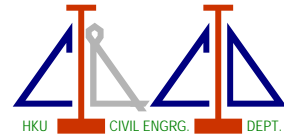




Department of Civil Engineering
The University of Hong Kong



Centre for Innovation in Construction and
Infrastructure Development

SEMINAR

Jointly organised by
Department of Civil Engineering and CICID, HKU

Retrofitting Public Buildings for Energy and Water Efficiency

By Patrick Zou, PhD
Professor of Construction Engineering and Management
Swinburne University of Technology

Date: Thursday 25 May 2017

Time: 5 pm – 6 pm

Venue: Room 6-12B, Haking Wong Building, The University of Hong Kong

ABSTRACT

This presentation will discuss the importance and methods of retrofitting existing building stocks for improving energy and water efficiency. The presentation will address the problem from policy, financing, guidelines, procurement methods, contract and risk management perspective. The research outcomes will also be presented and discussed, together with future research directions.

ABOUT THE SPEAKER

Dr Patrick X.W. Zou is Professor and Program Leader of Construction Engineering and Management at Swinburne University of Technology. Prior to this appointment, Dr Zou was Professor and Chair of Building and Construction Management Program at University of Canberra (2011-2014) and Associate Professor and Director of Construction Management and Property Program at The University of New South Wales (2000 – 2011), where he had successfully held a number of leadership roles including Director of FBE HDR Students and Director of Construction Project Management Master Program. With a PhD in Civil Engineering from The University of New South Wales (UNSW, 1999), Professor Zou's research, teaching and consultancy covers broad field of construction engineering and management, with specific focuses on *risk management, safety management, sustainable building and construction systems, construction technology and automation and building information modelling*. Professor Zou has successfully led, undertaken and completed numerous research and consulting projects funded by Australia Research Council (ARC), National Natural Science Foundation of China, government departments/agencies and leading construction and consultant firms.

Professor Zou has published 4 books, 4 book chapters, 4 government reports and over 200 peer-reviewed journal articles and conference papers, with over 1700 citations. He has won 11 major awards, nationally and internationally. Professor Zou has provided over 50 invited guest lectures and conference keynote speeches. Professor Zou is also passionate about excellence in education. His effort and dedication to teaching and learning has led to his winning of four major awards in educational excellence including The UNSW Vice-Chancellor's Award for Teaching Excellence in 2007.

Currently, within the ARC Hub IH150006, Prof Zou is leading a major research project entitled "*Closing the Energy Gaps between Designed and Reality of Retrofitted Buildings*", which are supported, in cash and in-kind, by the Australian Research Council (ARC), Sustainable Built Environment National Research Centre (SBEnc), WA Department of Finance, QLD Department of Housing and Public Works and Aurecon. Another major research project Prof Patrick Zou currently leading is "retrofitting public buildings for energy and water efficiency" which is collaborative project with Griffith and Curtin universities and SBEnc.

- ALL ARE WELCOME -

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