

# Yongjian Ke

SENIOR LECTURER IN PROJECT MANAGEMENT

School of Built Environment, University of Technology Sydney, Australia

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*“Together, we’ll adapt and embrace a lifetime of learning”*

## Summary

Senior Lecturer in Project Management at the School of Built Environment, University of Technology Sydney in Australia. 15+ years experience in project management research tailored to infrastructure projects. 100+ publications, 4350+ citations, an h-index of 29 on Google Scholar. Certified PPP Professional. Work and study experience in Mainland and Hong Kong China, Singapore and Australia.

## Education

### Tsinghua University

PH.D. IN MANAGEMENT SCIENCE AND ENGINEERING

Beijing, China

Sep. 2005 - Jul. 2010

- Thesis: Equitable Risk Allocation for Public-Private Partnership Projects in China
- Supervisors: Prof ShouQing Wang and Prof Albert Chan (Hong Kong Polytechnic University)
- Outstanding PhD Dissertation Award, Outstanding PhD Graduate Award, several Outstanding Graduate Student Awards

### Tsinghua University

B.S. IN PROJECT MANAGEMENT

Beijing, China

Sep. 2001 - Jul. 2005

- Thesis: Comparison of Financial Evaluation Methods for PPP/BOT Projects

## Employment

### University of Technology Sydney

SENIOR LECTURER IN PROJECT MANAGEMENT

Sydney, Australia

Sep. 2016 - Current

- Short Forms of Learning Coordinator, School of Built Environment, since Feb. 2021
- Program Director of Project Management, School of Built Environment, Jul. 2019 - Dec. 2020
- Associate Program Director of Project Management, School of Built Environment, Jul. 2017 - Jun. 2019
- Member of Curriculum Committee, Faculty of Design Architecture and Building, since Jul. 2019
- Member of Teaching and Learning Quality Committee, Faculty of Design Architecture and Building, since Jul. 2019
- Member of Student Assessment Review Committee, Faculty of Design Architecture and Building, Sep. 2016 - Jun. 2018

### University of Newcastle

LECTURER IN CONSTRUCTION MANAGEMENT

Newcastle, Australia

Jun. 2013 - Aug. 2016

- Member of International and Development Working Group, School of Architecture and Built Environment, Jan. 2015 - Aug. 2016
- Student Academic Conduct Officer, School of Architecture and Built Environment, Jan. 2015 - Aug. 2016

### National University of Singapore

RESEARCH FELLOW

Singapore

Jul. 2010 - May 2013

- Managed an international joint research project funded by Singapore’s Ministry of Education
- Travelled to Beijing, Hong Kong and Sydney to collect data

### Hong Kong Polytechnic University

RESEARCH ASSISTANT

Hong Kong, China

Mar. 2007 - Jun. 2008

- Funded by a Mainland and Hong Kong Joint Supervision Scheme
- Successfully helped supervisors to secure a tier-one joint research grant based on my PhD study

## Research Interests

<b>Project Delivery</b>	Public-Private Partnership, Build-Operate-Transfer, Private Finance Initiative, Alliance, Partnering
<b>Project Management</b>	Risk Management, Procurement Management, Communication Management, Stakeholder Management
<b>Contracting Behaviour</b>	Relational Contracting, Psychological Contracts, Non-routine Organisational Behaviours, Networking governance
<b>Social Sustainability</b>	Social Licence to Operate, Community Acceptance, Public Acceptance, Social Media Use
<b>Infrastructures</b>	Mega-projects, Transportation, Aged Care, Smart Cities, Social Infrastructures

## Certification

2018	<b>Certified PPP Professional (CP<sup>3</sup>P) - Preparation</b> , APMG International / World Bank Group	#0424770101D34G
2017	<b>Certified PPP Professional (CP<sup>3</sup>P) - Foundation</b> , APMG International / World Bank Group	#0236103601E2VG

## Honors & Awards

2020	<b>DAB Awards for Excellence - Publications</b> , University of Technology Sydney	Australia
2020	<b>Outstanding Contribution Award</b> , 7th Infrastructure Research and Innovation Competition	China
2016	<b>Outstanding Contribution in Reviewing</b> , International Journal of Project Management	Elsevier
2015	<b>Best Paper Award</b> , CIB Conference - Going North for Sustainability	London, UK
2015	<b>Outstanding Reviewer Award</b> , Built Environment Project and Asset Management	Emerald
2014	<b>Highly Commended Paper Award</b> , Journal of Financial Management of Property and Construction	Emerald
2014	<b>Outstanding Contribution in Reviewing</b> , Utilities Policy	Elsevier
2010	<b>Highly Commended Award</b> , Emerald/EFMD Outstanding Doctoral Research	Emerald
2010	<b>Outstanding PhD Dissertation Award</b> , GuanKe Foundation of Construction Economics and Management	China
2010	<b>Third Prize</b> , 2nd National Public Private Partnership Paper Competition	China
2010	<b>Outstanding PhD Dissertation Award</b> , Tsinghua University	China
2010	<b>Outstanding PhD Graduate Award</b> , Tsinghua University	China
2010	<b>Pinsent Masons Outstanding Research Award</b> , Tsinghua University	China
2010	<b>Outstanding Young Researcher Award</b> , Tsinghua University	China
2009	<b>National Excellent Paper</b> , Architectural Society of China	China
2009	<b>Outstanding Young Researcher Award</b> , Tsinghua University	China
2009	<b>Outstanding Teaching Assistant Award</b> , Tsinghua University	China
2009	<b>Outstanding Graduate Student Award</b> , Tsinghua University	China
2008	<b>Outstanding Graduate Student Award</b> , Tsinghua University	China
2006	<b>Outstanding Graduate Student Award</b> , Tsinghua University	China

## Grants

2021	<b>UTS:ACRI Research Grants</b> , Australia China Relations Institute	AUD 5,000
2020	<b>General Research Grant</b> , National Social Science Fund of China	CNY 500,000
2020	<b>PGCS Academic Grant</b> , Project Governance and Controls Symposium	AUD 10,000
2020	<b>PMI Sponsored Research Grant</b> , Project Management Institute	USD 50,000
2019	<b>ARBE Research Grant</b> , University of Technology Sydney	AUD 2,500
2019	<b>Western Research Grant</b> , National Social Science Fund of China	CNY 200,000
2019	<b>DAB Research Outputs Support Scheme</b> , University of Technology Sydney	AUD 2,500
2018	<b>General Research Grant</b> , National Social Science Fund of China	CNY 200,000
2017	<b>Learner Experience Design Grant</b> , University of Technology Sydney	AUD 2,000
2017	<b>DAB Research Outputs Support Scheme</b> , University of Technology Sydney	AUD 1,800
2017	<b>Faculty Strategic Pilot Grant</b> , University of Newcastle	AUD 15,500
2016	<b>DAB Conference Travel Grant</b> , University of Technology Sydney	AUD 2,500
2015	<b>CIBER SABE Research Grant</b> , University of Newcastle	AUD 2,500
2015	<b>General Research Grant</b> , National Natural Science Foundation	CNY 600,000
2014	<b>General Research Grant</b> , Beijing Infrastructure Investment Co., LTD	CNY 250,000
2014	<b>Faculty Strategic Pilot Grant</b> , University of Newcastle	AUD 15,000
2014	<b>New Staff Grant</b> , University of Newcastle	AUD 10,000
2014	<b>CIBER SABE Research Grant</b> , University of Newcastle	AUD 5,000
2014	<b>CIBER SABE Travel Grant</b> , University of Newcastle	AUD 2,500
2013	<b>CIBER SABE Travel Grant</b> , University of Newcastle	AUD 2,500
2007	<b>Joint Supervision Scheme</b> , Hong Kong Polytechnic University	HKD 120,000

