coupling with Fischer-Tropsch (F-T) reactor for green synthetic liquid fuel production	**Prof. Meng NI** *Chair Professor* *Dept of Building Environment and Energy Engineering*	Tsinghua University	$3,600,000
FRP-Reinforced concrete structures for marine environments: material and structural innovations for ductility enhancement and prefabricated construction	**Prof. Tao YU** *Professor* *Dept of Civil and Environmental Engineering*	Tongji University	$3,571,920

NSFC/RGC Joint Research Scheme 2025/26

The National Natural Science Foundation of China (NSFC)/Research Grants Council (RGC) of Hong Kong Joint Research Scheme (JRS) aims to promote collaboration between researchers/research teams in Hong Kong and the Chinese Mainland on the basis of complementing the existing strengths of both sides.

Project Title	Hong Kong Project Coordinator / Principal Investigator	Chinese Mainland Institution	Amount Awarded (HK$)
Optimizing multi-modal coordination for urban rail network resilience	**Prof. Anthony CHEN** *Professor* *Dept of Civil and Environmental Engineering*	Tongji University	$1,182,527

National Natural Science Foundation of China

The Faculty has fostered an environment that enables young academics to advance scientific development in both Hong Kong and the Chinese Mainland, as evidenced by their success in securing research funding support from the National Natural Science Foundation of China (NSFC). These young scholars led independent projects across diverse topics, such as improving supply chain resilience in modular construction and using AI-driven simulations for optimising composite materials.

In the 2025 exercise, two young academics were each awarded about RMB¥500,000 from the General Program, while another 15 projects, accounting for around one-third of the awarded projects at PolyU, received RMB¥300,000 each from the Young Scientists Fund (Type C).

Shenzhen-Hong Kong-Macao Technology Research Programme (Type C) 2025

Funded by the Science, Technology and Innovation Bureau of Shenzhen Municipality, the Shenzhen-Hong Kong-Macao Technology Research Programme (Type C) is a flagship initiative designed to foster innovation-driven collaboration across the Greater Bay Area (GBA). It encourages universities, research institutions, and enterprises in Shenzhen, Hong Kong, and Macao to harness their complementary strengths, catalyse globally impactful scientific breakthroughs, and drive industrial transformation.

Project Title	Project Coordinator	Amount Awarded (RMB)
Development of key technologies for lightweight, high-performance proton-conducting fuel cells or electrolysers towards the additive manufacturing for carriers and portable devices	**Prof. Meng NI** *Chair Professor* *Dept of Building Environment and Energy Engineering*	¥3,000,000
Research on high-altitude construction safety inspection for smart cities amidst low-altitude economy	**Prof. Wen YI** *Associate Professor* *Dept of Building and Real Estate*	¥2,800,000

CEE Postdoctoral Fellows secure funding from leading German research institutions

Apart from nurturing young research talent at FCE, the Faculty actively encouraged them to broaden their academic horizons through international collaborations and to enrich their research experience at leading overseas institutions. In 2025, two Postdoctoral Fellows of the Department of Civil and Environmental Engineering (CEE) secured funding from prestigious research organisations in Germany to support their projects.

Dr Lu ZHU was awarded the 2025 Humboldt Research Fellowship Programme for Postdocs for his project “Novel Ultrahigh-temperature High-Entropy Ceramic Coatings”. This fellowship would sponsor him to collaborate with Prof. Bronislava GORR at the Karlsruhe Institute of Technology for a period of two years.

Dr Zifeng HUANG, a previous recipient of the 2021 Humboldt Research Fellowship Programme for Postdocs, secured funding from the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation). As Principal Investigator of the project “A probability density functional framework for the probabilistic response and reliability analysis of dynamical structural systems subjected to random environmental loads”, Dr Huang would collaborate with Prof. Ioannis KOUGIOUMTZOGLOU of Columbia University and Prof. Athanasios PANTELOUS of Monash University.

The international recognition of FCE young researchers reflected the Faculty’s success in nurturing outstanding research talents, as it continued to strive for research excellence on the global stage.

Environment and Conservation Fund 2024/25

The Environment and Conservation Fund (ECF) supports projects aimed at enhancing Hong Kong's overall environmental quality, raising local environmental awareness, and promoting public participation in green and low-carbon living.

Project	Principal Investigator	Amount Awarded (HK$)
A Novel Acoustic Metagrating Barrier for Traffic Noise Reduction	**Prof. Liangfen DU** *Assistant Professor* *Dept of Building Environment and Energy Engineering*	$760,592
From Simulation to Reality: A Real-time Platform for Operational Carbon Monitoring in Modular Integrated Construction	**Prof. Yue TENG** *Assistant Professor* *Dept of Building and Real Estate*	$499,000
Investigating Atmospheric Oxidation Capacity of Hong Kong: Measurement and Modelling of Hydroxyl Radicals, Hydroperoxyl Radicals, and Hydroxyl Radicals Reactivity	**Prof. Tao WANG** *Chair Professor* *Dept of Civil and Environmental Engineering*	$1,469,500
Developing Modular Engineered Bamboo Hoarding Structures for Carbon-neutral Construction	**Prof. Siwei LIU** *Assistant Professor* *Dept of Civil and Environmental Engineering*	$1,239,200
Unravelling the Complexities of Secondary Organic Aerosols Formation in Hong Kong's High-Vehicle Environment	**Dr Meng WANG** *Research Assistant Professor* *Dept of Civil and Environmental Engineering*	$487,800

Public Policy Research Funding Scheme

The Public Policy Research Funding Scheme (PPRFS) funds research that informs government policy-making, drives transformative changes, aligns with national and international trends, and contributes to policy development.

Project	Principal Investigator	Amount Awarded (HK$)
2024-25 (Fourth Round)		
Climate Policy Risk and Green Infrastructure Financing in the Belt and Road Initiative: Policy Implications for Infrastructure Loan Securitisation	**Prof. Jeff SHEN** *Associate Professor* *Dept of Building and Real Estate*	$503,470
Developing a MiC Data Platform for Reusable Modules in the Transitional Housing Projects: Towards a Circular Economy		$852,150
2025-26 (Second and Third Rounds)		
Investigating Social Sustainability in "Well-Being Design" Housing Policy: A Post-Occupancy Evaluation	**Prof. Tristance KEE** *Associate Professor* *Dept of Building and Real Estate*	$669,300
Enhancing Inclusivity in Hong Kong's Outdoor Facilities and Venues: A Study on Ethnic Minorities' Access and Preferences	**Prof. Michael SING** *Assistant Professor* *Dept of Building and Real Estate*	$507,725
Carbon Credits as a Catalyst for Promoting Modular Integrated Construction (MiC) in Hong Kong: Empirical Analysis and Policy Strategies	**Prof. Yue TENG** *Assistant Professor* *Dept of Building and Real Estate*	$569,020

Green Tech Fund

The Green Tech Fund (GTF) provides focused funding support to research and development projects which can help Hong Kong decarbonise and enhance environmental protection.

Project Title	Project Coordinator	Amount Awarded (HK$)
Marine self-healing concrete with biomineralization-enhanced construction waste for long-term decarbonisation	**Prof. Xiang-dong LI** *Chair Professor* *Dept of Civil and Environmental Engineering*	$6,025,080

Smart Traffic Fund

The Smart Traffic Fund (STF) aims to enhance commuting convenience, optimise road network and space efficiency, and improve driving safety.

Project Title	Principal Investigator	Amount Awarded (HK$)
AI-Driven, GIS-Compatible Vehicle Type Detection System Riding on Fusion of Satellite, CCTV, and Geospatial Data	**Prof. Qihao WENG** *Chair Professor* *Dept of Land Surveying and Geo-Informatics*	$3,230,831
Smart Route Planning System	**Dr Yue YU** *Research Assistant Professor* *Dept of Land Surveying and Geo-Informatics*	$3,530,978

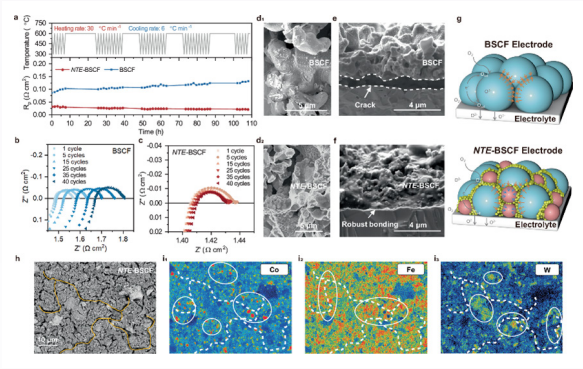
MTR Research Funding Scheme 2025

Hong Kong's railway network provides a convenient, fast and efficient mass transit service for the public in this densely populated city. To further enhance the sustainability and connectivity of railways, the MTR Academy established the MTR Research Funding (MRF) Scheme to support high-quality, upstream research that addresses both current challenges and future development needs in transportation. The following two projects, led by FCE scholars, received support from the MRF Scheme 2025. By reducing operational carbon footprint and facilitating linkage in the Greater Bay Area (GBA), these projects provided critical insights and innovative frameworks essential for transitioning the MTR system into a more intelligent, sustainable, connected and passenger-centric network.

Project	Principal Investigator	Amount Awarded (HK$)
Sustainable train operation control platform based on the wind-vehicle-track coupled model for reduced energy consumption and enhanced riding comfort	**Prof. Kai ZHOU** *Assistant Professor* *Dept of Civil and Environmental Engineering*	$1,245,100
MTR-centric Mobility as a Service (MaaS-MTR) for the intercity-intracity integrated travel in the greater bay area: Travellers' behavioural adaption and sustainability impact assessment	**Prof. Chengxiang ZHUGE** *Assistant Professor* *Dept of Land Surveying and Geo-Informatics*	$1,284,000

Research Outputs

BEEE scholar publishes breakthrough technology boosting durability of clean energy ceramic cells in Nature Communications



A paper titled “Interfacial oxide wedging for mechanical-robust electrode in high-temperature ceramic cells”, co-authored by Prof. Meng NI, Chair Professor of Energy Science and Technology of the Department of Building Environment and Energy Engineering (BEEE), has been published in *Nature Communications*.

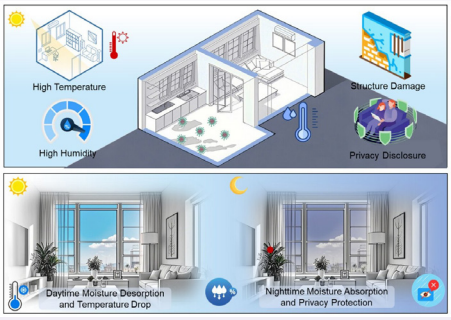
High-temperature electrochemical ceramic cells are used for clean energy production and storage. However, as the air electrodes inside these cells delaminate and crack after rigorous thermal cycles, these ceramic cells wear out as time passes.

A study conducted by Prof. Ni and a team of researchers from The Hong Kong University of Science and Technology, Shenzhen University, Nanjing Tech University, and Curtin University presented a new approach to solving this challenge. By inserting a layer of interfacial oxides between the negative thermal expansion (NTE) materials and positive thermal expansion perovskites (PTE) inside the electrode, these oxides act like wedges that reduce delamination and prevent cracks. With this breakthrough technology, the durability of high-temperature electrochemical ceramic cells is greatly enhanced, leading to longer-lasting and more reliable high-temperature energy devices.

BEEE scholars publish breakthrough research on sustainable technologies for energy efficiency in leading journal

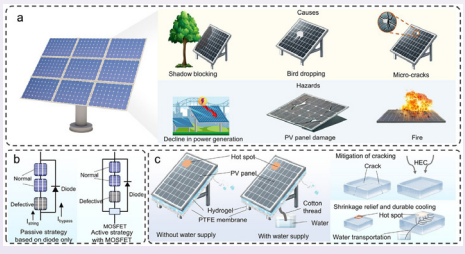
Two impactful research breakthroughs were published in the prestigious journal *Advanced Energy Materials* by Prof. Jerry YAN, Chair Professor of Energy and Buildings, and Dr Junwei LIU, Research Assistant Professor of the Department of Building Environment and Energy Engineering (BEEE), in collaboration with scholars from Chinese Mainland universities. These studies explored innovative approaches to enhancing building energy efficiency and sustainability through advanced materials.

Eco-friendly smart window film improves indoor comfort and energy efficiency



The study, “Scalable Moisture-Responsive and Light-Regulating Films for Building Energy Saving and Privacy Protection”, presented an eco-friendly, low-cost smart window film that passively regulated indoor sunlight and humidity without any electricity or moving parts. The moisture-responsive, light-regulating (MRLR) film reduced room humidity from 92% to 54% within six hours at night and lowered daytime temperatures by up to 21°C compared to an unprotected area. Modelling indicated that the MRLR film could cut annual energy use by 24.6% and reduce carbon emissions by 18.89 kg per year per square meter.

Hydrogel coating boosts solar panel efficiency and durability

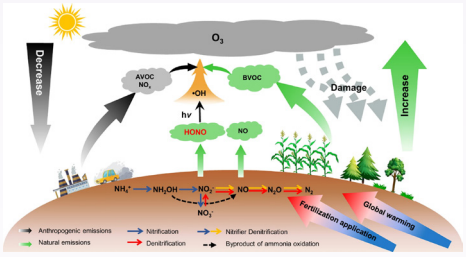


Another study, “Enhancing Photovoltaic Efficiency and Durability with Advanced Hot-Spot Management”, introduced a cost-effective hydrogel coating that passively cools solar panels and prevents damaging hot spots without any modifications to existing wiring. It maintained panel temperatures up to 16°C cooler and could increase power output by as much as 13%. Modelling suggested potential annual solar power generation by 7% in Singapore and 6.5% in Hong Kong, with payback periods of three to four years. It could also recover about half of the power lost to hot spots in building-integrated solar systems.

These publications highlighted FCE’s achievement in advancing research in smart building materials and innovative solar panel cooling systems, promoting a more efficient, sustainable, and resilient built environment.

Study by CEE research team provides new insights into soil emissions to help combat climate change and food security

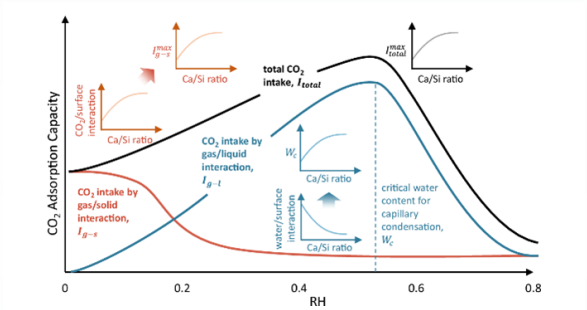
A study on the impact of soil emissions on air quality, conducted by Prof. Tao WANG, Chair Professor of Atmospheric Environment of the Department of Civil and Environmental Engineering (CEE), and Dr Yanan WANG, Postdoctoral Fellow of CEE, was published in *Nature Communications*.



