

## LOW SUI PHENG (Dr)

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*DSc (Civil Engineering) Birmingham, PhD UCL, MSc (Eng) Birmingham, BSc (Building) (Hons) NUS, Diploma in Building (Merit) Singapore Polytechnic, FCIOB Chartered Construction Manager*



### **Professor**

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### **ACADEMIC & PROFESSIONAL QUALIFICATIONS:**

- DSc (Civil Engineering) (Higher Doctorate) (2012), University of Birmingham
- FCIOB Chartered Construction Manager (1998) Chartered Institute of Building
- PhD (1990), Bartlett School of Architecture, University College London (UCL)
- MSc (Eng) (1987), School of Civil Engineering, University of Birmingham
- BSc (Building) (Hons) (1985), National University of Singapore

### **EMPLOYMENT RECORD:**

- Professor (1 Jan 2004 – Present), Associate Professor (1999-2003), Senior Lecturer (1994-98), Lecturer (1991-93), Senior Tutor (1985-90) NUS

### **ADMINISTRATIVE LEADERSHIP:**

- Director, Centre for Project Management & Construction Law, NUS, 2013 – 2017
- Head, Department of Building, NUS, 4<sup>th</sup> Quarter 2007
- Vice Dean (Academic, Research, Administration & Finance), SDE, NUS, 1999-2006
- Program Director, BSc(Building) program, 1995-99
- Other university appointments: Chair of FPTC, Board of Student Discipline, Disciplinary Appeals Board, NRF University Innovation Fund Working Committee, University Committee on Educational Policy, Board of Undergraduate Studies, National Education Committee, NUS Overseas Colleges Steering Committee, Board of Graduate Studies, University Research Committee, various years

### **PROFESSIONAL/CONSULTING ACTIVITIES:**

- Program External Examiner: Singapore Polytechnic, Ngee Ann Polytechnic, UNISIM/SUSS, University of Malaya, International University of Malaya-Wales, UiTM, UTAR, various years
- External Assessor: Research Grants Council (HK), University Grants Committee (HK), Research Office (CUHK), National Natural Science Foundation (China), National Research Foundation (South Africa), High Impact Research Unit (UM), Research Unit (KFUPM, Saudi Arabia), Australian Research Council, various years

- PhD External Examiner: Sydney, UM, UiTM, QUT, USM, SCU, UTM, HKPU, NTU, UKM, UNiSA, UNSW, UTS, Curtin, NMMU, UPM, UTAR, IUMW, UTHM, UPSI, USQ, University of Hong Kong, various years
- External Academic Reviewer: Southern Alberta Institute of Technology, Northern Alberta Institute of Technology, Saskatchewan Polytechnic, Canada, various years
- Others: Subject Matter Expert (Productivity), CIDB (Malaysia) (2021-2022); Member of Advisory Committees, Singapore Polytechnic (2006 – 2021); BCA Academy (2011 - 2019); Member, Valuation Review Board, Ministry of Finance, 2006-12; Singapore Representative, Chartered Institute of Building, 1992-97
- Consultant to various institutions, associations, companies and governments, various years

#### **UNDERGRADUATE TEACHING:**

- PF2502 Development Technology and Management
- PF2203 Quality and Productivity Management
- PF1101 Fundamentals of Project Management (current – common course for all NUS CDE students)

#### **GRADUATE TEACHING:**

- PM5101 Project Management

#### **RESEARCH INTERESTS:**

- Construction Quality and Productivity
- International Construction and Project Management
- Editorial Boards: IJCM, IJPPM, JCHRM, RICS Research Papers Series, ICE MPL Proceedings, etc. various years

#### **SELECTED RECENT PUBLICATIONS:**

- Low S P, S Gao and M M Mohdari (2016) Marketing importance and marketing performance measurement of architecture firms in Singapore: an exploratory study, *Construction Management and Economics*, 34(7/8):1-12.
- Low S P (2017) Cases of project failure, project success and lean project management in Singapore, In *Proceedings of the International Conference on Construction Project Delivery Methods and Quality Ensuring Systems*, S Furusaka et al. (eds), Ritsumeikan University and Kyoto University, 17-18 November 2017, pp1-11 (invited paper).
- Deng X P, S P Low, X B Zhao and T Y Chang (2018) Identifying micro variables contributing to political risks in international construction projects, *Engineering, Construction and Architectural Management*, 25(3):317-334.
- Low S P (2018) *Project Management for the Built Environment*. Study Notes, Springer.
- Low S P and S H Lau (2019) *Construction Quality and the Economy*, Springer.
- Ong J and S P Low (2021) *Waste Reduction in Precast Construction*, Springer.

#### **AWARDS:**

- Best Paper Awards: Outstanding Paper Award (Emerald) 2022; Best Paper Award (19-ICIT) 2015; Excellent Paper Award (CRIOCM) 2014; Innovative Paper Award (ICBMS, with Deng XP) 2011; Innovative Paper Award (ICBMS, with Supriadi L) 2011; Best Paper Award (ICPFM) 2011; Best Paper Award (CIB) 2003; Best Paper Award (5-ICIT) 2000; Best Paper Award (RISM) 1999 and 2000; Most Outstanding Paper Award (Literati) 1998.
- Teaching Excellence Awards: NUS Honor Roll 2020-2025; NUS Annual Teaching Excellence Awards 2004/05, 2016/17, 2017/18, 2018/19; SDE Honor Roll 2020-2025; SDE Teaching Excellence Awards 2002/03, 2003/04, 2007/08, 2015/16, 2016/17, 2017/18, 2018/19; NUS Excellent Teacher 2001/02, 2002/03.

- Others: Outstanding Project Manager Award (Society of Project Managers, 2021), Ministry of National Development (MND) Medallion for Distinguished Service 2019; Outstanding Reviewer Award (Elsevier) 2015, 2018; Outstanding Alumni Service to Singapore Polytechnic Award 2014; Honorary Fellowship (SIET) 2013; Outstanding Reviewer Award (Emerald) 2013; Donald S Barrie Award (PMI, with Faisal M Arain) 2005; Sir Christopher Cox Memorial Award (New College, University of Oxford) 1989; High Point Rendell Group Prize in Construction Management (University of Birmingham) 1988; SICC City Commemoration Prize 1981; SMA Gold Medal 1980; CIOB Book Prize, Chartered Institute of Building 1980.
- Scholarships: NUS Overseas Graduate Scholarship 1987-90; ODASS UK Scholarship (British Council) 1986; Datuk Wee Kheng Chiang (UOB) Memorial Scholarship NUS 1984; SCCC Foundation Scholarships 1978, 1982, 1983