## Projects

### Teaching Projects

- **Ke, Y.**, Remington, K., *Developing a Group Activity to Enhance Learning of a Difficult Concept and to Prepare Students for the Individual Assignment for 15327*, University of Technology Sydney, Learner Experience Design Grant, 2017, AUD 2,000

## Research Projects

- **Ke, Y.** *Public Perceptions of Chinese Investment in Australian Infrastructure: A Twitter Study*, Australia China Relations Institute, 2021 UTS:ACRI Research Grants scheme, 2021 – 2022, AUD 5,000
- Liu, Y., Xia, B., **Ke, Y.**, Cui, Y. *Social License to Operate of NIMBY Infrastructures: Theoretical Framework, Formative Mechanism and Dynamic Measurement*, National Natural Science Foundation of China, General Research Grant, 2021 - 2024, CNY 500,000
- **Ke, Y.**, Sankaran, S., Mathur, S., Tsang, I. *Social Media Use in Project Management - Multiple Case Studies of Transport Projects*, Project Governance and Controls Symposium, 2020 Academic Grant, 2020 – 2021, AUD 10,000
- Müller, R., **Ke, Y.**, Drouin, N., Zhu, F., Minelgaite, I. *Governance of Inter-organizational Project Networks*, Project Management Institute, PMI Sponsored Research Program Grant, 2020 – 2021, USD 50,000
- **Ke, Y.**, *Using Social Media Data to Evaluate Benefits from Urban Rail Projects in Australia*, University of Technology Sydney, ARBE Research Grant, 2019, AUD 2,500
- Lu, A., He, J., Yu, J., Xiong, H., **Ke, Y.**, et. al., *Big Data Based Multi-Dimensional Collaborative Governance of Competition in Internet Information Services Industry*, National Social Science Fund of China, Western Research Grant, 2019 - 2022, CNY 200,000
- Li, L., He, J., Fu, X., Lu, A., **Ke, Y.**, et. al., *Technology Development for Chinese Enterprises Backward in the Advanced Manufacturing Industry*, National Social Science Fund of China, General Research Grant, 2018 - 2021, CNY 200,000
- Jefferies, M., Davis, P.R., **Ke, Y.**, *Investigating the Psychological Contract in Construction Procurement in order to Validate a Conceptual Model*, University of Newcastle, Faculty Strategic Pilot Grant, 2017, AUD 15,500
- **Ke, Y.**, *Identification of Unethical Behaviours in Public-Private Partnership Projects*, University of Newcastle, CIBER SABE Research Grant, 2015, AUD 2,500
- Xu, Y., Xia, B., **Ke, Y.**, et al., *Developing a Pricing, Optimization and Adjustment Model for Waste Disposal Fee of PPP Waste-to-Energy Projects*, National Natural Science Foundation of China, General Research Grant, 2015 - 2018, CNY 600,000
- **Ke, Y.**, Hao, W., Wang, Y., *Investment of Social Capital in PPP Urban Rail Transportation Projects in China*, Beijing Infrastructure Investment Co., LTD, China, Non-competitive Research Grant, 2014 - 2015, CNY 250,000
- Davis, P.R., Jefferies, M., **Ke, Y.**, *Investigating the Psychological Contract in Construction Procurement in order to Develop a Conceptual Model*, University of Newcastle, Faculty Strategic Pilot Grant, 2014, AUD 15,000
- **Ke, Y.**, *Governing Public Construction Projects through Relational Contracting Principles*, University of Newcastle, New Staff Grant, 2014, AUD 10,000
- **Ke, Y.**, Gajendran, T., *Contextualising the Relationship Behaviour in the Competitive and Non-Competitive Alliances in Australia*, University of Newcastle, CIBER SABE Research Grant, 2014, AUD 5,000
- Ling, F.Y.Y., Teo, A., **Ke, Y.**, Ning, Y., *Boosting Public Sector Construction Project Outcomes by Improving Relational Transactions*, Singapore's Ministry of Education, 2010 - 2013, SGD 295,500
- Wang, S., **Ke, Y.**, et al., *Developing an Equitable Risk Sharing Mechanism for PPP Projects in China*, NSFC/RGC Joint Research Scheme, 2008 - 2010, CNY 300,000
- Chan, A.P.C., Lam, P.T.I., Chan, D.W.M., Cheung, E., **Ke, Y.**, *Application of Public-Private Partnership in Urban Rail-Based Transportation Projects*, Asia Development Bank Technical Assistance Project, 2007 - 2008, USD 500,000
- Wang, S., **Ke, Y.**, et al., *Improved Financial Evaluation Method Incorporating Risk Analysis for PPP/BOT Projects*, National Natural Science Foundation of China, General Research Grant, 2005 - 2007, CNY 150,000
- Wang, S., **Ke, Y.**, et al., *EU-Asia Network of Competence Enhancement on PPPs in Infrastructure Development*, Asia-Link Programme in the Europe Union, 2004 - 2007, EUR 45,000

## Publications

### Books

- **Ke, Y.**, & Ye, J. (2018). *Public-Private Partnerships in Australia*. In T. Wang, B. Yang, C. Wu, Y. Li, **Y. Ke**, & P. Peng (Series Eds.), International Public-Private Partnership Series, Beijing, China: Tsinghua University Press. (Chinese, ISBN: 9787302497394)
- **Ke, Y.**, & Wang, S. Q. (2011). *Concession Project Financing (PPP): Risk Allocation and Management*. Beijing, China: Tsinghua University Press. (Chinese, ISBN: 9787302263371, 5th printing in March 2017)
- Wang, S. Q., & **Ke, Y.** (2008). *Concession Project Financing (BOT/PFI/PPP)*. Beijing, China: Tsinghua University Press. (Chinese, ISBN: 9787302176596, 11th printing in March 2017)

### Edited Books

- Peng, P. (2018). *Public-Private Partnerships in Singapore*. In T. Wang, B. Yang, C. Wu, Y. Li, **Y. Ke**, & P. Peng (Series Eds.), International Public-Private Partnership Series, Beijing, China: Tsinghua University Press. (Chinese, ISBN: 9787302497356)
- Li, Y. & Song, W. (2018). *Public-Private Partnerships in Canada*. In T. Wang, B. Yang, C. Wu, Y. Li, **Y. Ke**, & P. Peng (Series Eds.), International Public-Private Partnership Series, Beijing, China: Tsinghua University Press. (Chinese, ISBN: 9787302491668)
- Song, W., Zhang, C., Tang, X., Wang, K., & Si, H. (2018). *Public-Private Partnerships in Japan*. In T. Wang, B. Yang, C. Wu, Y. Li, **Y. Ke**, & P. Peng (Series Eds.), International Public-Private Partnership Series, Beijing, China: Tsinghua University Press. (Chinese, ISBN: 9787302497387)