The study titled "Increasing soil nitrous acid emissions driven by climate and fertilization change aggravate global ozone pollution" underscored the important role of soil reactive nitrogen emissions in global ozone and their impact on vegetation. As the challenges of climate change and food security intensify, understanding and managing soil emissions is crucial for the sustainable development of society. The study advocated for more efficient fertiliser use in agriculture and recommended strategies such as deep fertiliser placement and precise application rates to support sustainable food production while preserving the environment.

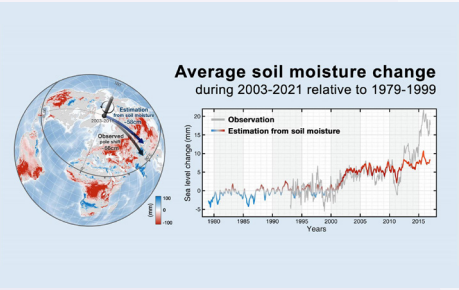
Paper by CEE research team published in Nature Communications and selected for Editors' Highlights

A paper titled "Surface chemistry-mediated porewater fluctuations boost CO_2 docking in calcium silicate hydrates", authored by a research team from the Department of Civil and Environmental Engineering (CEE), was published in the prestigious journal *Nature Communications* and featured in the Editors' Highlights in the Materials Science and Chemistry category—a selection of articles chosen by the editors for their particular interest or significance.



Guided by Prof. C.S. POON, Distinguished Research Professor of CEE, Dr Yong TAO, Research Assistant Professor, and Dr Gen LI, Postdoctoral Fellow, demonstrated exceptional originality and innovation as the corresponding and first authors of the paper, respectively. The research employed Grand Canonical Monte Carlo simulations to unravel the optimal CO_2 sequestration conditions, including humidity level and surface hydrophilicity. The findings provided a foundation for developing effective CO_2 mineralisation strategies, enhanced the understanding of geochemical carbonation processes, and supported the advancement of carbonation technology for large-scale applications.

LSGI scholar sheds light on sharp depletion in soil moisture and sea level rise



To address water resource management and climate change challenges, it is vital for policymakers and scientists to understand the driving factors for global soil moisture and sea level changes. Prof. Jianli CHEN, Chair Professor of Space Geodesy and Earth Sciences of the Department of Land Surveying and Geo-Informatics (LSGI), collaborated with international experts and published an impactful study, titled "Abrupt sea level rise and Earth's gradual pole shift reveal permanent hydrological regime changes in the 21st century", in the prestigious journal *Science*.

To investigate the abrupt shifts in terrestrial water storage, the research team utilised satellite altimetry and gravity missions, including the Gravity Recovery and Climate Experiment (GRACE) and GRACE Follow-On, to develop innovative methods to more accurately estimate soil moisture and terrestrial water storage at continental scales. Notably, the study found that between 2000 and 2002, terrestrial water loss to the oceans was twice that of Greenland's ice melt, causing a 4.5 mm rise in sea levels. The research also identified climate-driven factors—such as precipitation deficits, stable evapotranspiration, and changing rainfall patterns—as key contributors to this trend.

The study provided reliable data for climate and Earth system science experts to further investigate drought issues, aiding authorities in formulating water resource management and climate change mitigation strategies to address new challenges posed by climate change.

Innovation Technology / Knowledge Transfer

FCE and CEDD renew MoU to advance sustainable infrastructure development

In a continued effort to foster a safe, green, and sustainable environment, FCE and the Civil Engineering and Development Department (CEDD) of the Government of the HKSAR renewed a Memorandum of Understanding (MoU) on 29 April 2025.

FCE and CEDD entered into the first MoU back in May 2023 when the two parties joined hands to explore further innovative research in materials, technologies, and novel solutions for infrastructure and land formation. Marking a significant step forward in the collaborative journey, a new MoU was signed by Mr Michael FONG, Director of Civil Engineering and Development, and Prof. Xiang-dong LI, Dean of Faculty.

The achievements brought by the collaboration in the past two years were also showcased at the same occasion, including projects on the development of design guidelines for Glass Fibre Reinforced Polymer (GFRP) for marine structures, the world's first S960 ultra-high strength steel footbridge, and the use of hyperspectral images and machine learning technology for tree management.

As outlined in the MoU, FCE would continue to support CEDD by providing technical advice and sharing research findings, while CEDD would facilitate the application of these results in public works projects, transforming impactful research into tangible benefits to address new and pressing issues.

FCE partners with government and industry to advance pipeline robotics technologies for smart water in Hong Kong

To develop innovative pipeline robotics technologies for inspecting Hong Kong's water mains network, Prof. Xiang-dong LI, Dean of Faculty, represented FCE in signing a Memorandum of Understanding (MoU) with the Water Supplies Department (WSD) of the Government of the HKSAR and Shenzhen Bwell Technology Co., Ltd. on 1 September 2025, facilitating the establishment of the Pipeline Robots Joint Laboratory located at Q-Leak, Tsing Yi.

The MoU further strengthened FCE's collaboration with WSD, building on a previous MoU from 2021 that established Q-Leak as an underground water mains leak detection training centre. Through advanced water leakage detection and prevention methods, such as the application of cutting-edge robotics, FCE continued to contribute its research expertise and specialised knowledge to enhance the efficiency and effectiveness of Hong Kong's water supply network. Furthermore, the new collaboration with the Chinese Mainland pipeline robotic developer would accelerate the practical application of multifunctional pipeline robotics technologies, including acoustic sensors, high-definition cameras, and positioning sensors.

As outlined in the MoU, FCE would provide ongoing support to WSD and Bwell Technology by conducting research based on existing Bwell Technology models. This partnership illustrated FCE's commitment to advancing sustainable infrastructure through innovation and generating positive societal impact

LSGI forms strategic partnership with Amap to advance geospatial technologies and smart city development in GBA

On 16 December 2024, the Department of Land Surveying and Geo-Informatics (LSGI) formalised a strategic partnership with Amap, one of the leading map service providers in the Chinese Mainland, by signing a Memorandum of Understanding (MoU).

The partnership emphasised key areas including smart mobility, tourism, and urban infrastructure planning, aiming to enhance collaboration in research development and technology transfer within the Greater Bay Area (GBA).

LSGI and Amap would also explore educational and student training opportunities within the geospatial industry, thereby reinforcing the connection between academia and industry.

FCE scholar partners with major land developer on Hong Kong's first tempered and laminated glass recycling solution at Tomorrow's CENTRAL

In October 2025, Hongkong Land Limited announced a pioneering commercial-academic partnership with Prof. C.S. POON, Distinguished Research Professor of the Department of Civil and Environmental Engineering (CEE), and Gammon Construction, for its multi-billion-dollar initiative—Tomorrow's CENTRAL.

The innovation developed by Prof. Poon's team would transform recycled tempered glass and laminated glass waste from shopfront and curtain wall buildings into powder, which could replace 20% to 30% of the cement used in brick production. These eco-blocks, which would be used as partition bricks and low-carbon cement alternatives for Tomorrow's CENTRAL, were 10 to 20% stronger than conventional bricks while maintaining similar weight. In addition to reducing carbon emissions during construction, the eco-blocks could also offer superior strength and durability compared to traditional bricks. It was estimated that waste materials from existing properties in this project would be sufficient to produce over 20,000 eco-blocks for Hongkong Land's shopping mall renovation, aiming to recycle 75% of the waste generated by the project.

This technology addressed the construction industry's challenge of discarding large volumes of glass waste and had the potential for economical and scalable production. In future, it could be expanded to develop structural building materials, further advancing sustainable construction practices.

FCE members propel translational research in Chinese Mainland for industrial and societal benefits

The University has been in the process of setting up a network of Mainland Translational Research Institutes (MTRIs) and the Mainland Translational Research Centre (MTRC) to translate PolyU's research outputs into targeted solutions for meeting the industrial and societal needs of various cities in the Chinese Mainland.

In support of the University's vision, a number of FCE academics took up leadership roles in several MTRIs in Zhejiang, Fujian, Anhui provinces and also the MTRC in Qianhai to contribute their expertise to the distinctive key areas of the research institutes and centre, including intelligent transportation, sensing technology, policy research for innovation and technology services, smart sensing manufacturing, modern construction, and marine engineering.

Their efforts not only connected PolyU's research capacity and outcomes to the industrial and socio-economic needs of Chinese Mainland cities for impactful knowledge transfer but also integrated PolyU into national development and supported Hong Kong in becoming an international innovation and technology hub.

FCE innovations win medals at Geneva Inventions Expo 2025

PolyU demonstrated outstanding research capabilities and innovation commitment by winning 36 awards from 33 projects at the 50th International Exhibition of Inventions Geneva. Notably, FCE researchers led or co-led nine of these award-winning projects. As the world's largest global exhibition on inventions, this annual event attracted over a thousand entries from nearly 40 countries and regions, highlighting PolyU's strong global competitiveness in research and innovation.

Award	Project	Principal Investigator(s)
Gold Medal with Congratulations of the Jury	Smart Fire Extinguisher for Spacecraft	**Prof. Xinyan HUANG** *Associate Professor* *Dept of Building Environment and Energy Engineering*
	CO_2-driven Superhydrophobic Carbon-sink Concrete	**Prof. C.S. POON** *Distinguished Research Professor* *Dept of Civil and Environmental Engineering*
Gold Medal	AI-empowered Digital Twin for Smart Building Management	**Prof. Linda XIAO** *Professor* *Dept of Building Environment and Energy Engineering*
	A Multi-objective Yaw-control System for Wind Farm Optimisation Based on Novel 3D Wake Model	**Prof. Hongxing YANG** *Professor* *Dept of Building Environment and Energy Engineering*
	Smart Structural Integrity Monitoring System	**Prof. Charles WONG** *Professor* *Dept of Land Surveying and Geo-Informatics* **Mr Pak Kwan CHAN** *Managing Director & Co-founder* *LeafloT Technology Limited (a PolyU startup)*
Silver Medal	IHAC Film: Intelligent Humidity Control and Atmospheric Water Collection Film	**Prof. Jerry YAN** *Chair Professor* *Dept of Building Environment and Energy Engineering*
	Intelligent Construction Site Layout Design Platform	**Dr Dong WANG** *Postdoctoral Fellow* *Dept of Building and Real Estate*
	AI-based Railway Obstacle Intrusion Detection System with Multimodal Transformers	**Prof. Yi-Qing NI** *Chair Professor* *Dept of Civil and Environmental Engineering*
Bronze Medal	Advanced Self-cleaning Oil Fume Purification System for Commercial Kitchens	**Prof. Shun-cheng LEE *** *Professor* *Dept of Civil and Environmental Engineering* **Dr Xinwei LI** *Postdoctoral Fellow* *Dept of Civil and Environmental Engineering* **Dr Shuwen HAN** *Chief Technology Officer* *AeroGreen Technology Company Limited (a PolyU startup)*

** Former academic staff*

FCE bags multiple PolyU Patents Achievement Award 2024

The outstanding individual and collective contribution of FCE academics to innovation and the translation of research findings into real-world solutions was recognised by the PolyU Patents Achievement Award 2024, which was announced on 25 September 2025.

The Department of Civil and Environmental Engineering (CEE) received the Top Patents Filing Award, the Most Active Patents Filing Award, and the Most Active IP Commercialisation Award in the Department category.

The following academics were also honoured in the Inventor category for their continued commitment to transforming intellectual property into societal and commercial value.

Category of Award *(Inventor)*	Awardee
Top Patents Filing Award	**Prof. Xinyan HUANG** *Associate Professor* *Dept of Building Environment and Energy Engineering*
	Prof. Yi-Qing NI *Chair Professor* *Dept of Civil and Environmental Engineering*
	Prof. John SHI *Chair Professor* *Dept of Land Surveying and Geo-informatics*
Most Active Patents Filing Award	**Prof. Xinyan HUANG** *Associate Professor* *Dept of Building Environment and Energy Engineering*
Outstanding IP Commercialisation Award	**Prof. Hongxing YANG** *Professor* *Dept of Building Environment and Energy Engineering*

These awards affirmed the originality of FCE members' knowledge transfer endeavours, serving as a motivation for the FCE community to shape a future defined by innovation and impact, where their research would continue to benefit society and drive progress.

Teaching & Learning

Quality Education

Launch of Bachelor's Degree Scheme in Construction and Environment (JS3004)

Starting in the 2025/26 academic year, PolyU has expanded its admission pathways for students, providing them with more flexibility and options to customise their studies based on their interests. Students with specific academic goals can directly choose their preferred departmental schemes or programmes. The new Bachelor's Degree Scheme in Construction and Environment (BDSCE) (JS3004) offered by FCE provides a flexible educational pathway, enabling students to explore various disciplines within construction and environmental studies.

Our Bachelor's Degree Scheme offers students the opportunity to select from nine specialised Majors, allowing them to align their academic pursuits with their interests and career aspirations. Students can choose their preferred Major through a ranking assessment that considers entrance qualifications, Year One GPA, and interview performance. The Common Year One curriculum establishes a solid foundation across multiple fields in construction and environment, assisting students in making informed decisions about their preferred programme towards the end of their first year. The available Majors include:

- BEng (Hons) in Building Sciences and Engineering
- BSc (Hons) in Architectural Studies
- BSc (Hons) in Building Engineering and Management
- BSc (Hons) in Surveying
- BEng (Hons) in Civil Engineering
- BEng (Hons) in Civil Engineering (Smart Mobility) with a Secondary Major in AIDA
- BEng (Hons) in Environmental Engineering and Sustainable Development
- BSc (Hons) in Land Surveying and Geo-Informatics
- BSc (Hons) in Urban Informatics and Smart Cities

At PolyU, we prioritise innovation and technology, cultivating an academic culture that promotes national pride, social responsibility, and a global perspective. Our Bachelor's Degree Scheme in Construction and Environment features programmes that are mostly accredited/recognised by professional organisations, preparing students for professional careers and leadership roles across various relevant fields. Selected programmes also offer students the opportunity to pursue a Secondary Major in Innovation and Entrepreneurship (IE) or Artificial Intelligence and Data Analytics (AIDA), expanding academic and career opportunities.

To support the Scheme's first cohort of students in making a smooth transition to university life, an engaging orientation session was held on 25 August 2025. The comprehensive session offered students an overview of the Common Year One curriculum, which would lay a solid foundation across multiple disciplines in construction and environmental studies. The session also introduced students to the nine specialised Majors available for selection at the end of their first year, helping them make informed decisions about their academic paths. During the orientation, students had the opportunity to connect with their peers and meet the BDSCE Team, including the Scheme Leader and their Academic Advisors, who are committed to supporting students throughout their academic journey. This interaction fostered a sense of community among the inaugural cohort and prepared them for an exciting and rewarding university experience.

