

**EDUCATION**

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- 1983 BA (1<sup>st</sup> Class Hons), Department of Architecture and Environmental Design, Nottingham University, UK.  
 1986 BArch (Distinction in Design and in Dissertation), School of Architecture, Manchester University, UK.  
 1991 PhD, Department of Architecture, Trinity College - Cambridge University, UK.  
 2002 MBA (Distinction), Warwick Business School, Warwick University, UK.

**EXPERIENCES**

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- 1988 - 1991 Design Architect, Yakeley Associate Architects, Cambridge  
 1991 - 1994 Lecturer, School of Architectural Studies, Sheffield University  
 1994 - 1995 Visiting Scholar, Department of Architecture, MIT  
 1995 - 1999 Lecturer & Senior Lecturer, School of Architecture, National University of Singapore  
 1999 - 2002 Associate Professor, Dept of Architecture, Chinese University of Hong Kong  
 2002 - 2011 Professor, Dept of Architecture, Chinese University of Hong Kong  
 2014- Yao Ling Sun Endowed Professor in Architecture, School of Architecture, CUHK

**Selected PROFESSIONAL MEMBERSHIPS**

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- 1999- Member, Illuminating Engineering Society of North America (IESNA), USA  
 2000- Member, Society of Light and Lighting (MSLL), CIBSE, UK  
 2005- Member, Hong Kong Institute of Architects (HKIA), Hong Kong  
 2003- Fellow, Royal Society of Arts (FRSA), UK  
 1988- Chartered Architect, Royal Institute of British Architects (RIBA), UK

**Selected research AWARDS**

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- 2007 Runner up, RIBA Research Awards 2007 – Outstanding University Project Category.
  - 2006 HKIA Journal 2005 Best Paper Award, Hong Kong Institute of Architects Journal, Hong Kong
  - 2006 PLEA Best Paper Award, Passive Low Energy Architecture International Conference, Geneva
  - 2006 Grand Award – Research and Planning Studies, Professional Green Building Council (PGBC) Awards.
  - 2004 Excellent Academic Paper Award, China Society of Academic Research and Publication, Beijing, China.
  - 2004 Best Co-Authored Paper Award, American Solar Energy Society

**Selected honorary academic APPOINTMENTS**

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- Honorary Scientific Advisor, Hong Kong Observatory
  - Editorial Board Member, International Journal of Architectural Science Review, Australia
  - Editorial Board Member, Journal of Tropical Architecture, SCUT, China.
  - Editorial Board Member, International Journal of Lighting Research and Technology, UK

**Examples of RESEARCH PROJECTS**

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- Predicting CIE Standard General Sky based on meteorological data and assessing daylight performance of buildings for subtropical Hong Kong
  - Using Satellite Images to Predict Sky Types for Better Daylight Design of Buildings in Sub-Tropic South China
  - A User Survey Investigation into the Preferred Solar Access of Residents in High Density City Living – a Study in Hong Kong
  - A Pilot Study using Geo-stationary Satellite Images to Predict Ground Global Illuminance under Sub-tropical Sky Conditions for Better Daylight Design of Buildings
  - Defining Standard Skies for Hong Kong

**Examples of PUBLICATIONS**

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- Ho, J.C.K., Ng, E. and Chan P.W. (2014). Predicting hourly Hong Kong Representative Sky from Typical Meteorological Year data for dynamic daylighting simulation. *Lighting Research and Technology*. 0: 1–10. doi: 10.1177/1477153514545905
  - Lau, K., Ng, E. and He, J., (2013) Preferred Solar Access in High-density Living Environment. *Lighting Research and Technology*, 45:3, 317-330. doi:10.1177/1477153512464218
  - He, J. and Ng, E. (2011). Predicting CIE standard general skies and zenith luminance by cloud index derived from geostationary satellite, *Lighting Research and Technology*, CIBSE, United Kingdom, 2011; 0: pp1–11, doi: 10.1177/1477153511410168.
  - Ng, E., Gadi, A., Jun, M. and Lee, M., Predicting Daylight Availability based on Forecast of a Weather Observatory, *Lighting Research and Technology*, CIBSE, United Kingdom, vol 39, no. 1, 2007, pp.69-77.
  - Ng, E., Cheng, V., Gadi, A., Jun, M. and Lee, M., Defining Standard Skies for Hong Kong, *Building and Environment*, 42, 2007, pp.866-876.