### Book Chapters

- Xie, J., Wang, S. Q., Jefferies, M., & **Ke, Y.** (2016). Public-Private Partnerships (PPPs) in China: the Past, Present and Future. In M. Jefferies & S. Rowlinson (Eds.), *New Forms of Procurement: PPP and Relational Contracting in the 21st Century* (pp. 216-234). London, UK: Routledge. (ISBN: 9781138796126)
- **Ke, Y.**, & Wang, S. Q. (2015). Public Private Partnership Development in China. In A. Akintoye, M. Beck, & M. M. Kumaraswamy (Eds.), *Public Private Partnerships: A Global Review* (pp. 74-88). London, UK: Routledge. (ISBN: 9780415728966)
- **Ke, Y.** (2014). Project Financing. In J. Liu (Ed.), *Construction Management Research Fronts and Trends* (pp. 48-68). Beijing, China: China City Press. (Chinese, ISBN: 9787507429336)
- Wang, S. Q., **Ke, Y.**, & Xie, J. (2012). Public-Private Partnership Implementation in China. In G. M. Winch, M. Onishi, & S. Schmidt (Eds.), *Taking Stock of PPP and PFI Around the World* (pp. 29-36). London: Certified Accountants Educational Trust. (ISBN: 9781859084755)

- Wang, S. Q., & **Ke, Y.** (2009). Laibin B Power Project the First State Approved BOT Project in China. In H. W. Alfen (Ed.), *Public Private Partnerships in Infrastructure Development - Case Studies from Asia and Europe* (pp. 101129). Weimar, Germany: Bauhaus-Universitat Weimar. (ISBN: 9783860683828)

## Journal Papers

- Mathur, S., Ninan, J., Vuorinen, L., **Ke, Y.**, & Sankaran, S. (2021). An Exploratory Study of the Use of Social Media to Assess Benefits Realization in Transport Infrastructure Projects. *Project Leadership and Society*, accepted on 07/03/2021.
- Zhang, J., Jin, W., Yang, G., Li, H., **Ke, Y.**, & Philbin, S.P. (2021). Optimizing regional allocation of CO2 emissions considering output under overall efficiency. *Socio-Economic Planning Sciences*, accepted on 03/01/2021.
- Sun, Q., Zhang, S., **Ke, Y.**, & Ma, X. (2021). Comparative Analysis on the PPP Research in Chinese and International Journals: A Bibliometric Perspective. *International Journal of Construction Management*, accepted on 17/12/2020.
- Ge, Y., Cui, C., Zhang, C., **Ke, Y.**, & Liu, Y. (2021). Testing a Social-Psychological Model of Public Acceptance towards Highway Infrastructure Projects: A Case Study from China. *Engineering, Construction and Architectural Management*, accepted on 17/10/2020.
- Mwelu, N., Davis, P., **Ke, Y.**, Watundu, S., & Jefferies, M. (2021). Success Factors for Implementing Uganda's Public Road Construction Projects. *International Journal of Construction Management*, <https://doi.org/10.1080/15623599.2019.1573481>.
- Yuan, J., Li, X., **Ke, Y.**, Xu, W., Xu, Z., & Skibnewski, M. (2020). Developing a Building Information Modeling-based Performance Management System for Public-Private Partnerships. *Engineering, Construction and Architectural Management*, 27(8), 1727-1762.
- Mwelu, N., Davis, P., **Ke, Y.**, & Watundu, S. (2020). Compliance Mediating Role within Road Construction Regulatory Framework. *Journal of Public Procurement*, 20(3), 209-233.
- Cheng, Z., **Ke, Y.**, Yang, Z., Cai, J., & Wang, H. (2020). Diversification or convergence: An international comparison of PPP policy and management between UK, India and China. *Engineering, Construction and Architectural Management*, 27(6), 1315-1335.
- Zhao, X., **Ke, Y.**, Zuo, J., Xiong, W., & Wu, P. (2020). Evaluation of Sustainable Transport Research In 2000-2019. *Journal of Cleaner Production*, 256, 120404.
- Wang, K., **Ke, Y.**, & Sankaran, S. (2019). Public-Private Partnerships in Non-profit Hospitals: Case Study of China. *International Journal of Health Planning and Management*, 34(4), e1862-1898.
- Du, Y., Fang, J., **Ke, Y.**, Philbin, S. P., & Zhang, J. (2019). Developing a Revenue Sharing Method for an Operational Transfer-Operate-Transfer Project. *Sustainability*, 11, 6436.
- Ma, L., Li, J., Jin, R. & **Ke, Y.** (2019). A Holistic Review of Public-Private Partnership Literature Published between 2008 and 2018. *Advances in Civil Engineering*, 2019, 7094653.
- Ke, Y.**, Ling, F. Y. Y., Ning, Y., & Zhang, Z. (2019). Managing Relationships in Large Public Projects: Comparative Study of China and Singapore. *Built Environment Project and Asset Management*, 9(3), 348-363.
- Osei-Kyei, R., Chan, A. P. C., Yu, Y., Chen, C., **Ke, Y.**, & Tijani, B. (2019). Social Responsibility Initiatives for Public-Private Partnership Projects: A Comparative Study between China and Ghana. *Sustainability*, 11, 1338.
- Cheng, Z., Wang, H., Song, J., & **Ke, Y.** (2018). Does Spatial Governance Matter to PPPs? An Exploration of the PPP Spatial Governance Mechanism in China. *Regulation Review*, 14, 102-115. (Chinese)
- Mwelu, N., Davis, P., **Ke, Y.**, & Watundu, S. (2018). Compliance within a Regulatory Framework in Implementing Public Road Construction Projects. *Construction Economics and Building*, 18(4), 1-23.
- Wang, K., & **Ke, Y.** (2018). Problems and Countermeasures of Public Hospital Public-Private Partnership Projects in China. *Chinese Journal of Hospital Administration*, 34(11), 894-899. (Chinese)
- Ke, Y.** (2018). Formation of Optimal Private Involvement in Urban Rail Public Private Partnership Projects in China. *International Journal of Project Organisation and Management*, 10(3), 268-286.
- Wang, K., & **Ke, Y.** (2018). Public-Private Partnerships in the Electric Vehicle Charging Infrastructure in China: An Illustrative Case Study. *Advances in Civil Engineering*, 2018, 9061647.
- Cheng, Z., **Ke, Y.**, & Lin, J. (2018). An Assessment of PPP Fever in China from 2014. *Urban and Local Governance Review*, 1, 18-33. (Chinese)
- Davis, P., Jefferies, M., & **Ke, Y.** (2017). Psychological Contracts: A Framework for Relationships in Construction Procurement. *Journal of Construction Engineering and Management*, 143(8), 04017028.
- Ke, Y.**, Hao, W., Ding, H., & Wang, Y. (2017). Factors Influencing the Private Involvement in Urban Rail Public-Private Partnership Projects in China. *Construction Economics and Building*, 17(1), 90-106.
- Ke, Y.**, Davis, P., & Jefferies, M. (2016). A Conceptual Model of Psychological Contracts in Construction Projects. *Construction Economics and Building*, 16(3), 20-37.
- Cheng, Z., **Ke, Y.**, Lin, J., Yang, Z., & Cai, J. (2016). Spatio-Temporal Dynamics of Public-Private Partnership Projects in China. *International Journal of Project Management*, 34(7), 1242-1251.
- Zhang, S., Chan, A. P. C., Feng, Y., Duan, H., & **Ke, Y.** (2016). Critical Review on PPP Research - A Search from The Chinese And International Journals. *International Journal of Project Management*, 34(4), 597-612.
- Ke, Y.**, Ling, F. Y. Y., & Zou, P. X. W. (2015). Effects of Contract Strategy on Interpersonal Relations and Project Outcomes of Public-Sector Construction Contracts in Australia. *Journal of Management in Engineering*, 31(4), 04014062.
- Hao, W., Ding, H., **Ke, Y.**, & Wang, Y. (2015). Are Relational Contracting Approaches Applicable to Public Projects in China? *Frontiers of Engineering Management*, 1(4), 358-363.
- Chan, A. P. C., Lam, P. T. I., Wen, Y., Ameyaw, E. E., Wang, S. Q., & **Ke, Y.** (2015). Cross-Sectional Analysis of Critical Risk Factors for PPP Water Projects in China. *Journal of Infrastructure Systems*, 21(1), 04014031.
- Wu, M., Tang, W. C., **Ke, Y.**, & Luo, C. M. (2014). An Environmental Study on The Collapse of a Tenement Building In HK. *Advanced Materials Research*, 838-841, 2208-2211.
- Ke, Y.** (2014). Is Public-Private Partnership a Panacea for Infrastructure Development? The Case of Beijing National Stadium. *International Journal of Construction Management*, 14(2), 90-100.
- Ling, F. Y. Y., Ong, S. Y., **Ke, Y.**, Wang, S. Q., & Zou, P. (2014). Drivers and Barriers to Adopting Relational Contracting Practices in Public Projects: Comparative Study of Beijing and Sydney. *International Journal of Project Management*, 32(2), 275-285.
- Ling, F. Y. Y., **Ke, Y.**, Kumaraswamy, M. M., & Wang, S. Q. (2014). Key Relational Contracting Practices Affecting Performance of Public Construction Projects in China. *Journal of Construction Engineering and Management*, 140(1), 04013034.
- Ke, Y.**, Jefferies, M., Shrestha, A., & Jin, X. (2014). Public Private Partnership in China: Where to From Here. *Organization, Technology & Management in Construction: An international Journal*, 6(3), 1156-1162.