Launch of Bachelor of Science (Honours) in Architectural Studies and approval for new Department of Architecture

The Bachelor of Science (Honours) in Architectural Studies was launched in the 2025/26 academic year. This inaugural programme is hosted by the Department of Building and Real Estate (BRE) and co-hosted by the School of Design (SD), aiming to integrate the strengths of both units with the other three FCE departments. The focus is on advanced technology, artificial intelligence (AI), humanities, and sustainable design.

Prof. Tristance KEE, the Programme Leader and Associate Professor of BRE, emphasised the programme's mission to cultivate the next generation of architects who can leverage advanced technologies and innovations to support the growth of the construction industry. "Students will engage with cutting-edge technologies such as AI, Building Information Modelling (BIM), and Geographic Information Systems (GIS) relevant to architecture, construction, building materials, and building services, addressing sustainable development challenges in the built environment," she shared.

The curriculum prioritises practical learning opportunities, including academic research, international exchanges, and internships. Prof. Kee highlighted that students would explore various fields within architecture, gaining insights into building design concepts while developing traditional skills such as Chinese architecture, architectural conservation, and green building practices. A mentorship scheme would be developed to connect students with industry leaders for professional guidance.

This programme uniquely integrates knowledge and analytical tools, digital skills and transferable skills with design capabilities tailored to the architecture profession's needs. Looking ahead, Prof. Kee reiterated the commitment to quality education, indicating that the programme would seek accreditation from The Hong Kong Institute of Architects (HKIA) and Architects Registration Board (ARB). Graduates would be well-positioned for employment as professional trainees in architecture firms, construction companies, government departments, and organisations involved in urban planning and architectural development. The programme has garnered interest from international applicants spanning a wide range of countries, showcasing its broad appeal.

On 16 September 2025, FCE hosted the Inaugural Ceremony for the Bachelor of Science (Honours) in Architectural Studies Programme, welcoming the first cohort of PolyU architecture students. A key highlight of the event was the announcement by Prof. Jin-Guang TENG, PolyU President, regarding the formal approval by the University Senate to establish the Department of Architecture under FCE, effective 1 July 2026. This milestone event underscored the commitment of both the University and the Faculty to advancing architectural education and set a positive tone for the academic journey of the new Architectural Studies students.

In his address, Prof. Teng envisioned that the new department would strengthen the University's academic foundation in architecture, fostering the integration of advanced technologies within the curriculum. It would pave the way for the development of additional architecture-related programmes, elevating PolyU's standing and influence in architectural education both in Hong Kong and in the world. He also reaffirmed the University's dedication to offering world-class resources, exceptional teaching, and a supportive community for the students' education and development.

Prof. Xiang-dong LI, Dean of Faculty, highlighted the distinctive features of PolyU's architecture programme. He reiterated its pioneering integration of AI and advanced digital technologies throughout the curriculum. This innovative approach aims to cultivate a new generation of visionaries who will lead the transformation of the architecture industry in the era of AI, supporting a climate-resilient and sustainable future. Prof. Li also expressed his anticipation for FCE's elevated role in advancing architectural education and innovation, both in Hong Kong and beyond, with the establishment of the new Department of Architecture.

FCE showcases educational excellence during RICS accreditation visit

The academic programmes offered by FCE equip students for professional careers and leadership roles across various construction and environmental fields, with the majority receiving accreditation from professional organisations. On 26 and 27 March 2025, an accreditation team from the Royal Institution of Chartered Surveyors (RICS) visited FCE to evaluate ten bachelor's and master's degree programmes offered by the three FCE academic departments for accreditation purposes.

During the two-day visit, the RICS team met with Prof. Charles WONG, Associate Dean (Teaching and Global Engagement) of Faculty, along with the Heads, Associate Heads (Teaching), programme leaders, and other relevant academic and teaching staff. They discussed general and strategic issues related to the programmes, examined key programme elements, and explored the Faculty's collaboration with RICS. The team also reviewed coursework and toured department laboratories and facilities to gain a comprehensive understanding of the quality of education provided at FCE. Furthermore, they engaged with students and industry representatives to gather insights and experiences on the programmes. This visit provided an excellent opportunity to demonstrate the Faculty's commitment to maintaining educational excellence.

FCE/EDC Sharing Session on Teaching Excellence 2025

To maintain and enhance the quality of teaching at FCE, the Faculty co-organised a sharing session on teaching excellence with the Educational Development Centre (EDC) on 22 May 2025.

Accomplished pedagogical experts from both FCE and EDC were invited to present their pedagogical innovations and insights, fostering an exchange of best practices among participants from FCE and other PolyU units. Prof. Xiang-dong LI, Dean of Faculty, and Prof. Charles WONG, Associate Dean (Teaching and Global Engagement) of Faculty, expressed FCE's unwavering pursuit of quality education and highlighted the vital role of teaching in upholding FCE's academic excellence.

The sharing session was part of the Faculty's continuous efforts to enhance teaching quality.

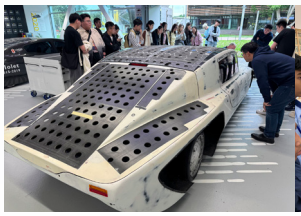
Topic	Speaker
Computer Applications in Geotechnical Engineering Education	**Prof. Zhen-Yu YIN** *Professor* *Dept of Civil and Environmental Engineering*
Feasibility and Acceptance of "Digital Technology Enabled Flipped Classroom" in Engineering Education	**Prof. Cynthia HOU** *Assistant Professor* *Dept of Building Environment and Energy Engineering*
Fostering Empathy and Intellectual Development through Serving Disadvantaged Communities in Aging Buildings	**Ir Chung-lim KWAN** *Senior Teaching Fellow* *Dept of Civil and Environmental Engineering*
Engaging Students in Non-Local Learning Experiences	**Dr Barbara SIU** *Senior Lecturer* *Dept of Civil and Environmental Engineering*
The Journey to Awards: Innovating with EdTech and Guiding Success in Teaching & Learning	**Dr Kai Pan MARK** *Senior Educational Development Manager* *(Senior Digital Learning Specialist)* *Educational Development Centre*

FCE students gain global outlook through non-local learning experiences

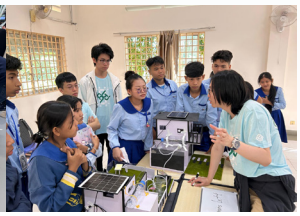
FCE places great importance on fostering a global perspective among students and supports the University's goal of promoting non-local learning experiences. To support this objective, FCE departments continued to expand the range of short-term non-local learning opportunities for undergraduate students, helping them broaden their horizons.

In the 2024/25 academic year, FCE departments organised non-local learning activities with destinations spanning Australia, Cambodia, Dubai, France, Italy, Japan, Thailand, and the Chinese Mainland. Each trip was centred around distinct themes that aligned with the intended learning outcomes of the respective academic programmes. Participating students attended lectures at top-notch universities, studied ancient Roman architecture, experienced innovations that could transform a desert into a liveable environment, visited a large-scale rail transit project site in a densely populated city centre, explored sophisticated disaster prevention systems, and gained first-hand insight into the global carbon trading market. Beyond academic enrichment, they also immersed themselves in different religious cultures, learnt the various facets of history, and witnessed the interconnectedness between technology and the humanities.

Through these enriching experiences, FCE departments empowered students to become professionals with cultural awareness and a global outlook.



BEEE Study Trip to Australia



BEEE Service-learning Trip to Cambodia

BRE Study Trip to Italy

BRE Study Trip to Japan

CEE Study Trip to Dubai

CEE Study Trip to Thailand

LSGI Study Trip to Japan

LSGI Study Trip to the Chinese Mainland

FCE students gain insight into data centre industry at cross-discipline career talk

On 6 March 2025, FCE co-hosted a career talk with the Faculty of Engineering (FENG), featuring guest speakers from iAdvantage, Hong Kong's leading data centre provider. The event offered students from both faculties an in-depth introduction to iAdvantage's Graduate Engineer Programme.

This career talk provided FCE students with a valuable opportunity to explore diverse career prospects within the data centre industry, expanding their potential career paths. Attendees gained insights through an industry overview and company introduction presented by Mr Penny NG, Assistant Vice President of Facility Management, and Ms Sand TAM, Vice President of Human Resources at iAdvantage, as well as from a PolyU alumna, Ms Amy WONG, who participated in the programme and is now a Facility Engineer at iAdvantage. She shared her first-hand experiences, offering a personal perspective on the opportunities and challenges.

In addition to nurturing FCE students within their chosen fields, FCE is dedicated to broadening their career horizons by facilitating connections with potential employers across disciplines.

FCE departments host career events to empower students for informed career choices and planning

Throughout the academic year, FCE departments organised a series of career events designed to broaden students' understanding of prospective career opportunities, industry outlooks, and pathways in both the public and private sectors. These events aimed to equip students with the knowledge and insights needed to make informed decisions about their future careers.

The Department of Building Environment and Energy Engineering (BEEE) hosted the "BEEE Career Night: Explore Your Future" on 4 November 2025. The event featured representatives from a government department, contractors, consultancy firms, facility management companies, and property developers, who shared their experiences and offered valuable career advice.

Participating organisations included:

- Electrical and Mechanical Services Department of the Government of the HKSAR
- J. Roger Preston Limited
- Jardine Engineering Corporation
- Jones Lang LaSalle
- Swire Properties Limited

On 23 January 2025, the Department of Building and Real Estate (BRE) held a career talk featuring Valuation Surveyors and a Valuation Surveying Graduate from the Rating and Valuation Department of the Government of the HKSAR. The session provided students with insights into career opportunities within the department and the broader field of valuation surveying.

The Department of Civil and Environmental Engineering (CEE) organised the CEE Career Fair 2025 on 10 October 2025. Over 350 undergraduate and master's students engaged with industry professionals and alumni from six leading companies, gaining valuable perspectives on career development, industry outlooks, and essential tips for success.

Participating organisations included:

- AECOM
- AtkinsRéalis
- China State Construction Engineering (Hong Kong) Limited
- Chun Wo Development Holdings Limited
- Dragages Hong Kong
- Gammon Construction Limited

The Department of Land Surveying and Geo-Informatics (LSGI) hosted three career talks on 21 February, 28 February, and 7 March 2025. These sessions provided students with an excellent opportunity to explore diverse career options in both the private and public sectors.

Participating organisations included:

- Arup
- Build King Holdings
- China State Construction Engineering (Hong Kong) Limited
- Esri China (Hong Kong)
- Leica Geosystems
- Ming Hing Waterworks Engineering Co Ltd
- Lands Department of the Government of the HKSAR
- Planning Department of the Government of the HKSAR

FCE was deeply grateful to the partners from the Government of the HKSAR and the industry for their invaluable support and active participation. Their involvement provided FCE students with a clearer understanding of the skills and attributes valued in the workplace, helping to bridge the gap between academic learning and professional practice.

FCE student support schemes enhance learning experience and empower future leaders

As a leading institution in construction and environmental education, FCE is committed to attracting and nurturing high-calibre students. The Faculty offers several student support schemes aimed at enhancing the student experience and fostering the development of future leaders.

FCE Award for Tomorrow's Leaders

The Award aims to recognise undergraduate students who demonstrate a strong commitment to becoming professionals or leaders in the construction and environmental fields. Award recipients are acknowledged for their active engagement in activities that enhance their knowledge, skills, and professional network. Each awardee will receive a cash prize sponsored by the FCE Fund and a certificate.

FCE Global Learning Scheme

The Scheme enhances participation in non-local learning experiences by supporting academic departments and students. It provides financial incentives for departments to develop subjects/ programmes with non-local learning opportunities, fostering collaboration with world-leading universities and companies. It also offers eligible undergraduate students a one-off financial subsidy to assist with the expenses of participating in non-local learning activities.

Entry Scholarship and Bursary for Outstanding HKDSE Students

To attract and recognise students with outstanding results in the Hong Kong Diploma of Secondary Education Examination (HKDSE), the Faculty will award a one-off scholarship on top of the entry scholarships offered by the University or programme-hosting department. Students in financial need can also apply for extra bursary support, subject to their eligibility.

FCE students and teaching staff are encouraged to explore and make good use of these opportunities.

Outreach Activities

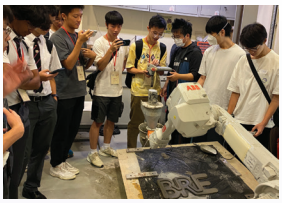
FCE Build a Smart City Competition 2025 inspires next generation of innovators

The FCE Build a Smart City Competition 2025 was the flagship event organised by the Faculty to engage secondary students in Smart City concepts and encourage innovative solutions for transforming Hong Kong into a smarter, more sustainable city. Since registration opened in March 2025, the competition attracted an enthusiastic response, with 175 students from 45 local secondary schools participating.

The contestants were divided into four groups according to their assigned projects and delved into tailored activities designed by the respective FCE departments, each reflecting the distinctive focus and strengths of the departments.

Project Name	Department
Recycling for a Sustainable North	Dept of Building Environment and Energy Engineering
A Smart Approach to Urban Renewal in To Kwa Wan: Old Communities in Transformation	Dept of Building and Real Estate
Shaping a Smart Environment through Carbon-Neutral Vision: Starting from Your Campus	Dept of Civil and Environmental Engineering
Spatial Data Challenge in Smart City	Dept of Land Surveying and Geo-Informatics

Two-day Workshop

The competition began with a two-day workshop held on 28 June and 5 July 2025. During the two-day workshop, the contestants explored the project concepts through lectures, laboratory sessions, site visits to relevant infrastructures and a government department, and guided discussions. This combination of theoretical knowledge and practical applications deepened their understanding of Smart City concepts and their real-world implications.

After the workshop, the competition groups were given about seven weeks to develop their projects, applying the knowledge and skills acquired.

Project Presentation

On 22 August 2025, the contestants presented their innovative solutions to the judging panels. Each team showcased their projects in distinctive and innovative styles, demonstrating not only their grasp of Smart City concepts but also their creativity, vision for a sustainable Hong Kong, teamwork, and presentation skills. The judging panels, comprising FCE academics alongside distinguished alumni or industry partners, assessed the projects based on innovation, feasibility, relevance, impact, and overall presentation.

Award Presentation Ceremony

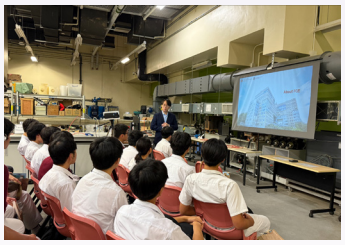
After keen competition among the 175 students from 45 local secondary schools, the winning teams stood out through exceptional innovation, feasibility, relevancy, impact, and overall presentation. An Award Presentation Ceremony was successfully held on 27 September 2025, marking the culmination of months of hard work, creativity, and collaboration of the contestants. Awards were presented for Merit, Second Runner-up, First Runner-up, and Champion projects, with the Champion teams invited to share their experiences and insights.

