

WILLIE TAN (Dr)

PhD (Urban Planning) Univ of Sydney, MSc(Estate Mgt) NUS, BSc(Land Surveying)(Hons), Univ of Newcastle, Aust



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CURRICULUM VITAE

- BSc (Land Surveying) (First Class Hons & University Medal) (1984), University of Newcastle, Aust
- MSc (Estate Mgt) (1989), National University of Singapore (NUS)
- PhD (Urban Planning) (1992), University of Sydney

EMPLOYMENT

- Senior Tutor (1986 - 1992), Lecturer (1993 – 1995), Senior Lecturer (1996 – 1997), NUS
- Assistant Professor, NUS (1997 - 2000)
- Associate Professor, NUS (2001 - 2013)
- Professor, NUS (2014 – Present)

ADMINISTRATIVE LEADERSHIP

- Head, Department of Building, NUS (2013 – 2019)
- Vice Dean (Academic) School of Design & Environment, NUS (2006 – 2010)
- Member, Board of Undergraduate Studies, NUS (2006 - 2010)
- Member, University Committee for Education Policy (2006 – 2010)
- Member, Faculty Promotion in Educator Track Committee, (2024-6)
- Program Director, MSc (Project Management) (2003 – 2013, 2019-2025)
- Co-Director, Center for Project Management & Construction Law (2005 – 2007)
- Brigade Intelligence Office, Singapore Armed Forces (2004 – 2006)

PROFESSIONAL/CONSULTING ACTIVITIES

- First Rotational Chair, International Project Management Education Union (2004 – 2005)
- Chair, Site Visit Panels to various universities in Pacific Asia for PMI's Global Accreditation Center
- Chair, HK Council for Accreditation of Academic and Vocational Qualifications, various years
- Chief Judge, Building and Environment Industry Asia Awards (2015 – 2019)
- Expert Witness, High Court of Singapore (2016)
- Consultant, various corporations and governments in Asia & Middle East
- External examiner, various programs at University of Hong Kong, University Science Malaysia, Singapore University of Social Sciences, etc
- Member, Compensation Board, Land Transport Authority, 2023-6

- Member, Project Management Advisory Panel, Housing and Development Board

UNDERGRADUATE TEACHING

- PF4305 Green Development
- PF4209 Construction Business Enterprise

GRADUATE TEACHING

- PM 5105 Development Finance
- PM 5112 Research Methods
- PM 5117 Urban Management

RESEARCH INTERESTS

- Geomatic engineering, Project finance, Project management, Urban management
- Editor, *Journal of Spatial Science; World Scientific Series on the Built Environment*
- Editorial Boards: *Various*

SELECTED PUBLICATIONS

- Tan, W. (2025) *Urban management*. World Scientific Publishing.
- Shankar, R. and Tan, W. (2025) Strategic stakeholder management in PPPs: Lessons from India's toll road asset monetization programme. *Engineering, Construction, and Architectural Mgt*, 13 June.
- Shankar, R. and Tan, W. (2024) Bid Variability in Public-Private Partnerships: Lessons from Asset Monetization through the Toll-Operate-Transfer Model in India. *J Construction Eng and Mgt*, **150**(12)
- Tan, W. (2024) Country overview, in Clegg, S. et al (Eds) *Infrastructure Development: A Critical international perspective on value in PPPs*. Edward Elgar.
- Tan, W. (2024) *Managing infrastructure projects*. World Scientific Publishing.
- Tan, W. and Tiong, R. (2023) Managing sustainable megaprojects along China's New Silk Roads. *Sustainability*, **15**, 4042.
- Yeung, C. and Tan, W. (2022) Forecasting airport pavement repair hours. *Journal of Air Transport Management*, **105**, 102283.
- Zhang, Y. and Tan, W. (2022) A case study of Singapore's hawker centers as an inclusive mechanism. In Ahmed, V. et al. (Eds), *Validity and reliability in built environment research*. Routledge.
- Shirowzhan, S., Tan, W. and Sepasgozar, S. (2020) *Spatial big data, BIM and advanced construction for smart transformation*. MDPI.
- Shirowzhan, S. Tan, W. and Sepasgozar, S. (2020) Digital twin and cyberGIS for improving connectivity and measuring the impact of infrastructure construction planning in smart cities. *International Journal of Geo-information*, **9**(4), 1 – 11.

AWARDS

- Public Administration Medal (Bronze), 2019
- NUS Outstanding Educator Award (2013), NUS Honor Roll (2013)
- University of Sydney Postgraduate Research Award (1989 – 1992)
- Singapore Government Overseas Undergraduate Scholarship (1981 – 1984)
- University Medal, University of Newcastle (1984)
- Australian Photogrammetric Society Prize (1984)
- Board of Surveyors NSW Medal (1984)