- Sheng, H., Liang, W., Wang, S. Q., & **Ke, Y.** (2013). PPP Project Risk Relationships Based on the Interpretive Structure Model. *Advances in Information Sciences and Service Sciences*, 5(9), 618-627.
- Ling, F. Y. Y., Ning, Y., **Ke, Y.**, & Kumaraswamy, M. M. (2013). Modeling Relational Transaction and Relationship Quality Among Team Members in Public Projects in Hong Kong. *Automation in Construction*, 36, 16-24.
- Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2013). Risk Misallocation in Public-Private Partnership Projects in China. *International Public Management Journal*, 16(3), 438-460.
- Ke, Y.**, Ling, F. Y. Y., & Ning, Y. (2013). Public Construction Project Delivery Process in Singapore, Beijing, Hong Kong and Sydney. *Journal of Financial Management of Property and Construction*, 18(1), 6-25.
- Sheng, H., Wang, S. Q., & **Ke, Y.** (2012). Study of Risk Management of Private Enterprises' Involvement in BOT Projects: A Case Study of a Sludge Treatment Project. *Tumu Gongcheng Xuebao/China Civil Engineering Journal*, 45(1), 142-147. (Chinese)
- Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2012). Risk Management Practice in China's Public-Private Partnership Projects. *Journal of Civil Engineering and Management*, 18(5), 675-684.
- Cheung, E., Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., & **Ke, Y.** (2012). A Comparative Study of Critical Success Factors for Public Private Partnerships (PPP) Between Mainland China and The Hong Kong Special Administrative Region. *Facilities*, 30(13), 647-666.
- Ke, Y.**, Wang, S. Q., Chan, A. P. C., & Cheung, E. (2011). Understanding the Risks in China's PPP Projects: Ranking of Their Probability and Consequence. *Engineering, Construction and Architectural Management*, 18(5), 481-496. (collected in the Emerald Gems - Built Environment and Property Management: A Focus on China and Hong Kong in 2015)
- Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2011). Equitable Risks Allocation of Projects Inside China: Analyses from Delphi Survey Studies. *Chinese Management Studies*, 5(3), 298-310.
- Chan, A. P. C., Yeung, J. F. Y., Yu, C. C. P., Wang, S. Q., & **Ke, Y.** (2011). Empirical Study of Risk Assessment and Allocation of Public-Private Partnership Projects in China. *Journal of Management in Engineering*, 27(3), 136-148.
- Xu, Y., Yeung, J. F. Y., Chan, A. P. C., Chan, D. W. M., Wang, S. Q., & **Ke, Y.** (2010). Developing A Risk Assessment Model for PPP Projects in China-A Fuzzy Synthetic Evaluation Approach. *Automation in Construction*, 19(7), 929-943.
- Ke, Y.**, Wang, S. Q., Chan, A. P. C., & Lam, P. T. I. (2010). Preferred Risk Allocation in China's Public-Private Partnership (PPP) Projects. *International Journal of Project Management*, 28(5), 482-492.
- Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2010). Risk Allocation in Public-Private Partnership Infrastructure Projects: Comparative Study. *Journal of Infrastructure Systems*, 16(4), 343-351.
- Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., Cheung, E., & **Ke, Y.** (2010). Potential Obstacles to Successful Implementation of Public-Private Partnerships in Beijing and the Hong Kong Special Administrative Region. *Journal of Management in Engineering*, 26(1), 30-40.
- Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., Cheung, E., & **Ke, Y.** (2010). Critical Success Factors for PPPs In Infrastructure Developments: Chinese Perspective. *Journal of Construction Engineering and Management*, 136(5), 484-494.
- Qi, X., **Ke, Y.**, & Wang, S. Q. (2009). Analysis of Critical Risk Factors Causing the Failures of China's PPP Projects. *China Soft Science*, (5), 107-113. (Chinese)
- Ke, Y.**, Zhao, X., Wang, Y., & Wang, S. Q. (2009). SWOT Analysis of Domestic Private Enterprises in Developing Infrastructure Projects in China. *Journal of Financial Management of Property and Construction*, 14(2), 152-170.
- Ke, Y.**, Zhao, X., Wang, Y., & Wang, S. Q. (2009). Investment Decision-Making Model for Private Enterprises in Developing Infrastructure Projects. *Project Management Technology*, (2), 9-14. (Chinese)
- Ke, Y.**, Wang, S. Q., & Teng, T. (2009). Risk Management of International Joint Venture. *Overseas Investment and Export Credit*, (2), 36-39. (Chinese)
- Ke, Y.**, Wang, S. Q., Chan, A. P. C., & Cheung, E. (2009). Research Trend of Public-Private Partnership in Construction Journals. *Journal of Construction Engineering and Management*, 135(10), 1076-1086.
- Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2009). Government Incentives for Private Sector Involvement in Infrastructure PPP Projects. *Qinghua Daxue Xuebao/Journal of Tsinghua University*, 49(9), 1480-1483. (Chinese)
- Huang, T., **Ke, Y.**, Li, Z., & Wang, S. Q. (2009). Comparative Analysis on Governments' Administration in PPP Model Between China and Other Countries. *Project Management Technology*, (1), 9-13. (Chinese)
- Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., Cheung, E., & **Ke, Y.** (2009). Drivers for Adopting Public Private Partnerships-Empirical Comparison Between China and Hong Kong Special Administrative Region. *Journal of Construction Engineering and Management*, 135(11), 1115-1124.
- Zhao, X., Wang, Y., **Ke, Y.**, & Wang, S. Q. (2008). Investment Strategies of Private Enterprises in Developing Infrastructure Projects. *Construction Economy*, (7), 58-61. (Chinese)
- Wang, Y., **Ke, Y.**, & Wang, S. Q. (2008). Changes and Trends of Political Risks in China's PPP Projects. *Construction Economy*, (12), 58-61. (Chinese)
- Wang, S. Q., & **Ke, Y.** (2008). Application and Experience Of BOT/PPP In China. *Invest Beijing*, (10), 82-83. (Chinese)
- Ke, Y.**, Zhao, X., Wang, Y., & Wang, S. Q. (2008). SWOT Analysis of Private Enterprises in Developing Infrastructure Projects. *Commercial Research*, (12), 7-10. (Chinese)
- Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2008). Risk Allocation in Infrastructure Public-Private Partnership (PPP) Projects. *Construction Economy*, (4), 31-35. (Chinese)
- Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2008). Revelation of The Channel Tunnel's Failure to Risk Allocation in Public-Private Partnership Projects. *Tumu Gongcheng Xuebao/China Civil Engineering Journal*, 41(12), 97-102. (Chinese)
- Ke, Y.**, & Wang, S. Q. (2008). Application of EPC Model in International Construction Market. *International Project Contracting and Labor Services*, (10), 6-7. (Chinese)
- Ke, Y.**, Liu, X., & Wang, S. Q. (2008). Equitable Financial Evaluation Method for Public-Private Partnership Projects. *Tsinghua Science and Technology*, 13(5), 702-707.
- Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., Cheung, E., & **Ke, Y.** (2008). Comparative Study of Different Financial Modalities in Infrastructure Development in Hong Kong. *Construction Economy*, (10), 89-92. (Chinese)
- Ke, Y.**, Wang, S. Q., & Yao, C. (2007). Research on The Monopolization of Infrastructure Concessionary Projects. *Commercial Research*, (5), 17-19. (Chinese)
- Wang, S. Q., **Ke, Y.**, & Teng, T. (2006). Risk Management of International Construction Joint Venture. *International Project Contracting and Labor Services*, (10), 4-7. (Chinese)
- Ke, Y.**, & Wang, S. Q. (2006). Configuration of Internet-Based Bidding System. *Construction Economy*, (S1), 153-156. (Chinese)
- Ke, Y.**, & Wang, S. Q. (2006). Risk Management Framework Using a Linguistic Variable-Based Belief Network for Construction Projects. *Chinese Journal of Management Science*, 14(S), 211-215.