Following the ceremony, the participants joined the PolyU Info Day activities and explored further opportunities at FCE.

Congratulations to the winning teams! We look forward to witnessing the continued impact of these young innovators on Hong Kong's future.

Department **Project Name**	**Champion**
Dept of Building Environment and Energy Engineering	
Recycling for a Sustainable North	**Pui Ching Middle School** Ms Wing Yau LAM Ms Guan Yue YU Ms Cheng Man LIANG
Dept of Building and Real Estate	
A Smart Approach to Urban Renewal in To Kwa Wan: Old Communities in Transformation	**La Salle College** Mr Leandro RAVEENDRA KUMAR Mr Hui Chyun CHU Mr Ying On CHEUNG Mr Ayden Tsz San YIP Mr Cho Nam PANG
Dept of Civil and Environmental Engineering	
Shaping a Smart Environment through Carbon-Neutral Vision: Starting from Your Campus	**Sacred Heart Canossian College** Ms Wing Hei KWAN Ms Alice HUANG Ms Wenxi FAN
Dept of Land Surveying and Geo-Informatics	
Spatial Data Challenge in Smart City	**St. Joseph's Anglo-Chinese School** Mr Ho Chun CHEONG Mr Cheuk Yin LAI Mr Yu Pok NG Mr Tsz Ho WONG Mr Ho Hin YEUNG

FCE welcomes secondary school students for preview of Faculty's education and research environment



As a part of its efforts to inspire local prospective students, the Faculty hosted a group of Form 5 students from SKH Bishop Mok Sau Tseng Secondary School on 28 March 2025 to introduce them to the academic opportunities available at FCE. Prof. Charles WONG, Associate Dean (Teaching and Global Engagement) of Faculty, kicked off the visit with an introduction to FCE, sharing insights into the undergraduate programmes offered. The participating students also had the opportunity to have a glimpse into FCE's research and teaching environment through a tour of three laboratories of the Department of Building Environment and Energy Engineering (BEEE).

PolyU JUPAS Consultation Day 2025

The PolyU Consultation Day for Joint University Programmes Admissions System (JUPAS) applicants, an annual event that allows JUPAS applicants to explore their programme options, took place on 24 May 2025.

The FCE booth attracted over 200 visits from JUPAS applicants and parents. Representatives from the Faculty and the four departments addressed inquiries regarding the curricula, admission requirements, and career prospects associated with the undergraduate programmes offered by FCE, in particular the new programmes launched by the Faculty. Tailored advice was provided for prospective students on their JUPAS programme selections.

In addition to one-on-one consultations, FCE departments also organised mock admission interviews, programme seminars, and a laboratory tour, giving participants first-hand experience of the academic environment at FCE and empowering them to make informed decisions for their academic futures.

FCE provides immersive faculty attachment for secondary school students in PolyU Summer Institute 2025

The PolyU Summer Institute 2025 was successfully held from 21 to 25 July 2025, offering secondary school students an immersive five-day residential camp that provided a glimpse into university life. During the faculty attachment sessions on the second and fourth days, 48 participants took part in day-long tours organised by FCE, exploring state-of-the-art facilities and conducting hands-on laboratory experiments. These activities deepened their understanding of the construction and environment industries.

On the third day, 30 participants visited Arup's Hong Kong office, gaining valuable insights into potential career opportunities. Throughout the event, FCE showcased its interactive and innovative teaching methods across its internationally renowned disciplines, highlighting the diverse career pathways available within the fields.

FCE departments highlight programme strengths at PolyU Taught Postgraduate Programme Information Week

FCE actively engaged prospective students from around the world for its taught postgraduate programmes targeting admission in 2026/27 and beyond during the PolyU Taught Postgraduate Programme Information Week, held from 13 to 22 December 2025. The event kicked off with a live broadcast seminar, where representatives from the four FCE departments introduced their respective postgraduate programmes. They provided an overview of the popular offerings, emerging industry trends, career prospects, and the distinctive strengths of these programmes. Following this, a series of 12 programme-specific seminars was conducted throughout the event week, offering prospective applicants in-depth information to help them make informed decisions.

Student Achievements

Outstanding Student Award of FCE 2024/25

Mr Beiming HU, a Bachelor of Engineering (Honours) in Civil Engineering student of the Department of Civil and Environmental Engineering (CEE), was awarded the Outstanding Student Award of FCE 2024/25. The award recognised his exceptional personal qualities, outstanding academic merits, and distinguished contributions to extra-curricular activities and community service.

Mr Hu has excelled in both academic and non-academic pursuits, being named to the Dean's Honours List for 2022/23 and 2023/24, winning the Third Prize Award of ASCE Greater China Student Symposium 2024, and receiving the Scholarship for Outstanding Performance from the HKSAR Government Scholarship Fund 2024/25, along with other prestigious scholarships. He also served as the Internal Vice President of University YMCA and completed a summer internship at The University of British Columbia. The Faculty is proud to recognise top-performing students, like Mr Hu, who serve as role models through their remarkable accomplishments and active community contributions.

Besides the faculty-level award, the Outstanding Student Award was also granted to exemplary students at the departmental level. The following awardees from FCE departments were honoured by Prof. Jin-Guang TENG, PolyU President, at the presentation ceremony held on 3 April 2025.

Outstanding Student Award of Faculty	**Mr Beiming HU** *Dept of Civil and Environmental Engineering*
Outstanding Student Award of Department	**Mr Yuxi CHEN** *Dept of Building Environment and Energy Engineering*
	Mr Shun Kit YAU *Dept of Building and Real Estate*
	Mr Hoi Wah NG *Dept of Land Surveying and Geo-Informatics*

Presidential Student Leadership Award of FCE 2024/25

Ms Nar Hmue Khin KYIN, a student of Bachelor of Engineering (Honours) in Civil Engineering (Smart Mobility) with a Secondary Major in Artificial Intelligence and Data Analytics in the Department of Civil and Environmental Engineering (CEE), was honoured with the Presidential Student Leadership Award of FCE 2024/25 in recognition of her extraordinary leadership qualities and contributions to the community.

In addition to the faculty-level award, this distinction was also conferred upon students who have demonstrated remarkable leadership achievements at the departmental level. Congratulations to the following recipients who received their awards from Prof. Jin-Guang TENG, PolyU President, at the presentation ceremony held on 3 April 2025.

Faculty Award	**Ms Nar Hmue Khin KYIN** *Dept of Civil and Environmental Engineering*
Departmental Award	**Ms Yufei LAN** *Dept of Building Environment and Energy Engineering*
	Ms Hung Lee CHONG *Dept of Building and Real Estate*
	Ms Mingjie DUAN *Dept of Land Surveying and Geo-Informatics*

Best Research Postgraduate Student of the Year 2024

The Faculty is delighted to congratulate Mr Dingqiang FAN, a PhD student of the Department of Civil and Environmental Engineering (CEE), on being honoured with the "Best Research Postgraduate Student of the Year 2024" by the Graduate School (GS). Mr Fan was one of only two PhD students to receive this prestigious accolade this year.

This award recognises Mr Fan as an excellent and inquisitive researcher who makes a positive impact on his peers and the broader research community. Under the supervision of Prof. C.S. POON, Distinguished Research Professor of CEE, Mr Fan's research focuses on the development of sustainable high-performance lightweight construction materials toward carbon neutrality applications. Through his innovative approach to carbon capture and storage in construction materials, he aims to advance the building industry toward carbon neutrality and sustainability. We look forward to witnessing his future research and its positive impact on society.

FCE Awards for Outstanding PhD Theses 2024/25

The FCE Awards for Outstanding PhD Theses were established to recognise exceptional research outputs by FCE PhD students. Three students were honoured for their exemplary academic performance, impressive publication records, substantial research contributions, and outstanding presentation skills in 2024/25.

The selection of awardees was conducted through a rigorous evaluation process. An "excellent" rating from the Board of Examiners served as a prerequisite for consideration, after which the respective Departmental Research Committees shortlisted the most distinguished candidates. These finalists then delivered their oral presentations to the Working Group of the Faculty Research Committee, which selected the final awardees.

By recognising these high-calibre theses, the Faculty reaffirms its commitment to fostering professional excellence, cultivating a vibrant research community, and advancing innovative research.

Name *Department*	Chief Supervisor	Title of Thesis
Dr Zhe CHEN *Dept of Building Environment and Energy Engineering*	**Prof. Linda XIAO** *Professor*	Development of Data-driven Methods with Enhanced Interpretability and Reliability for Optimal Control and Diagnosis of Air-Conditioning Systems
Dr Xiong SHA *Dept of Civil and Environmental Engineering*	**Prof. Songye ZHU** *Professor*	Baseline-free electromechanical impedance technique for material characterization and delamination detection in concrete
Dr Yamin QING *Dept of Land Surveying and Geo-Informatics*	**Prof. Shuo WANG** *Associate Professor*	Advancing the Understanding of Soil Drought Dynamics and Mechanisms in a Warming Climate

Following the FCE Awards for Outstanding PhD Theses, Dr Yamin QING's thesis also won the PolyU PhD Thesis Award 2025 (STEM Outstanding Award) hosted by the Graduate School in recognition of her distinctive research achievements demonstrated through her graduation thesis.

FCE Three Minute Thesis Competition 2025

As a prelude to the PolyU Three Minute Thesis Competition (3MT®) 2025, the FCE 3MT® competition was held on 10 June 2025. A total of nine contestants selected from department-level 3MT® competitions presented their research to the adjudicating panel and the audience in three minutes, with the aid of one static PowerPoint slide. The adjudicating panel selected three winners while the audience cast their votes for the People's Choice Award.

The following awardees stood out from the competition with their exceptionally concise and engaging presentations. The Champion, Mr Zhengyang LI from the Department of Civil and Environmental Engineering (CEE), represented FCE in the PolyU 3MT® on 2 July 2025.

The 3MT® competition was developed by The University of Queensland to cultivate PhD students' academic, presentation, and research communication skills.

Award	Name *Department*	3MT® Title
Champion	**Mr Zhengyang LI** *Dept of Civil and Environmental Engineering*	User heterogeneity in urban transportation networks
First Runner-up & People's Choice Award	**Ms Mo ZHOU** *Dept of Land Surveying and Geo-Informatics*	Global coastal communities are facing an increasing risk of concurrent heatwaves and extreme sea levels in a warmer world
Second Runner-up	**Ms Siqi ZHOU** *Dept of Building Environment and Energy Engineering*	When the Wind Blows: Human Body Convective Heat Transfer under Non-stationary Turbulent Wind

BEEE PhD student-led startup wins Certificate of Merit at HKICT Startup Awards with innovative fire emergency system

As the Faculty and its departments actively foster knowledge transfer and encourage an entrepreneurial spirit, we are delighted to see FCE member-led startups being recognised for translating impactful research and technologies into practical solutions.

Mr Ho Yin WONG, PhD student of the Department of Building Environment and Energy Engineering (BEEE) and co-founder of the startup GABES Limited, received a Certificate of Merit of the ICT Startup (Hardware and Devices) Award 2024.

The winning innovation "Generation Alpha Building Emergency System" uses Internet of Things (IoT) technology to determine the severity and origin of a fire emergency and adjusts building evacuation routes through a dynamic exit sign system. This can expedite the evacuation process and enhance the efficiency of property management.

PolyU team led by BRE undergraduates wins Gold Award in Chun Wo Innovation Student Awards 2024

On 29 July 2025, a PolyU team, led by undergraduate students from the Department of Building and Real Estate (BRE) and joined by a student from the Department of Computing (COMP), was awarded the Gold Award of the Chun Wo Innovation Student Awards 2024, in recognition of their engineering talent and innovation.

The competition, themed "Engineers: Overcoming World's Challenges", challenged participants to propose innovative engineering solutions addressing climate action, sustainable cities and communities, and innovative architecture and infrastructure. The winning project "Renewable Material Coagulant" utilised industrial by-products to develop a low-carbon solidifying agent, serving as a sustainable alternative to traditional cement for ground stabilisation. The solution achieved over 80% reduction in carbon emissions and presented a promising approach for green construction and land rehabilitation.

Apart from the BRE-led team, other PolyU students participated and received awards as members of cross-institutional teams.

Established in 2018, this biennial competition aims to inspire young innovators to develop creative engineering solutions that strengthen urban connectivity and promote sustainable city development.

Department	Name	Programme
Dept of Building and Real Estate	Ms Ka Man TAM *	BSc (Hons) in Surveying
	Ms Lam Yan CHAN	BSc (Hons) in Building Engineering and Management
	Ms Wing Shan WONG	BSc (Hons) in Surveying
Dept of Computing	Mr Haoxun DU	BSc (Hons) in Computing Science

** Team leader*

FCE undergraduate students receive HSBC Scholarships 2024/25

Three FCE students were awarded HSBC scholarships for the year 2024/25, as part of a total of 24 awardees from PolyU. Since launching its first scholarship scheme in 1965, HSBC has consistently supported high-achieving students in their professional development while fostering meaningful community engagement through various flagship scholarship initiatives. The following FCE awardees have been recognised under the HSBC Hong Kong Scholarship for their outstanding academic achievements and dedicated community service:

Scholarship scheme	Awardee
HSBC Hong Kong Scholarship	**Mr Lok Kwan CHAN** BEng (Hons) in Building Services Engineering *Dept of Building Environment and Energy Engineering*
	Mr Shun Kit YAU BSc (Hons) in Surveying *Dept of Building and Real Estate*
	Mr Kam Kin CHEN BSc (Hons) Scheme in Spatial Data Science and Smart Cities *Dept of Land Surveying and Geo-informatics*

SHKP-Kwoks' Foundation x PolyU Building Homes with Heart Scholarship Programme 2024/25

For the 2024/25 academic year, twelve outstanding FCE students received scholarships from the SHKP-Kwoks' Foundation x PolyU Building Homes with Heart Scholarship Programme. Each awardee received up to HK$40,000 to support their academic journey.

The presentation ceremony, held on 6 August 2025, was graced by Mr Thomas KWOK, Director of the SHKP-Kwoks' Foundation, and Ms Amy KWOK, Executive Director of the SHKP-Kwoks' Foundation, who presented the scholarships to the recipients. Also in attendance were Mr Adam KWOK and Mr Robert CHAN, both Executive Directors of SHKP, as well as PolyU representatives, including Prof. Ben YOUNG, Vice President (Student and Global Affairs); Prof. Horace MUI, Interim Dean of Students; and Prof. Linda XIAO, Associate Dean (Partnership) of Faculty.

During the ceremony, Mr Thomas KWOK said SHKP was delighted to continue its partnership with PolyU to nurture young talent and foster the next generation of industry professionals. Mr Robert CHAN, who is also a PolyU alumnus, encouraged the scholarship recipients to equip themselves for future challenges, while Prof. Young highlighted the shared commitment of SHKP and PolyU to supporting and developing young talent.

The scholarship programme is a joint initiative launched in the 2022/23 academic year by the SHKP-Kwoks' Foundation and PolyU. It aims to support outstanding PolyU students—particularly those facing financial challenges—in their pursuit of studies in construction, real estate, or engineering-related disciplines.

Department	Programme	Awardee
Dept of Building Environment and Energy Engineering	BEng (Hons) in Building Sciences and Engineering with a Secondary Major in AIDA	Mr Jiefu LI
	BEng (Hons) in Building Services Engineering	Mr Lok Kwan CHAN
	BEng (Hons) Scheme in Building Sciences and Engineering	Mr Tianlu CHEN
Dept of Building and Real Estate	BSc (Hons) in Surveying	Ms Hung Lee CHONG Mr Tsz Hang FU Ms Tsz Ka HUI Mr Chun Yu NG Ms Nok Man YU
	BSc (Hons) in Surveying Minor in Management	Ms Lok Yee CHOW
Dept of Civil and Environmental Engineering	BEng (Hons) in Civil Engineering	Ms Tsz Tung CHAN Mr Chin Ho CHEUNG
Dept of Land Surveying and Geo-Informatics	MSc in Geomatics	Mr Chunhao YANG

Staff News

PolyU President's Awards and Faculty Awards for Outstanding Achievement 2024

The President's Awards and the Faculty Awards for Outstanding Achievement are prestigious accolades designed to honour the exceptional contributions of our staff members. These awards, which include both individual and team categories, recognise excellence in the areas of Teaching, Research and Scholarly Activities, Knowledge Transfer, and Services.

Congratulations to all the distinguished individuals and teams awarded in the 2024 Awards for their remarkable achievements.

The President's Awards for Outstanding Achievement 2024

Category of Award	Dept	Individual Award	
Research and Scholarly Activities (Outstanding Researcher)	CEE	Prof. Yi-Qing NI	Chair Professor

FCE Faculty Awards for Outstanding Achievement 2024

Category of Award	Dept	Individual Award/ Team Award	
Teaching (Outstanding Teacher)	CEE	Dr Barbara SIU *	Senior Lecturer
		Prof. Anthony CHEN	Professor
		Prof. C.S. POON	Distinguished Research Professor
		Prof. Andy LEUNG	Associate Professor
		Prof. Shu-Chien HSU	Associate Professor
		Prof. Jacqueline LO	Assistant Professor
Research and Scholarly Activities (Outstanding Researcher)	CEE	Prof. Yi-Qing NI	Chair Professor
Research and Scholarly Activities (Outstanding Young Researcher)	LSGI	Prof. Xiaolin ZHU	Associate Professor
Knowledge Transfer: Industry	BEEE	Prof. Tommy WEI	Professor

** Team leader*

Dean's Award for Outstanding Achievement in Research Funding 2025

This award recognises academic staff who have successfully secured competitive external research funding.

Department	Awardee	
Dept of Building Environment and Energy Engineering	Prof. Vivien LU Prof. Cheuk Ming MAK	Professor Professor
Dept of Building and Real Estate	Prof. Wen YI	Associate Professor
Dept of Civil and Environmental Engineering	Prof. Anthony CHEN Prof. Huan-Feng DUAN Prof. Yuhong WANG Prof. Yong XIA Prof. Songye ZHU Prof. Yi JIANG Prof. Wei MA Prof. Jing-Hua WANG	Professor Professor Professor Professor Professor Associate Professor Associate Professor Assistant Professor
Dept of Land Surveying and Geo-Informatics	Prof. Charles WONG	Professor

FCE Award for Outstanding Administrative/Technical Services 2025

This award recognises the outstanding performance of the administrative and technical staff of the Faculty and departments in delivering high-quality service.

Unit	Award Category	Awardee	
Faculty of Construction and Environment	Individual Award	Ms Cherry LEUNG	Senior Executive Officer
	Individual Award	Ms Joanne MA	Executive Officer
	Team Award	Miss Angela LEE* Miss Carol LIU	Executive Officer Assistant Officer
Dept of Building and Real Estate	Individual Award	Ms Connie YAP	Assistant Officer
Dept of Civil and Environmental Engineering	Individual Award	Mr Henry CHEUNG	Technical Officer
	Individual Award	Ms Helen FUNG	Executive Officer
	Individual Award	Ms Frances LI	Assistant Officer
	Team Award	Dr D.X. XUAN* Mr Paul CHOI Mr Harry LAI Mr Bosco TAM	Laboratory Manager Technical Officer Technical Officer Technical Officer
Dept of Land Surveying and Geo-Informatics	Individual Award	Ms Anna CHOI	Executive Officer
	Team Award	Ms Jocelyn WONG* Mr Andy CHEUNG Mr Alvin TSE	Executive Officer Assistant Technical Officer Office Assistant

** Team leader*

New leadership for BEEE and CEE

Department of Building Environment and Energy Engineering (BEEE)

Prof. Asif USMANI, Chair Professor of Building Sciences and Fire Safety Engineering, ceased to be Head of BEEE with effect from 1 July 2025.

The Faculty would like to thank Prof. Usmani for his dedicated leadership and significant contributions during his tenure as the Head of BEEE since August 2016. Prof. Usmani continues to serve as Chair Professor within the department.

Prof. Meng NI, Chair Professor of Energy Science and Technology of the Department of Building and Real Estate (BRE), was appointed Head of BEEE with effect from 1 July 2025. On appointment as Head of BEEE, Prof. Ni was transferred from BRE to BEEE.

Prof. Ni received his PhD from The University of Hong Kong in 2007 and joined PolyU in July 2009. He was a winner of the RGC Senior Research Fellow Scheme 2023/24 and was promoted to Chair Professor in 2024. He serves as one of the Editors-in-Chief for *Energy Reviews* and as the Senior Editor for *Sustainable Energy Technologies and Assessments*. He is an active reviewer for over 80 journals, including *Science*, *Nature Energy*, *Joule*, *Advanced Materials*, etc. Prof. Ni's research interests include fuel cells, hydrogen energy, rechargeable metal-air batteries, and electrochemical systems for low grade waste heat utilisation. The Faculty looks forward with great anticipation to Prof. Ni's leadership of BEEE.

Department of Civil and Environmental Engineering (CEE)

Prof. C.S. POON, Michael Anson Professor in Civil Engineering, ceased to be Head of CEE and retired from Chair Professorship on 1 July 2025. Prof. Poon was appointed Distinguished Research Professor in CEE with effect from the same date.

The Faculty would like to thank Prof. Poon for the exemplary service and leadership in his headship capacity since July 2019.

Prof. Songye ZHU, Professor of CEE, was appointed Interim Head of CEE with effect from 1 July 2025 until the new Head of CEE is in post. Prof. Zhu's appointment as Associate Head of CEE ceased on the same date.

Staff promotions

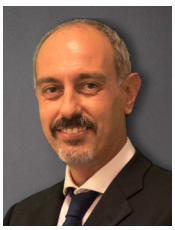
Congratulations to the promotions of the following academic and teaching staff of FCE with effect from 1 July 2025!

Promotion to Chair Professor

Prof. Jianli CHEN
Chair Professor of Space Geodesy and Earth Sciences
Dept of Land Surveying and Geo-Informatics

Promotions to Professor

Prof. Shao-Yuan LEU
Dept of Civil and Environmental Engineering



Prof. Alessandro STOCCHINO
Dept of Civil and Environmental Engineering

Promotions to Associate Professor

Prof. Liming JIANG
Dept of Building Environment and Energy Engineering

Prof. Ruoyu YOU
Dept of Building Environment and Energy Engineering

Prof. Jeff SHEN
Dept of Building and Real Estate

Prof. Wen YI
Dept of Building and Real Estate

Prof. Wei MA
Dept of Civil and Environmental Engineering

Prof. Qi ZHAO
Dept of Civil and Environmental Engineering

Promotion to Senior Lecturer

Dr Nicole YIU
Dept of Civil and Environmental Engineering

New academic staff

Associate Professor

Prof. Ye GUO

Dept of Building Environment and Energy Engineering

Prof. Ye GUO joined BEEE as an Associate Professor in August 2025. He holds Bachelor's and PhD degrees from Tsinghua University, and he previously served as an Associate Professor at Tsinghua-Berkeley Shenzhen Institute from 2021 to 2025. Prof. Guo's research focuses on the building-grid energy ecosystem. Prof. Guo received IEEE PES General Meeting Best Paper Awards in 2019, 2020, and 2021; notably, in 2019, he was honoured with both a Best Paper Award and the Best-of-the-Best Paper Award for two separate papers. As a Senior Member in the Institute of Electrical and Electronics Engineers (IEEE), he served as a co-chair of the IEEE Power and Energy Society (PES) Task Force on State Estimation for Integrated Energy Systems. Prof. Guo also serves as an Associate Editor for *IEEE Transactions on Energy Markets, Policy and Regulation* as well as a Subject Editor for *CSEE Journal of Power and Energy Systems*.

Prof. Yuner HUANG

Dept of Civil and Environmental Engineering

CEE welcomed Prof. Yuner HUANG to the post of Associate Professor in January 2025. Prof. Huang received her PhD degree from the Department of Civil Engineering at The University of Hong Kong in 2013. She is a Chartered Engineer of the Institution of Civil Engineers (CEng MICE), a member of the American Society of Mechanical Engineers (M.ASME), and a Fellow of the Higher Education Academy (FHEA). Before joining PolyU, she served as a Senior Lecturer at the School of Engineering, The University of Edinburgh. As an expert in structural behaviour and design, her research focuses on light-gauge steel modular construction, climate resilience of buildings and adaptation in vulnerable communities, and offshore energy infrastructure. Prof. Huang serves as the Associate Editor for the *Journal of Pressure Vessel Technology* and is on the editorial board for the *Journal of Constructional Steel Research*.

Assistant Professor

Prof. Zhiling GUO

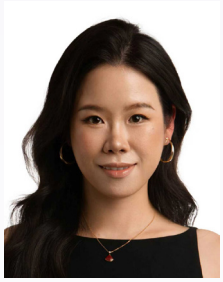
Dept of Building Environment and Energy Engineering

Prof. Zhiling GUO joined BEEE as an Assistant Professor in May 2025. He received his Bachelor's degree from Chongqing University, and earned his Master's degree and PhD from The University of Tokyo. Specialising in data science, he gained industry experience as a Data Scientist in Japan. Prof. Guo has received multiple prestigious accolades and published extensively in high-impact journals and secured competitive research funding in Japan, Hong Kong, and the Chinese Mainland. He currently serves as an Assistant Editor for *Advances in Applied Energy* and *Nexus*. His research focuses on generative artificial intelligence (AI)-enhanced geospatial data for renewable energy mapping, integrating remote sensing and machine learning to analyse building envelopes and photovoltaic characteristics, and developing Renewable Energy Simulation and Digital Twin Toolkit for smart infrastructure planning.

Prof. Hangxin LI

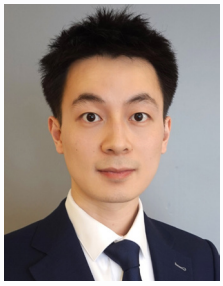
Dept of Building Environment and Energy Engineering

BEEE had a new Assistant Professor, Prof. Hangxin LI, who was promoted from Research Assistant Professor in May 2025. Prof. Li received her PhD in 2020 from BEEE. Prof. Li's research focuses on smart, energy-flexible, and energy-efficient buildings, building-power grid interaction, system and control optimisation, and uncertainty analysis. Throughout her research career, she has secured over HK$6.5 million in external funding as Principal Investigator or Principal Coordinator, including the Research Grants Council General Research Fund and the Shenzhen Science and Technology Innovation Commission Major Carbon-Neutrality Fund. Prof. Li also serves on the Young Editorial Board for *Advances in Applied Energy* and as a guest editor for *Energy* and *Building Simulation*.



Prof. Yongxin XIE
Dept of Building Environment and Energy Engineering

BEEE had a new Assistant Professor, Prof. Yongxin XIE, who was promoted from Research Assistant Professor in late October 2025. Prof. Xie earned her PhD from PolyU, her Master's and Bachelor's degrees from the South China University of Technology (SCUT) and The Hong Kong University of Science and Technology (HKUST), respectively. Before joining PolyU, she served as a postdoctoral researcher (Shuimu Tsinghua Scholar) at Tsinghua University. Her research focuses on thermal comfort, heat-health assessment, human thermoregulation modelling, urban microclimate, and human-built thermal environment interactions. She also serves as an Early Career Board Member of *Building and Environment*.



Prof. Xingyu TAO
Dept of Building and Real Estate

Prof. Xingyu TAO joined BRE as an Assistant Professor in April 2025. He obtained his Bachelor's and Master's degrees from Chongqing University, specialising in Cyber-Physical System (CPS)-based construction carbon management. He earned his PhD and gained postdoctoral research experience from The Hong Kong University of Science and Technology (HKUST). Prof. Tao has been a visiting scholar at Monash University and Tsinghua University. His research focuses on construction digitalisation, including decentralised Building Information Modelling (BIM) collaboration, blockchain-enabled data security, and human-robot collaboration. He has received several awards, including the buildingSMART Award, CIC Construction Digitalisation Award, and Hong Kong Construction Common Data Environment Award (CDEA). His work has been implemented in landmark projects for the Kai Tak Sports Park and the Digital Twin for the HKUST campus.

Prof. Jingyi WANG
Dept of Building and Real Estate

Prof. Jingyi WANG joined BRE as an Assistant Professor in December 2024. Prof. Wang received her Bachelor's and PhD degrees from the Department of Building Science at Tsinghua University, and her Master's degree from the University of Cambridge. After graduation, Prof. Wang worked in the industry and later at Harbin Institute of Technology, Shenzhen. Prof. Wang's research focuses on developing low-carbon, high-efficiency energy systems for sustainable built environments, with a particular emphasis on the utilisation of hydrogen energy. She is also a licensed Senior Engineer in Green Buildings.

Prof. Jingcai GUO
Dept of Land Surveying and Geo-Informatics

Prof. Jingcai GUO joined LSGI as an Assistant Professor in May 2025, with a joint appointment in the Department of Computing (COMP). He received his PhD, MPhil, and Bachelor's degrees in computer science and artificial intelligence (AI) respectively from PolyU, Waseda University, and Sichuan University. Prior to his current position, he was a Research Assistant Professor at COMP and a Postdoctoral Researcher at The University of Sydney. His research focuses on Efficient AI, emphasising learning and modelling with limited resources in data and computing, with applications in smart cities, mobility, and utility management. He serves as an Associate Editor for *IEEE Open Journal of the Computer Society* and regularly chairs committees at top conferences such as the International Conference on Machine Learning (ICML), Conference on Neural Information Processing Systems (NeurIPS), as well as at professional bodies like the Association for the Advancement of Artificial Intelligence (AAAI).