- Wang, S. Q., **Ke, Y.**, Li, Z., Liu, X., & Liu, S. (2005). Discussion on PPP At the First International Project Finance Workshop. *International Project Contracting and Labor Services*, (6), 54-57. (Chinese)

## Conference Papers

- Devkar, G., Sankaran, S., **Ke, Y.**, Ninan, J., Mathur, S., Tsang, I., & Vuorinen, L. (2021). *Data Analytics to Evaluate Public Value from Megaprojects*. Paper presented at the 6th PMI Research and Academic Virtual Conference 2021, India.
- Ke, Y.**, Cheng, Z., & Liu, L. (2019). *Defining Public-Private Partnership from the Wittgenstein Family-Resemblance Philosophy*. Paper presented at the CIB World Building Congress 2019 - Constructing Smart Cities, Hong Kong, China.
- Zhang, B., Wang, S. Q., **Ke, Y.**, & Feng, K. (2019). *Drivers of Private Sector Participation in PPP: Impact of Contract Characteristics in China*. Paper presented at the CIB World Building Congress 2019 - Constructing Smart Cities, Hong Kong, China.
- Sankaran, S., **Ke, Y.**, Mangioni, V., & Devkar, G. (2019). *Responsible Leadership of Public Private Partnerships (PPP) Adopted in Infrastructure Projects*. Paper presented at the 5th PMI India Research & Academic Conference 2019, IIMK, Kozhikode, India.
- Xu, X., Sankaran, S., **Ke, Y.**, & Liu, J. (2018). *Opportunism Forms of Public-Private Partnership Projects in China: Principal-Agent Relationship Perspective*. Paper presented at the IRNOP 2018, Melbourne, Australia.
- Liu, J., Sankaran, S., **Ke, Y.**, & Xu, X. (2018). *Developing a Value Capture Index for Social Infrastructure Public-Private Partnership Projects*. Paper presented at the IRNOP 2018, Melbourne, Australia.
- Xu, X., Sankaran, S., & **Ke, Y.** (2018). *An Investigation of the Relationship between Opportunism and Innovation during the Build Phase in PPP Projects*. Paper presented at the EURAM 2018, Reykjavik, Iceland.
- Ke, Y.** (2017). *Psychological Contracts in Construction: Two Case Studies*. Paper presented at the 2017 International Conference on Innovative Production and Construction, Perth, Australia.
- Devkar, G., Sankaran, S., & **Ke, Y.** (2017). *Evaluation of PPP projects in Australia and India: An Information Asymmetry Perspective*. Paper presented at the PMI India Research and Academic Conference 2017, IIT Delhi, India.
- Ke, Y.**, Jefferies, M., & Davis, P. (2016). *A Comparison of Public Private Partnership Environment between Australia and China*. Paper presented at the CRIOCM 2016 21st International Conference on Advancement of Construction Management and Real Estate, University of Hong Kong, Hong Kong, China.
- Ling, F. Y. Y., **Ke, Y.**, & Ning, Y. (2015). *Motivating and Hindering Factors to Adopt Relational Norms in Public Projects: A Comparative Study of Australia and Singapore*. Paper presented at the 2015 RICS COBRA AUBEA, Sydney, Australia.
- Ke, Y.**, Gajendran, T., & Davis, P. R. (2015). *Relational Contracting in the Construction Industry: Mapping Practice to Theory*. Paper presented at the 2015 Architectural Engineering Institute Conference, Milwaukee, Wisconsin, USA.
- Jin, X., Zhang, G., **Ke, Y.**, & Xia, B. (2015). *Factors Influencing Transaction Costs in Construction Projects: A Critical Review*. Paper presented at the 2015 20th International Symposium on Advancement of Construction Management and Real Estate (CRIOCM), Hangzhou, Zhejiang, China.
- Jefferies, M., Davis, P. R., & **Ke, Y.** (2015). *An Investigation of Psychological Contracts in Construction Procurement*. Paper presented at the CIB W055, W065, W089, W092, W096, W102, W107, W112, W117, TG72, TG81, TG83 - Going North for Sustainability: Leveraging knowledge and innovation for sustainable construction and development, London, UK.
- Xia, B., Zuo, J., Wu, P., & **Ke, Y.** (2014). *Sustainable Construction Trends in Journal Papers*. Paper presented at the 2014 19th International Symposium on Advancement of Construction Management and Real Estate (CRIOCM), Chongqing, China.
- Ke, Y.**, Hao, W., & Wang, Y. (2014). *A Feasibility Study of the Implementation of Relational Contracting in China's Public Projects*. Paper presented at the 8th China Engineering Management Forum, Beijing, China.
- Jin, X., Zuo, J., Xia, B., & **Ke, Y.** (2014). *A Theoretical Framework for Reducing Tendering Costs in the Procurement of Infrastructure Projects*. Paper presented at the ICEC 2014 - IX World Congress: Re-Engineering Total Cost Management, Milan, Italy.
- Jefferies, M., Rowlinson, S., Kumaraswamy, M. M., & **Ke, Y.** (2014). *Using Public Private Partnerships (PPPs) for the Procurement of Public Hospitals*. Paper presented at the CIB W055, W065, W089, W118, TG76, TG78, TG81 - Construction in a Changing World, Heritance Kandalama, Sri Lanka.
- Ke, Y.**, Ling, F. Y. Y., Wang, S. Q., Zou, P. X. W., Kumaraswamy, M. M., & Ning, Y. (2013). *Relationships Among Contracting Parties and Their Effects on Outcomes of Public Construction Projects in China*. Paper presented at the 2013 Architectural Engineering Institute Conference, State College, PA, USA.
- Ke, Y.**, Ling, F. Y. Y., & Wang, S. Q. (2013). *Effects of Relationships on Public Project Delivery Process in China: A Case Study*. Paper presented at the 38th Australian Universities Building Education Association Conference, Auckland, New Zealand.