Prof. Xiao LI
Dept of Land Surveying and Geo-Informatics

Prof. Xiao LI joined LSGI as an Assistant Professor in late September 2025. He earned his PhD and Master's degrees from Texas A&M University and Texas A&M University-Corpus Christi, respectively. Before joining PolyU, Prof. Li served as a Senior Researcher at the Transport Studies Unit (TSU) and a Bryan Warren Junior Research Fellow at Linacre College, University of Oxford. His research interests encompass spatial data science in transport, active transport and micro-mobility, road asset digitalisation and management, and addressing inequality, safety and accessibility for marginalised road users. Prof. Li also holds an appointment as an Honorary Research Associate in the TSU at the University of Oxford.

Associate Professor of Practice

Dr Samantha KONG
Dept of Civil and Environmental Engineering

Dr Samantha KONG joined CEE as an Associate Professor of Practice in May 2025. With over ten years of experience at international engineering consultancies and a local non-governmental organisation (NGO), she has served as a Visiting Assistant Professor at PolyU since 2021. She holds several strategic governance roles appointed by the Government of the HKSAR, including positions on the Antiquities Advisory Board and the Green Tech Fund Assessment Committee. She has previously served on the Advisory Council on the Environment and the Advisory Committee on Built Heritage Conservation. Her accolades include Asia Pacific Eco-Business Youth A-List in 2021, and Young Woman Engineer of the Year from The Institution of Engineering and Technology (IET) Hong Kong in 2020.

CEE member wins PolyU Young Innovative Researcher Award 2025

Dr Yong TAO, Research Assistant Professor of the Department of Civil and Environmental Engineering (CEE), was awarded the PolyU Young Innovative Researcher Award (YIRA) 2025 for his research "Advancing CO_2 Mineralisation and Waste Concrete Valorisation for a Sustainable Future", which upcycled waste concrete into high-performance, low-carbon building materials with CO_2 mineralisation, paving the way for sustainable construction and carbon neutrality.

The YIRA is a university-level award that honours early-career scholars under 35 who have demonstrated originality, contributed to technological advancement, and propelled transformational innovation into solutions addressing global challenges through their research. Dr Tao was one of the six awardees selected out of 70 submissions across all schools and faculties. He would receive research funding support of HK$500,000 to encourage his continued pursuit of innovative and impactful research.

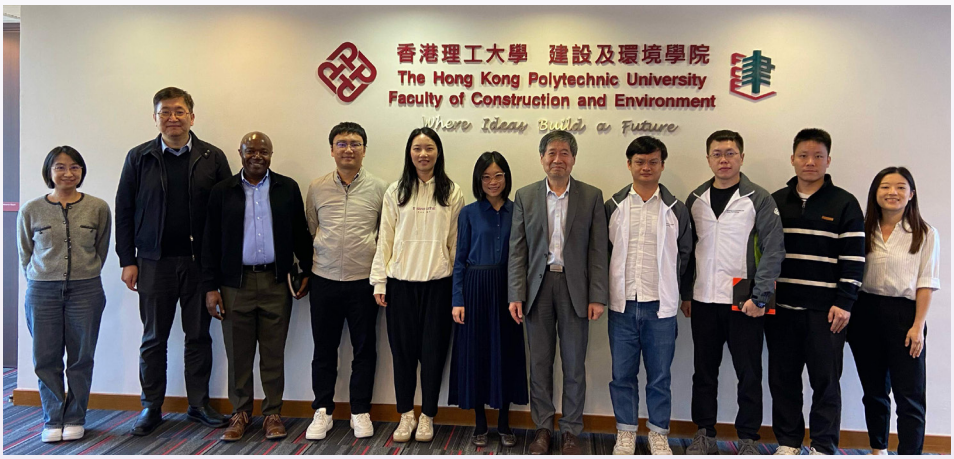
FCE engages Chair Professors in strategic discussion

On 17 September 2025, Prof. Xiang-dong LI, Dean of Faculty, convened a meeting with FCE Chair Professors to gather insights and encourage collaboration across disciplines as part of the Faculty's strategic planning process. During this session, the Dean and Chair Professors assessed the Faculty's ongoing initiatives and performance in areas such as teaching and learning, research, partnerships, and talent acquisition, highlighting the need to strengthen efforts that address critical global challenges, for instance, climate resilience.

The discussion also included an essential dialogue on navigating the evolving construction landscape in the age of artificial intelligence (AI). Chair Professors play a pivotal role in the Faculty's success, leveraging their extensive networks across international, industry, and academic realms to foster collaboration, attract talent, provide mentorship, and create valuable internship and student exchange opportunities.

Dean's informal meeting with newly recruited academics

As a part of FCE's new academic staff orientation, Prof. Xiang-dong LI, Dean of Faculty, had an informal meeting on 27 February 2025 with a group of new recruits across various academic ranks, ranging from Research Assistant Professor to Professor. In addition to introducing the Faculty's strategic priorities and outlining expectations, the Dean briefed the new joiners on FCE's new and upcoming research initiatives, encouraging them to identify potential areas of collaboration and contribution. Supporting this collaborative spirit, the Dean also held a welcome session for another group of new recruits on 27 August 2025, reinforcing the Faculty's commitment to engaging academics at various levels and ensuring a unified approach to developing a strategic plan that effectively meets both current and future challenges.



Conferment of Emeritus Professorship on Prof. Jian-Hua Yin

Prof. Jian-Hua YIN, Distinguished Research Professor and former Chair Professor of Soil Mechanics in the Department of Civil and Environmental Engineering (CEE), would be conferred the title of Emeritus Professor (Soil Mechanics) by the University, with effect from 1 January 2026, upon completion of his appointment as Distinguished Research Professor.

Prof. Yin received a souvenir from Prof. Xiang-dong LI, Dean of Faculty, as a token of appreciation.

Prof. Yin joined PolyU in 1995 and was promoted to Chair Professor of Soil Mechanics in 2013, a position he held until his retirement in September 2024. He subsequently served as a Distinguished Research Professor in CEE. As the leader of CEE's geotechnical unit, Prof. Yin has been an exceptional educator, nurturing numerous scholars and distinguished professionals.

The conferment of Emeritus Professorship on Prof. Yin is a recognition of his outstanding and sustained contributions to the academic, research, and other aspects of the University's activities, as well as his international academic leadership.

Long Service Award 2024

The Faculty would like to congratulate 30 FCE staff members who were honoured with the Long Service Award 2024 and thank them for their loyal services.

The PolyU Long Service Award is given to staff members upon completing each five-year service period. Among the 2024 FCE recipients, several have served the University for 30 years. Their deep understanding of the University and FCE's operations, culture, and history is invaluable in guiding new initiatives and mentoring younger staff members. A tea gathering was held on 21 February 2025 at Hotel ICON to celebrate their loyalty and commitment to PolyU.

The PolyU Long Service Award scheme was first introduced in 1990 to recognise long-serving staff for their dedication and commitment to PolyU, and to foster a sense of belonging among staff.

Long-serving staff

Congratulations and farewell to the following long-serving staff of FCE who retired in 2025!

Mr Sung Kei CHIU
Office Assistant
Dept of Building Environment and Energy Engineering

Mr Chi San CHUNG
Assistant Technical Officer
Dept of Building Environment and Energy Engineering

Mr Kenny HUNG
Technician
Dept of Building Environment and Energy Engineering

Partnership

Global Engagements

FCE's Architectural Studies programme attracts broad interest from international counsellors at PolyU Counsellor Fly-In 2025

To attract high-calibre students from around the globe, FCE actively participated in the PolyU Counsellor Fly-In 2025 on 7 March 2025 at Hotel ICON. FCE representatives showcased the Faculty's diverse academic offerings to counsellors from more than 30 overseas high schools, alongside non-JUPAS counsellors from Hong Kong.

During the Panel Discussion, Prof. Andy LEUNG, Associate Head (Partnership) and Associate Professor of the Department of Civil and Environmental Engineering (CEE), represented the Faculty and addressed the counsellors' inquiries regarding admission criteria, professional accreditation, and career prospects of various FCE programmes. In particular, the newly launched Bachelor of Science (Honours) in Architectural Studies garnered significant interest, highlighting its broad appeal to prospective international students. In the Mini Fair that followed, department representatives engaged with the counsellors for in-depth discussions about the unique programmes offered by each department.

This event underscored FCE's commitment to fostering global academic connections and enhancing its international student recruitment efforts.

Counsellor Fly-In Programme to strengthen ties with Chinese Mainland high schools

Committed to attracting talents from different parts of the world, FCE has been actively engaged in the University's various initiatives to promote an in-depth understanding of our dynamic academic and campus life. On 12 December 2024, the Global Engagement Office (GEO) hosted the "Counsellor Fly-In Programme" and welcomed over 30 esteemed high school principals and teachers from the Chinese Mainland to our vibrant campus. Representatives from our four departments were stationed at the FCE consultation counter to interact with counsellors, showcasing the uniqueness of undergraduate programmes and educational opportunities available at FCE, and addressing counsellors' questions.

The event offered an opportunity to deepen our association with the participating high schools from the Chinese Mainland and thus attract their outstanding students to join FCE and contribute to our pursuit of new heights in excellence and innovation.

World Education Fairs

Bulgaria

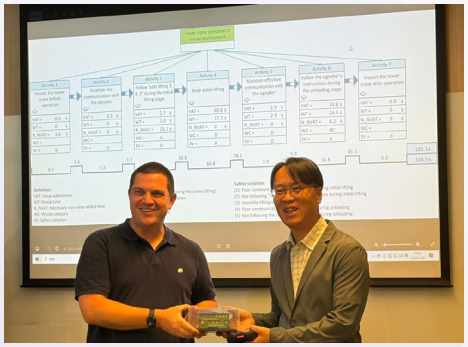
On 22 March 2025, Prof. Charles WONG, Associate Dean (Teaching and Global Engagement) of Faculty, and Prof. Andy LEUNG, Associate Head (Partnership) of the Department of Civil and Environmental Engineering (CEE), represented FCE at the World Education Fair held in Sofia, Bulgaria. FCE, being the sole Asian university at the fair, drew considerable attention from participants who were eager to learn about studying in Hong Kong. With approximately 5,000 participants, the event was a fantastic opportunity to present our extensive array of academic programmes.

Vietnam

On 4 and 5 April 2025, FCE representative Prof. Cynthia HOU, Assistant Professor of the Department of Building Environment and Energy Engineering (BEEE), joined a school visit and participated in the International Education Fair in Hanoi, Vietnam. Prof. Hou engaged with students at both international and public schools during the school visit and addressed the participants' enquiries about FCE's various programme curricula at the fair. The event served to enhance FCE's visibility among high school students in Vietnam.

FCE hosts students from United Arab Emirates as part of initiative to diversify international student body

FCE welcomed a group of high school students from the United Arab Emirates (UAE) on 28 July 2025 as part of the Faculty's ongoing effort to attract a diverse international student body.



Accompanied by staff from the Department of Education and Knowledge in Abu Dhabi, the students were visiting universities in Hong Kong to explore academic opportunities. During their time at FCE, Prof. Charles WONG, Associate Dean (Teaching and Global Engagement) of Faculty, introduced them to the undergraduate programmes offered by FCE. The visitors then participated in a laboratory demonstration session, gaining first-hand experience of FCE's learning environment.

FCE has been striving to expand its international student community to achieve a diverse academic atmosphere.

FCE enhances visibility among Malaysian high school students through recruitment trip

From 31 July to 2 August 2025, FCE participated in a recruitment trip to Malaysia, coordinated by the Global Engagement Office (GEO). The itinerary included visits to high schools in Kuala Lumpur and Klang. Prof. Tanya TAN, Assistant Professor of the Department of Building and Real Estate (BRE), represented FCE and engaged with participants by introducing the Faculty's academic programmes and curricula, while addressing prospective students' enquiries in detail. This event successfully enhanced FCE's visibility among over 400 participating Malaysian high school students, inspiring them to consider PolyU and FCE as their preferred choice for higher education. The trip also underscored FCE's commitment to fostering international student engagement.

FCE receives delegation from Nanjing University to strengthen collaborative ties

On 25 June 2025, FCE welcomed a delegation of undergraduate students from the School of Earth Sciences and Engineering of Nanjing University, aiming to strengthen the collaborative ties between the two institutions. The visit featured an engaging campus tour and laboratory visits across the four FCE departments. Prof. Charles WONG, Associate Dean (Teaching and Global Engagement) of Faculty, provided the students with an insightful overview of FCE, highlighting the diverse postgraduate programmes available. The visit not only showcased FCE's commitment to delivering high-quality and innovative education but also laid the groundwork for developing formal collaboration agreements, further enhancing the partnership and fostering new opportunities for academic exchange.

BRE connects with Royal Institution of Surveyors Malaysia Sarawak Branch to explore collaboration opportunities

The Department of Building and Real Estate (BRE) received a delegation from the Royal Institution of Surveyors Malaysia Sarawak Branch (RISM Sarawak) on 5 December 2024 to explore potential collaborations and strengthen the connections between the two institutions.

During the visit, BRE took the opportunity to showcase its diverse range of academic programmes. Following the presentation, a comprehensive discussion was held, focusing on several key areas: the differences in admissions and study patterns between Malaysia and Hong Kong, the various divisions within the surveying profession, and the requirements for becoming registered professional surveyors.

This visit provided BRE with valuable insights into the educational landscape and the surveying industry in Malaysia, enabling the department to better prepare its students for successful surveying careers at home and abroad.

Alumni News

FCE engages with alumni and industry to drive technical innovation in construction

On 2 May 2025, FCE held a meeting with alumni and industry partners with the theme “Technical Advancement in the Construction Industry” to cultivate opportunities that propel innovation within the construction sector and support the Faculty’s ongoing development.

Prominent alumni and stakeholders from the construction profession were invited to exchange with FCE academics, including Ir Eric MA, President of The Hong Kong Institution of Engineers (HKIE), Ir Kwok-fai YAU and Ir Dickson LO from Able Engineering Holdings Limited, as well as Ir Thomas TONG and Mr Ocean WANG from Asia Infrastructure Solutions. The meeting centred around cutting-edge research related to Modular Integrated Construction (MiC). FCE academics showcased their pioneering research and shared valuable insights into MiC-related innovations and technologies.

Prof. Xiang-dong LI, Dean of Faculty, emphasised the significance of such exchanges, noting FCE’s potential to address technical challenges in the Greater Bay Area (GBA) and beyond through its wide alumni network and steadfast bond with the industry. He further expressed FCE’s commitment to organising regular interactions with alumni and industry partners to explore additional avenues for knowledge transfer and collaboration.

The meeting underscored FCE’s dedication to fostering collaboration and driving advancements that would shape the future of construction, both locally and globally.

Outstanding Alumni Award of PolyU Faculty of Construction and Environment 2025

Four distinguished awardees were honoured with the Outstanding Alumni Award of PolyU FCE 2025 for their remarkable professional and scholarly achievements, as well as their unwavering support for their alma mater and impactful contributions to the community. These role models reflect FCE's high-quality education and would inspire the FCE community to strive for excellence in their respective fields while making meaningful contributions to society.

Outstanding Alumni Award in Professional Achievement

Ir CHENG Wai Lung, Brian

Master of Science in Construction and Real Estate
The Hong Kong Polytechnic University (2002)

Bachelor of Engineering in Building Services Engineering
The Hong Kong Polytechnic University (1995)

Ir Cheng is the Executive Director and Managing Director of Analogue Holdings Limited, a leading building services engineering group with operations spanning Hong Kong, the Chinese Mainland, Macao, UK, and USA. Under Ir Cheng's visionary leadership, the company has pioneered the adoption of MiMEP (Multi-trade Integrated Mechanical, Electrical, and Plumbing) and advanced modular construction practices, setting new industry benchmarks for efficiency, safety, and innovation. He has driven digital transformation through the development of proprietary apps and the integration of robotics and Building Information Modelling (BIM) technologies, earning the company numerous accolades.

Ir Cheng is highly regarded for his active involvement and leadership in prominent professional institutions as well as public and higher education sectors. Through these roles, he has contributed significantly to the advancement of industry standards, professional training, and best practices. His commitment to professional excellence is matched by his dedication to nurturing young engineers, supporting industry standards, and promoting social responsibility through community initiatives and mentorship programmes. His active engagement with PolyU as an advisory committee member and scholarship sponsor has greatly benefited students and strengthened ties between academia and industry.

Outstanding Alumni Award in Professional Achievement

Sr Dr TSUI Siu Lung

Doctor of International Real Estate and Construction
The Hong Kong Polytechnic University (2024)

Bachelor of Science in Building Surveying
Hong Kong Polytechnic (1992)

Dr Tsui is the Executive Director and General Manager of KKP Construction Limited, where he has demonstrated exemplary leadership and a steadfast commitment to professional excellence in the construction and real estate sector. With a distinguished career spanning over 28 years, Dr Tsui has played a pivotal role in advancing industry standards and fostering sustainable development. He is a Registered Professional Surveyor and a Fellow of both The Hong Kong Institute of Surveyors and the Chartered Association of Building Engineers, reflecting his deep expertise and influence within the profession.

Dr Tsui has been instrumental in mentoring the next generation of professionals through his long-standing involvement in mentorship schemes and by providing valuable internship opportunities to students. His dedication to public service is evident in his leadership roles on various government-appointed committees, where he has contributed to youth development, public safety, and urban infrastructure enhancement. Dr Tsui's philanthropic efforts include the establishment of the "James Tsui Outstanding Sports Performance Award" at PolyU, supporting the holistic development of student-athletes. Recognised with a Medal of Honour (2022) and multiple commendations for his contributions to society, Dr Tsui is widely respected as a visionary leader who integrates innovation, social responsibility, and professional integrity in all his endeavours.

Outstanding Young Alumni Award in Scholarly Achievement

Prof. CUI Yifei

Bachelor of Engineering in Civil Engineering
The Hong Kong Polytechnic University (2005)

Prof. Cui is Associate Professor and Vice Head of the Department of Hydraulic Engineering, as well as Director of the Institute of Geotechnical Engineering at Tsinghua University. Renowned for his pioneering research in engineering geology and geotechnical engineering, Prof. Cui has significantly advanced the understanding of landslide initiation by developing innovative models for internal erosion mechanisms. He has also created a novel disaster early warning system that utilises seismic signal analysis to enable large-scale, non-contact monitoring of geological hazards.

In addition, Prof. Cui has established a cross-scale quantification method for predicting soil properties, which has been successfully applied to lunar regolith samples from China's Chang'e lunar missions. His innovative contributions have earned him numerous prestigious awards, such as the Richard Wolters Prize by the International Association for Engineering Geology and the Environment (IAEG), the Outstanding Young Scientist Award by the International Consortium on Geo-disaster Reduction (ICGdR), and inclusion among the World's Top 2% Most-Cited Scientists. He serves as Associate Editor for several top journals and holds various leadership roles in international professional societies.

Prof. Cui is also a dedicated mentor and collaborator, actively supporting academic exchange and research partnerships between Tsinghua University and PolyU.

Outstanding Young Alumni Award in Professional Achievement

Prof. WANG Yuanhao

Doctor of Philosophy
The Hong Kong Polytechnic University (2011)

Prof. Wang is a Professor at the University of Science and Technology Beijing and Distinguished Chair Professor at the Shenzhen Hoffmann Advanced Materials Research Institute. He is a leading expert in micro- and nanomaterials for green buildings, resource recycling, and new energy materials and devices. Renowned for his pioneering research and industrial innovation, Prof. Wang has made significant contributions to the advancement of sustainable construction materials, resource recycling technologies, and energy-efficient solutions.

He has published over 130 academic papers, holds more than 20 Chinese invention patents, and has led numerous national and regional research projects that have had substantial impact on both academia and industry. Prof. Wang's work has driven the development and commercialisation of innovative materials and technologies, resulting in notable economic and environmental benefits. As an active collaborator with PolyU, he continues to promote sustainable development, foster industry-academic partnerships, and inspire the next generation of researchers and engineers through his leadership and dedication to professional excellence.

FCE Dialogue Series

Ir Eagle MO Cheung Ying

Bachelor of Engineering in Building Services Engineering
The Hong Kong Polytechnic University (1997)

Ir Eagle MO is the founder and Managing Director of Telemax Environmental and Energy Management Limited (TEEM). As a trailblazing female entrepreneur, she received the Outstanding Alumni Award of PolyU FCE 2024 in Entrepreneurial Achievement. Following the FCE Outstanding Alumni Talk held on 6 March 2025, Ir Mo shared more of her insights on entrepreneurship and carbon neutrality.

Path to Entrepreneurship

Ir Mo's journey began at the then Department of Building Services Engineering (BSE)*, where she laid the foundation for her future endeavours. "I founded TEEM after gaining valuable experience in the engineering consultancy industry and the tertiary education sector," she shared. Ir Mo's bond with FCE continued to grow after she founded TEEM. Her first project was a collaboration with the then BSE. Today, her company works closely with the Department of Civil and Environmental Engineering (CEE) to establish carbon audit guidelines for the Water Supplies Department and the Highways Department.

Qualities of Successful Entrepreneurs

When asked about the qualities of successful entrepreneurs, Ir Mo attributed entrepreneurial success to resilience, adaptability, and the ability to recognise opportunities. "Successful entrepreneurs distinguish themselves from mere businessmen through technology and innovation, as well as leadership and ethics," she said. She encouraged FCE students to start their own businesses and offered practical advice: "When you start your own business, look for partners who complement your strengths and compensate for your shortcomings. Seek not just funding but also guidance and mentorship from your alma mater and other institutions."

Championing Carbon Neutrality

Highlighting that buildings are responsible for 90% of carbon emissions from electricity generation, Ir Mo pointed out the importance of enhancing energy efficiency in buildings to achieve carbon neutrality. Apart from promoting green buildings, older structures can be retrofitted with energy-efficient technologies such as smart controls and retro-commissioning. Other strategies for achieving carbon neutrality include transitioning traditional power generation to clean or renewable energies, developing sustainable transportation, reducing waste, promoting carbon trading and green finance, encouraging cross-border cooperation, and fostering policy and collaboration. Ir Mo stresses the roles of both individuals and businesses in achieving carbon neutrality. Community engagement and education can raise public awareness about carbon footprints and sustainability.

In closing, Ir Mo's journey and her contributions to carbon neutrality exemplify the power of entrepreneurship to drive positive change. Her dedication to innovation and sustainability serves as an inspiration to all, reinforcing the vital role of FCE alumni in shaping a better world.

** The Department of Building Services Engineering (BSE) was renamed the Department of Building Environment and Energy Engineering (BEEE) in 2021.*

Ir WONG Chi Pan, JP

Bachelor of Engineering in Civil Engineering
The Hong Kong Polytechnic (1989)

Ir Ricky WONG, Head of the Civil Engineering Office at the Civil Engineering and Development Department (CEDD) of the Government of the HKSAR, shared his insights on coastal resilience and climate change in an engaging interview following the FCE Outstanding Alumni Talk on 15 April 2025. A distinguished alumnus of the Department of Civil and Structural Engineering*, graduating in 1989, Ir Wong received the Outstanding Alumni Award of PolyU FCE 2024 in Professional Achievement, underscoring his significant contributions to the field.

A Transformative Journey

In reflecting on his 36-year career, Ir Wong emphasised the importance of every experience, both challenging and rewarding, in shaping his professional journey. “Graduation was not just an end but the beginning of a lifelong adventure,” he remarked. He recounted how his father, a former waterworks inspector, sparked his early interest in engineering through stories of his work in water infrastructure. Although he initially aspired to become a mechanical engineer, Ir Wong ultimately embraced civil engineering, discovering a profound passion for the discipline.

Addressing Coastal Vulnerabilities

Ir Wong provided compelling insights into Hong Kong’s unique coastal geography and its vulnerability to climate-related threats, such as tropical cyclones and rising sea levels. He highlighted the devastating impact of Super Typhoon Mangkhut in 2018, which necessitated significant infrastructure enhancements, including the construction of wave walls to protect vulnerable areas. “Our geographical position makes us vulnerable, and climate change only intensifies these risks,” he noted, stressing the urgent need for effective solutions.

Innovative Strategies for Resilience

Ir Wong discussed the government’s Climate Action Plan 2050, focusing on adaptation strategies that include updating design standards and implementing advanced technologies. He introduced the Climate Change Working Group on Infrastructure, which coordinates efforts across various government departments to bolster resilience against extreme weather events. “We are committed to ensuring our infrastructure can withstand future challenges,” he affirmed, outlining a proactive approach to climate adaptation.

Inspiring the Next Generation

Concluding the interview, Ir Wong encouraged students to embrace their journeys, emphasising that setbacks can lead to unexpected opportunities. He shared how his father’s dedication to his work instilled a sense of pride and passion in him. “Trust your journey, stay curious, and pursue what you love,” he advised, inspiring future engineers to navigate their paths with confidence and determination.

Ir Wong’s dedication to addressing climate challenges and his contributions to sustainable infrastructure exemplify the vital role of FCE alumni in shaping a resilient future for Hong Kong.

** The Department of Civil and Structural Engineering (CSE) was renamed the Department of Civil and Environmental Engineering (CEE) in 2012.*

Ir Dr David KWOK Tai Wai

Doctor of International Real Estate and Construction
The Hong Kong Polytechnic University (2023)

Dr David KWOK, Chief Operating Officer of Wah Tung Holdings Limited (Wah Tung), shared his insights on promoting Environmental, Social, and Governance (ESG) through digitalisation and innovative initiatives in an interview following the FCE Outstanding Alumni Talk held on 12 June 2025. A forward-thinking leader in sustainable construction, Dr Kwok was honoured with the Outstanding Young Alumni Award of PolyU FCE 2024 in Professional Achievement for his contributions in integrating technology with ESG principles.

A Transformative Educational Experience

"Enrolling in the *Doctor of International Real Estate and Construction* programme was a milestone for me; it was my biggest decision in a decade." As the youngest graduate in the first cohort of the programme, Dr Kwok developed a deep bond with FCE and his fellow cohort members. In addition to acquiring professional knowledge that fuels his pioneering spirit, Dr Kwok also built friendships with fellow professionals who share the same vision of revamping the construction industry for a sustainable future.

Pioneering Digital Solutions for ESG

As a young leader in the industry, Dr Kwok's top priorities were navigating a traditional engineering company in the era of artificial intelligence (AI)-driven era and steering the company towards ESG goals. His answer was digitalisation. He collaborated with the Department of Building and Real Estate (BRE) and developed an AI-powered Computer-Aided-Design (CAD) Drawing Recognition technology that facilitates the automation of the design-to-manufacturing workflow for large-scale façade projects. The automation results in significant time and labour cost savings, contributing greatly to ESG goals. An advocate for sustainable construction, Dr Kwok also champions the application of Building-Integrated Photovoltaics (BIPV) and 3D printing in local construction, two new technologies that promote ESG principles in the long term. Leading by example, Dr Kwok practices what he preaches at Wah Tung in four aspects – waste management and recycling, energy and resource management, sustainable innovation, and energy transition, all of which echo ESG principles. He emphasised that aligning operational policies with ESG principles enhances operational efficiency and brings long-term benefits for the company.

A Multifaceted Leader

Apart from being a pioneering professional leader, Dr Kwok also delivered STEM courses at the Technological and Higher Education Institute of Hong Kong (THEi) and the Vocational Training Council (VTC), contributed to research on prefabrication and digital construction at BRE, and ran his own construction technology start-up. When asked about how he balances his multiple roles, Dr Kwok quoted the Chinese proverb "學無止境" *(There is no end to learning)*, emphasising the importance of ongoing self-improvement.

Dr Kwok's pioneering spirit and dedication to ESG-driven digital transformation exemplify how FCE alumni are shaping a smarter, greener future.

Scholarly Activities & Major Events

FCE hosts international forum to chart bold course for architectural education in AI era

FCE is renowned for its leadership in construction and environmental studies. Building upon this strength, the new *Bachelor of Science (Honours) in Architectural Studies* has been launched in the 2025/26 academic year. Hosted by the Department of Building and Real Estate (BRE) and co-hosted by the School of Design (SD), the new programme integrates knowledge and analytical tools, digital skills and transferable skills with design capabilities to meet the evolving needs of the architectural profession.

In anticipation of this significant academic initiative, FCE hosted the landmark event "International Forum on Architectural Education for the AI Era" on 6 June 2025. The forum gathered key stakeholders in architectural education, including international scholars, industry experts, representatives from professional bodies, and government officials, to exchange insights and visions for architectural education in an artificial intelligence (AI)-driven world.

During the one-day forum, the keynote sessions delivered by internationally acclaimed speakers offered unique perspectives on the intersection of architecture and AI. The round-table discussion sessions sparked lively exchanges on how emerging technologies were reshaping design thinking, educational paradigms, and professional practice. In addition to the forum, a private meeting was held on 5 June 2025, during which experts and stakeholders from academia and industry shared their views on the development roadmap of architectural education at PolyU.

FCE extended its sincere gratitude to the keynote speakers, session chairs, panellists, and participants for their visions and perspectives. Their contributions have laid the groundwork for ongoing dialogue and collaboration, ensuring that architectural education provided by FCE would remain at the forefront of innovation in the AI era.