- Ke, Y.**, Ling, F. Y. Y., Zou, P. X. W., Wang, S. Q., & Kumaraswamy, M. M. (2012). *Positive and Negative Factors Influencing the Implementation of Relational Contracting in Public Construction Projects in Australia*. Paper presented at the CIB W055, W065, W089, W118, TG76, TG78, TG81, TG84 - Management of Construction: Research to Practice, Montreal, Canada.
- Ling, F. Y. Y., Chua, M. H., & **Ke, Y.** (2011). *Diversity management: managing migrant construction workers on construction sites in Singapore*. Paper presented at the CIB W055, W065, W089, W118, TG76, TG78, TG81 - Management and Innovation for a Sustainable Built Environment, Amsterdam, The Netherlands.
- Ke, Y.**, Ling, F. Y. Y., Kumaraswamy, M. M., Wang, S. Q., Zou, P. X. W., & Ning, Y. (2011). *Are Relational Contracting Principles Applicable to Public Construction Projects?* Paper presented at the 2011 RICS COBRA, Salford, UK.
- Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2011). *Equitable Risk Allocation in Chinese Public-Private Partnership Power Projects*. Paper presented at the 1st International Conference on Sustainable Construction & Risk Management, Chongqing, China.
- Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., Cheung, E., Wen, Y., & **Ke, Y.** (2010). *A Comparative Analysis of Critical Risk Factors for China's PPP Projects*. Paper presented at the 2010 CIB World Building Congress, The Lowry, Salford Quays, UK.
- Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2009). *Risk Allocation and Management of PPP Infrastructure Projects*. Paper presented at the 8th China - International Construction Project Management Summit Meeting, Jinan, China.
- Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2009). *Public-Private Partnerships in China's Infrastructure Development: Lessons Learnt*. Paper presented at the CIB W096, W104, TG53 - Changing roles: new roles, new challenges, Noordwijk aan Zee, The Netherlands.
- Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., Cheung, E., & **Ke, Y.** (2009). *Privileges and Attractions for Private Sector Involvement in PPP Projects - A Comparison between China and the Hong Kong Special Administrative Region*. Paper presented at the Fifth International Structural Engineering and Construction Conference, Las Vegas, Nevada, USA.
- Wang, S. Q., & **Ke, Y.** (2008). *Risk Management of Infrastructure Projects in China with Case Study of the National Stadium*. Paper presented at the Inaugural Conference on Construction Law and Economics Circle in Asia and Pacific, Kyoto, Japan.
- Ke, Y.**, Wang, S. Q., Chan, A. P. C., & Li, Z. (2008). *Changes of Political Risks in China's PPP Projects*. Paper presented at the 6th National Civil Engineering Forum for Graduate Students, Beijing, China.



- Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., Cheung, E., & **Ke, Y.** (2008). *Measures that Enhance the Achievement of Value-for-Money in PPP projects*. Paper presented at the CIB W092, W107, TG63 - Building abroad: procurement of construction and reconstruction projects in the international context, Montreal, Canada.
- **Ke, Y.**, Wang, S. Q., & Chan, A. P. C. (2007). *Developing a Quantitative Risk Allocation Mechanism for Public-Private Partnership (PPP) Projects in the PRC: A Research Framework*. Paper presented at the 2007 International Conference on Concession Public/Infrastructural Projects, Dalian, China.

## Thesis

- **Ke, Y.** (2010). *Equitable Risk Allocation for Public-Private Partnership Projects in China*. (PhD), Tsinghua University, Beijing, China.
- **Ke, Y.** (2005). *Comparison of Financial Evaluation Methods for PPP/BOT Projects*. (Bachelor), Tsinghua University, Beijing, China.

## Monographs/Working Papers

- **Ke, Y.**, Zhang, L., & Zhou, B. (2018). *A Cross-Country Comparison of Public-Private Partnerships Environment and Applications*. Shanghai, China: Jumbo Consulting. (Chinese)
- **Ke, Y.** (2018). What is a True Public-Private Partnership Project? *Reference for PPP Decision Making*, 26, 19. (Chinese)
- **Ke, Y.** (2018). Public-Private Partnerships in Australia: Regulatory Framework. *Reference for PPP Decision Making*, (310), 921. (Chinese)
- **Ke, Y.** (2018). Public-Private Partnerships in Australia: History and Application. *Reference for PPP Decision Making*, (310), 18. (Chinese)
- Bannister, P., & **Ke, Y.** (2017). A Review of Public-Private Partnership (PPP) Projects in NSW Australia: Are PPPs Really Value for Money? *Reference for PPP Decision Making*, 52, 19. (Chinese)
- Ling, F. Y. Y., Teo, A., **Ke, Y.**, & Ning, Y. (2013). *Boosting Public Construction Project Outcomes through Relational Transactions*. Singapore: National University of Singapore.
- Wang, S. Q., & **Ke, Y.** (2009). Reasons and Revelation of Taiwan High Speed Rail's Failure. *Jumbo Newsletter*, (11), 1011. (Chinese)
- **Ke, Y.**, & Wang, S. Q. (2009). Current Implementation of Risk Management in China's PPP Projects. *Jumbo Newsletter*, (4), 1822. (Chinese)

## Research Impact

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### Overall Citations

- Google Scholar Citations: total times cited is 4353; h-index is 29
- Web of Science: total times cited is 1618; h-index is 17
- Scopus: total times cited is 1879; h-index is 19

### Citations of Individual Papers

- *Critical Review on PPP Research - A Search from the Chinese and International Journals* was ranked 5th of 25 most cited papers published since 2016 (accessed on 09 August 2019) in the International Journal of Project Management
- *Understanding the Risks in China's PPP Projects: Ranking of Their Probability and Consequence* was ranked 2nd of 10 most cited papers published in the last three years (accessed on 9 July 2018) in the Engineering, Construction and Architectural Management
- *Preferred Risk Allocation in China's Public-Private Partnership Projects* was ranked 18th of 25 most cited papers published since 2008 (accessed on 4 December 2013), 5th of 25 published since 2009 (accessed on 17 December 2014), and 3rd of 25 published since 2010 (accessed on 22 September 2015) in the International Journal of Project Management
- *Critical Success Factors for PPPs in Infrastructure Developments: Chinese Perspective* was ranked 6th of 20 most cited papers (accessed on 19 May 2015), 7th of 10 most cited articles from the past three years (accessed on 28 April 2017), and 8th of 10 most cited articles from the past three years (accessed on 8 August 2019) in the ASCE Journal of Construction Engineering and Management
- *Empirical Study of Risk Assessment and Allocation of Public-Private Partnership Projects in China* was ranked 2nd of 20 most cited papers (accessed on 19 April 2016), 3rd of 10 most cited articles from the past three years (accessed on 28 April 2017), 2nd of 10 most cited articles from the past three years (accessed on 8 August 2019), and 5th of 10 most cited articles from the past three years (accessed on 02 December 2020) in the ASCE Journal of Management in Engineering
- *Potential Obstacles to Successful Implementation of Public-Private Partnerships in Beijing and the Hong Kong Special Administrative Region* was ranked 18th of 20 most cited papers (accessed on 04 March 2016) in the ASCE Journal of Management in Engineering
- *Risk Allocation in Public-Private Partnership Infrastructure Projects: Comparative Study* was ranked 11th of 20 most cited papers (accessed on 03 December 2014), and 9th of 10 most cited articles from the past three years (accessed on 02 December 2020) in the ASCE Journal of Infrastructure Systems
- *Developing a Risk Assessment Model for PPP Projects in China - A Fuzzy Synthetic Evaluation Approach* was ranked 22nd of 25 most cited papers published since 2010 (accessed on 29 October 2015) in the Automation in Construction
- *Public Construction Project Delivery Process in Singapore, Beijing, Hong Kong and Sydney* is the 2014 Highly Commended Paper in the Journal of Financial Management of Property and Construction
- *An Investigation of Psychological Contracts in Construction Procurement* is the Best Paper in the 2015 CIB Conference Going North for Sustainability

### Mentions in Others

- *Comprehensive Metrological and Content Analysis of the Public-Private Partnerships (PPPs) Research Field: a New Bibliometric Journey* in Scientometrics in 2020: I was top 7th influential author; four papers were in the top 20 local cited papers including #4, #6, #7 and #11
- *A Holistic Review of Public-Private Partnership Literature Published between 2008 and 2018* in Advances in Civil Engineering in 2019: I was ranked 2nd most cited author; five papers were in the list of most cited articles including #1, #2, #5, #7 and #10
- *Cluster Analysis of the Intellectual Structure of PPP Research* in Journal of Management in Engineering in 2019: two papers were in the list of most cited papers including #14 and #16
- *Bibliometric Analysis of PPP and PFI Literature: Overview of 25 Years of Research* in Journal of Construction Engineering and Management in 2016: one paper was ranked #9 most cited

- *A Review of Emerging Trends in Global PPP Research: Analysis and Visualization* in *Scientometrics* in 2016: I was ranked 4th most productive author

## Invited Talks

- *Unconventional Project Supervision: The Case of Sydney CBD and South East Light Rail Project*. Suzhou University of Science and Technology, China, December 2020. (Webinar, Chinese)
- *A Critical International Perspective on Value in Public-Private Partnerships*. 2020 China PPP 30 Forum, Shanghai University, Shanghai, China, November 2020. (Webinar, Chinese)
- *Areas for Collaborative Research in Public-Private Partnerships*. Chinese University Association of PPP Initiatives, Tsinghua University, Beijing, China, October 2020. (Webinar, Chinese)
- *Social Sustainability in Hospital Public-Private Partnerships: Case Study of the Northern Beaches Hospital in Sydney*. Beijing University of Civil Engineering and Architecture, Beijing, China, August 2020. (Webinar, Chinese)
- *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Xi'an University of Architecture and Technology, Shaanxi, China, September 2019. (Chinese)
- *Unconventional Project Supervision: The Case of Sydney CBD and South East Light Rail Project*. Shanghai Urban Construction Group, Shanghai, China, September 2019. (Webinar, Chinese)
- *Qualitative Research of Public Private Partnerships*. Nanjing Forestry University, Nanjing, China, January 2019. (Chinese)
- *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Ningbo University, Ningbo, China, January 2019. (Chinese)
- *Research Agenda for Public-Private Partnerships*. 2018 China PPP 30 Forum, Shanghai University, Shanghai, China, November 2018. (Chinese)
- *Implementation of Public-Private Partnerships in Australia*. Suzhou University of Science and Technology, China, November 2018. (Chinese)
- *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Hefei University of Technology, Hefei, China, November 2018. (Chinese)
- *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Jumbo Consulting, Shanghai, China, November 2018. (Chinese)
- *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Chang'an University, Xi'an, China, November 2018. (Chinese)
- *Risk Management of Public-Private Partnerships in Australia*. Central University of Finance and Economics, Beijing, China, November 2018. (Chinese)
- *Implementation and Lessons Learnt of Public-Private Partnerships in Australia and Research Agenda*. Nanjing Forestry University, Nanjing, China, November 2018. (Chinese)
- *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Southeast University, Nanjing, China, November 2018. (Chinese)
- *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Shanghai University, Shanghai, China, November 2018. (Chinese)
- *Qualitative Research of Public Private Partnerships*. Zhejiang Sci-Tech University, Hangzhou, China, May 2018. (Chinese)
- *Defining Public-Private Partnership from the Wittgenstein Family-Resemblance Philosophy*. 3rd China Public-Private Partnership Summit, Dalian University of Technology, China, May 2018 (Keynote Speech, Chinese)
- *The Fever of Public Private Partnership in China*. University of Newcastle, Australia, March 2015.
- *Relational Practices in Public Projects*. University of Newcastle, Australia, November 2013.
- *Changing Environment for Public Private Partnership in China: Recommendations for International Investors*. Seminar on International Project Management, Singapore, April 2013.
- *Research Example - Equitable Risk Allocation for Public-Private Partnership Projects in China*. Seminar on Research Methodology, Nanyang Technological University, Singapore, January 2013.
- *Topic Selection, Research and Paper Writing in Management Science and Engineering*. Tsinghua University, Beijing, China, April 2010. (Chinese)
- *Risk Allocation and Management in China's PPP Projects*. Jumbo Consulting, Shanghai, China, May 2009. (Chinese)

## Supervision

### Current Group Members

- Ms Kun Wang, Visiting Scholar, Feb. - Jul. 2018, PhD Student, Feb. 2019 - Current, University of Technology Sydney, *Social Sustainable Development of China's Aged Care PPP Projects*, Most Potential Award in the 7th Infrastructure Research and Innovation Competition
- Ms Juanwen Liu, Co-supervised PhD student, Jul. 2017 - Current, University of Technology Sydney, Principal Supervisor: Prof Shankar Sankaran, *Enhancing Value Co-creation in Social Infrastructure Public Private Partnership Projects: An Institutional Perspective*
- Ms Xiaohang Xu, Co-supervised PhD student, Jul. 2016 - Current, University of Technology Sydney, Principal Supervisor: Prof Shankar Sankaran, *An Investigation of the Relationship between Opportunism and Innovation in Public-Private Partnership (PPP) Projects*