State Key Laboratory of Climate Resilience for Coastal Cities to enhance resilience construction and disaster mitigation for coastal cities

The State Key Laboratory of Climate Resilience for Coastal Cities (SKL-CRCC), jointly established by PolyU as the leading party and The Hong Kong University of Science and Technology (HKUST) as the collaborative party, was formally presented with its plaque at the plaque presentation ceremony held on 25 August 2025.

Co-directed by Prof. Xiang-dong LI, Dean of Faculty, and Prof. Charles NG, Vice-President for Institutional Advancement of HKUST, the SKL-CRCC aims to address the urgent need for foundational, strategic, and forward-looking research on climate change and urban resilience. Its mission is to support the effective implementation of national strategies and regional policies in response to the compound challenges posed by climate change.

Recognising the critical importance of climate resilience, FCE was pleased to serve as one of the supporting units of the inauguration of the SKL-CRCC. The inauguration took place on 4 December 2025 at Hotel ICON. The event was officiated by Prof. Jin-Guang TENG, PolyU President; Prof. Nancy IP, HKUST President; Prof. Wing-tak WONG, PolyU Deputy President and Provost; Prof. Qingrui YUE, Chairman of the Academic Committee of SKL-CRCC; and SKL-CRCC Directors, Prof. Xiang-dong LI and Prof. Charles NG.

A two-day international symposium was held concurrently to commemorate this milestone. Around 30 keynote speakers from leading universities across the globe shared insights on topics ranging from marine heatwaves and earthquakes to urban water management and artificial intelligence (AI) applications. The vibrant academic exchange underscored the laboratory's commitment to fostering international cross-disciplinary innovation, positioning Hong Kong as a global hub for climate resilience research.

Opening Ceremony and Forum of RICRI gathers cross-sector experts to promote infrastructure resilience against climate change

The Otto Poon Research Institute for Climate-Resilient Infrastructure (RICRI), a pioneering strategic research institute focused on global climate change, was officially inaugurated on 2 April 2025 at Hotel ICON under the witness of over 300 participants from PolyU, academia, government departments, and industry.

The establishment of the RICRI was made possible with the staunch support of the Otto Poon Charitable Foundation. Led by Prof. Xiang-dong LI, Dean of Faculty, the institute would collaborate with renowned experts from the Chinese Mainland and departments of the Government of the HKSAR, as well as industry partners to create an interdisciplinary research platform that fosters deep integration across sectors and research for sustainable development in Hong Kong, the Nation and globally.

A Forum co-organised by FCE was held on the same occasion to explore a wide range of topics, including:

- High-fidelity Monitoring and Prediction of Extreme Climate Events in Hong Kong and Surrounding Regions
- Monitoring & Adaptation of Civil Infrastructure Towards Resilience
- Urban Resilience Enhancement for Energy-Building-Transport-Water Sector Synergization (UREBTW) ToolBox
- Nature-Based Solutions for Urban Infrastructure Resilience and Water Disaster Management
- Resilience of Rural Infrastructure and Communities to Climate Change
- Intelligent Platform & Toolbox for Urban Infrastructure Resilience

The establishment of RICRI further strengthened PolyU's research capabilities in climate adaptation and infrastructure resilience, advancing the pursuit of sustainable development.

The opening ceremony was graced by the presence of leaders from the Government of the HKSAR, business and professional sectors.

Prof. Li, Director of RICRI, presented the concluding remarks at the event.

FCE Annual Forum 2025 enhances research proposal writing

To strengthen researchers' capabilities in developing competitive research proposals, the Faculty hosted the FCE Annual Forum on 29 July 2025, which was attended by around 70 participants. Academics from the FCE departments and the Department of Applied Physics (AP) shared their valuable insights and proven strategies for crafting top-notch proposals to secure schemes funded by the Research Grants Council (RGC). The forum cultivated an environment that supported research excellence. The topics covered at the forum are shown below.

Topic	Speaker *Department*
Successful Experience in Writing ECS Proposal	**Prof. Anthony YUEN** *Assistant Professor* *Dept of Building Environment and Energy Engineering*
Successful Experience in Writing GRF Proposal	**Prof. Ling JIN** *Assistant Professor* *Dept of Civil and Environmental Engineering*
RAP's Successful Experience in Writing GRF Proposal	**Dr Min ZHANG** *Research Assistant Professor* *Dept of Land Surveying and Geo-Informatics*
Panel Member's Views and Successful Experience in Writing GRF Proposal	**Prof. Qingyan CHEN** *Chair Professor* *Dept of Building Environment and Energy Engineering*
Successful Experience in Writing Proposal for RGC Collaborative Research Fund (CRF)	**Prof. You DONG** *Associate Professor* *Dept of Civil and Environmental Engineering*
Successful Experience in Writing Proposal for RGC Research Fellow Scheme	**Prof. Jiong ZHAO** *Professor* *Dept of Applied Physics*

Workshop on Strategies for China Grant Applications

FCE has been sparing no effort in equipping its researchers with essential knowledge and skills to successfully secure funding for their research projects. On 8 January 2025, the Workshop on Strategies for China Grant Applications attracted around 70 participants who attended the workshop to share their opinions and questions on applying for major China grants in 2025.

Prof. Meng NI, Associate Dean (Research) of Faculty, gave an overview of the major China research schemes and FCE's performance in recent years as he kick-started the workshop. Prof. Liang AN, Associate Professor of the Department of Mechanical Engineering (ME), Faculty of Engineering (FENG), was invited to share his experiences and insights on serving as a reviewer for screening research applications. Other invited speakers shared their respective successful experiences of writing proposals for some major China grants, empowering participants with strategies to apply for competitive funding and boost the Faculty's research capabilities.

Speaker *Department*	Successful Experience Sharing
Dr Meng-meng WU *Research Assistant Professor* *Dept of Civil and Environmental Engineering*	NSFC Young Scientists Fund
Prof. Neil LI *Associate Professor* *School of Hotel and Tourism Management*	NSFC General Program
Prof. Jun YIN *Assistant Professor* *Dept of Applied Physics*	NSFC Excellent Young Scientists Fund (Hong Kong and Macao)
Prof. Yuwei JIANG *Chair Professor* *Dept of Management and Marketing*	NSFC Distinguished Young Scholars

FCE Distinguished Lectures

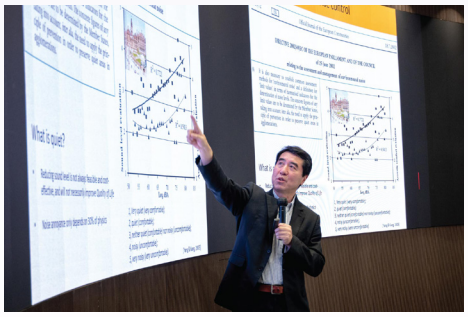
The FCE Distinguished Lecture series is a hallmark initiative of the Faculty, featuring world-renowned academics who share their research findings and expertise with FCE staff, students, alumni, and friends.

At the FCE Distinguished Lecture held on 14 March 2025, **Prof. Hongwu TANG**, Academician of the Chinese Academy of Engineering (CAE) and President of the South China University of Technology (SCUT), delivered a lecture titled "**Urban River Network Water Security Challenges and Systematic Management**". Prof. Tang led the audience through the characteristics and challenges of urban river networks, introduced the new theories and technologies of river network management, illustrated practical cases of urban river network management, and shared his insights on the systematic management of river networks. Before the lecture, Prof. Tang and the delegation from SCUT also visited two laboratories related to marine infrastructure and hydraulics.

At the FCE Distinguished Lecture held on 26 March 2025, **Prof. Jisong WU**, Director-General of the Preparatory Committee of the National Key Laboratory of Wetland Ecological Restoration and Fellow of the Royal Swedish Academy of Engineering Sciences, delivered the lecture titled "**Chinese Wetland Science: Ecological Restoration of Wetlands and Pathways to Carbon Peaking and Neutrality**". Drawing on Prof. Wu's 37 years of experience in wetland scientific research, the audience learnt about the characteristics of Chinese wetland science and the necessity to quantify methane emissions per unit area of wetlands to attain carbon neutrality.

On 5 June 2025, an FCE Distinguished Lecture was delivered by **Prof. Lieyun DING**, Professor of the Huazhong University of Science and Technology (HUST) and Chief Scientist of the National Center of Technology Innovation for Digital Construction (NDC). As a leading authority in the integration of digital construction technologies, Prof. Ding's lecture titled "**Key Technologies of Intelligent Construction**" drew a capacity audience. Prof. Ding shared his insights into model-defined engineering products, intelligent sensing and interconnection of elements, intelligent equipment and construction robotics, and engineering services platforms. He illustrated the practical applications of these technologies through real-world cases. The lecture concluded with an engaging Q&A session during which the participants exchanged thought-provoking perspectives with Prof. Ding. Prof. Jin-Guang TENG, PolyU President, presented a souvenir to Prof. Ding as a gesture of appreciation.

On 11 July 2025, FCE and the Department of Food Science and Nutrition (FSN) co-organised a Distinguished Lecture titled "**AMR: Beyond the Bugs**", delivered by **Prof. Timothy WALSH**, Professor of Medical Microbiology and Antimicrobial Resistance from the University of Oxford. Prof. Walsh reviewed the growing threat of antimicrobial resistance (AMR) and the lack of global emphasis and resources in addressing the threat. He discussed the potential solutions and highlighted China's potential leadership role in tackling this global health crisis.



Another FCE Distinguished Lecture, "**Soundscape: from Noise Control Engineering to Perceived Built Environment**", was held on 23 July 2025. **Prof. Jian KANG**, Professor of Acoustics and Soundscape from the University College London, reviewed the progress made in soundscape research over the past five decades. He discussed the current developments and practical needs in soundscape, and explored the future challenges in light of industrial and climate changes.

These lectures by top-notch academics broadened FCE members' perspectives on pressing global issues and set the stage for future scholarly exchange and collaboration.

FCE Chair Professor Distinguished Lectures

At the FCE Chair Professor Distinguished Lecture held on 27 March 2025, **Prof. Wu CHEN**, Chair Professor of Satellite Navigation of the Department of Land Surveying and Geo- Informatics (LSGI), presented the lecture "**Resilient and Seamless Urban PNT Infrastructure**". Prof. Chen reviewed the development of the Global Navigation Satellite System (GNSS) over the last four decades, addressed the challenges of providing resilient and seamless Positioning, Navigation, and Timing (PNT) capabilities, and presented preliminary studies for Hong Kong's robust ubiquitous positioning platform.

At the **FCE Chair Professor Distinguished Lecture** held on 22 April 2025, **Prof. Meng NI**, Chair Professor of Energy Science and Technology of the Department of Building and Real Estate (BRE), presented the lecture "**Reversible Solid Oxide Cells for a Sustainable Future – from Materials to Engineering Designs**". Prof. Ni introduced reversible solid oxide cells which are capable of working as solid oxide fuel cells for clean power generation and as solid oxide electrolysis cells for green hydrogen production. He illustrated the research progress and future development of new materials, new strategies, and new engineering designs for reversible solid oxide cells developed by his team. The research by Prof. Ni and his team greatly enhanced the performance and durability of reversible solid oxide cells, contributing to sustainable development.

31st Congregation of FCE

Congratulations to the over 1,500 FCE graduates of 2025!

This year, four separate FCE sessions of the 31st Congregation were held on 19 and 20 November 2025 at the Jockey Club Auditorium on the PolyU campus. Presiding over the ceremonies, Prof. Xiang-dong LI, Dean of Faculty, urged graduates to embrace vision, innovation, and resilience as they chart new horizons in this transformative era. He inspired the class of 2025 to embody the PolyU motto and lead lives of purpose and fulfilment, while nurturing a sense of responsibility towards Hong Kong, the Nation, and the world.

Each of the four departments invited a guest of honour to share insights from the respective professional fields, express confidence in the capabilities of the FCE graduates, and convey positive expectations for their future contributions. These respected leaders offered words of encouragement, guidance, and wisdom, motivating graduates to strive for excellence and to make meaningful contributions after graduation.

Departmental Session	Guest of Honour
Dept of Building Environment and Energy Engineering	**Mr Terence LAM, JP** *Principal Assistant Secretary (Works) 5* *Development Bureau, the Government of the HKSAR*
Dept of Building and Real Estate	**Ar. Prof. Donald CHOI, BBS, JP** *Managing Director* *Urban Renewal Authority*
Dept of Civil and Environmental Engineering	**Ir Ricky LAU, JP** *Permanent Secretary for Development (Works)* *Development Bureau, the Government of the HKSAR*
Dept of Land Surveying and Geo-Informatics	**Mr Yue Chun CHAN** *Head of Spatial Data Office* *Development Bureau, the Government of the HKSAR*

Supporting FCE

FCE Smart and Resilient Visionaries Network (FCE Network)

The FCE Smart and Resilient Visionaries Network (FCE Network) is a vibrant hub for community engagement and collaboration, connecting current FCE students, alumni, industrial partners, academic partners, and other interested parties. This Network is dedicated to creating a supportive environment that nurtures connections, enhances learning experiences, and cultivates a strong community committed to innovation and excellence in construction and the environment.

By fostering collaboration among members, the FCE Network empowers individuals to become leaders and visionaries in their respective fields, contributing to the development of smart and resilient communities. The Faculty organises and supports a diverse range of programmes aimed at enhancing engagement and participation, including the FCE Ambassadors (comprising recipients of FCE scholarships and awards), the Mentorship Programme, the Quarterly Alumni Dialogue Series, and many others.

To actively participate in FCE-organised events or to apply for scholarships offered by the Faculty, we invite you to become a member of the FCE Network. Membership is open to all and free of charge. All members will receive regular updates and enjoy priority registration for all FCE events (except for the Congregation). Join us in shaping a collaborative future!

FCE Network

Support the FCE Fund

The FCE Fund plays a supportive role in sustaining the continuous advancement of our Faculty's education and research. Our tiered recognition programme encourages ongoing generosity and involvement, acknowledging the contributions of our donors with meaningful tokens of appreciation. This initiative strengthens connections within our community and fosters a more engaged and supportive FCE environment.

We warmly invite our esteemed alumni and friends to support the Faculty through the FCE Fund. Your contributions are vital to the Faculty's future development and are sincerely appreciated.

Recognition Tiers:

Bronze (HK$500-$4,999)	FCE-branded thank-you gift (limited edition)
Silver (HK$5,000-$49,999)	All Bronze benefits & a personalised thank-you letter from the Dean
Gold (HK$50,000-$99,999)	All Silver benefits & a post on the Faculty's social media platforms
Diamond (HK$100,000 or above)	All Gold benefits & recognition in the Faculty e-newsletter

FCE Fund – Give Now!

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