### Former Group Members

- Dr Noah Mwelu, Lecturer, Makerere University Business School, Kampala, Uganda, Co-supervised PhD graduate, May 2016 – Feb. 2020, Principal Supervisor: Prof Peter Davis, University of Newcastle, *Compliance and Regulatory Framework in Public Procurement of Public Road Construction Projects in Uganda*
- Dr Zilong Zhang, Visiting Student, Mar. - Aug. 2015, University of Newcastle, PhD Graduate, Tsinghua University, China

## Teaching

### University of Technology Sydney

SUBJECT COORDINATOR & LECTURER, ON CAMPUS VIA INTENSIVE BLOCK MODE, POSTGRADUATE LEVEL

- 2021 S1, 15317 Advanced Project Risk Management (blended), 20 students
- 2021 S1, 15319 Project Risk, Procurement and Quality Management (blended), 20 students

Sydney, Australia

Sep. 2016 - Current



- 2021 S1, 15327 Managing Project Complexity (blended), 22 students
- 2020 S2, 15115 Advances in Project Management (online due to COVID-19), 32 students
- 2020 S2, 15319 Project Risk, Procurement and Quality Management (online), 28 students
- 2020 S1, 15317 Advanced Project Risk Management (online), 15 students
- 2020 S1, 15319 Project Risk, Procurement and Quality Management (online), 28 students
- 2020 S1, 15327 Managing Project Complexity (online), 26 students
- 2019 S2, 15115 Advances in Project Management (subject I developed), 14 Students
- 2019 S2, 15319 Project Risk, Procurement and Quality Management, 25 Students
- 2019 S1, 15317 Advanced Project Risk Management, 22 Students
- 2019 S1, 15319 Project Risk, Procurement and Quality Management, 30 Students
- 2019 S1, 15327 Managing Project Complexity, 39 Students
- 2018 S1, 15317 Advanced Project Risk Management, 21 Students
- 2018 S1, 15319 Project Risk, Procurement and Quality Management, 36 Students
- 2018 S1, 15327 Managing Project Complexity, 37 Students
- 2017 S2, 15319 Project Risk, Procurement and Quality Management, 25 Students
- 2017 S1, 15317 Advanced Project Risk Management, 62 Students
- 2017 S1, 15319 Project Risk, Procurement and Quality Management, 35 Students
- 2017 S1, 15327 Managing Project Complexity, 57 Students
- 2017 S1, 15356 Project Performance Improvement (discontinued), 31 Students
- 2016 S2, 15319 Project Risk, Procurement and Quality Management, 43 Students

## Chang'an University

*Xi'an, China*

GUEST LECTURER, ON CAMPUS, BLENDED TEACHING AND INTENSIVE BLOCK MODE

*Sep. 2019*

- 2019/2020 S1, Introduction to Project Management, Postgraduate Level

## University of Newcastle

*Newcastle, Australia*

SUBJECT COORDINATOR & LECTURER, ONLINE & ON CAMPUS, BLENDED TEACHING MODE

*Jun. 2013 - Aug. 2016*

- 2016 T2, ARBE6407 Project Closure, Postgraduate Level, 12 Students, Online Only
- 2016 S2, ARBE2309 Construction Procurement and Tendering, Undergraduate, 130 Students
- 2016 S2, ARBE4303 Facilities Management, Undergraduate Level, 313 Students
- 2016 S1, ARBE4303 Facilities Management, Undergraduate Level, BCA Singapore, 9 Students
- 2015 T2, ARBE6407 Project Closure, Postgraduate Level, 20 Students, Online Only
- 2015 S2, ARBE2309 Construction Procurement and Tendering, Undergraduate, 149 Students
- 2015 S2, ARBE3305 Infrastructure Development, Undergraduate Level, 161 Students
- 2015 S2, ARBE4303 Facilities Management, Undergraduate Level, 166 Students
- 2014 T2, ARBE6407 Project Closure, Postgraduate Level, 24 Students
- 2014 S2, ARBE3305 Infrastructure Development, Undergraduate Level, 158 Students
- 2014 S2, ARBE4303 Facilities Management, Undergraduate Level, 94 Students
- 2013 S2, ARBE3305 Infrastructure Development, Undergraduate Level, 138 Students
- 2013 S2, ARBE4303 Facilities Management, Undergraduate Level, 146 Students

## National University of Singapore

*Singapore*

TUTOR, ON CAMPUS, TRADITIONAL WEEKLY TEACHING MODE

*Jan. 2012 - May 2013*

- 2012/2013 S2, PF2108 Project Cost Management, Undergraduate Level, 140 Students
- 2011/2012 S2, PF2108 Project Cost Management, Undergraduate Level, 140 Students

## Tsinghua University

*Beijing, China*

TEACHING ASSISTANT, ON CAMPUS, TRADITIONAL WEEKLY TEACHING MODE

*Sep. 2006 - Jun. 2009*

- 2008/2009 S2, Project Finance (BOT/PPP/PFI), Postgraduate Level, 30 Students
- 2008/2009 S1, Construction Estimating, Undergraduate Level, 120 Students
- 2006/2007 S1, Engineering Economy, Undergraduate Level, 120 Students

# Service

## Member of Editorial Advisory/Review Boards

- 2020 - Current, Department Editor, Project Management Journal
- 2017 - Current, International Journal of Project Organisation and Management
- 2017 - Current, Built Environment Project and Asset Management
- 2014 - Current, International Journal on Civil Engineering and Urban Planning
- 2010 - Current, International Journal of Information Technology Project Management
- 2009, Guest Editor, Jumbo Newsletter, Shanghai, China (Chinese)

## Regular/Ad Hoc Reviewer for International Journals

- 2020 - Current, Complexity
- 2020 - Current, IEEE Transactions on Engineering Management
- 2020 - Current, International Journal of Health Planning and Management
- 2019 - Current, Frontiers in Built Environment

- 2019 - Current, International Journal of Procurement Management
- 2019 - Current, SAGE Open
- 2018 - Current, Research in Transportation Economics
- 2018 - Current, Advances in Civil Engineering
- 2018 - Current, Transportation Research Part A: Policy and Practice
- 2017 - Current, Sustainable Development
- 2017 - Current, Frontiers of Engineering Management
- 2017 - Current, Abacus
- 2017 - Current, International Journal of Strategic Property Management
- 2016 - Current, Science and Engineering Ethics
- 2016 - Current, Cogent Engineering
- 2016 - Current, Journal of Construction Engineering and Project Management
- 2016 - Current, Construction Economics and Building
- 2016 - Current, Journal of Professional Issues in Engineering Education and Practice
- 2015 - Current, Journal of Computing in Civil Engineering
- 2015 - Current, Automation in Construction
- 2015 - Current, CSID Journal of Infrastructure Development
- 2015 - Current, Mathematical Problems in Engineering
- 2014 - Current, Environment, Development and Sustainability
- 2014 - Current, International Journal of Project Organisation and Management
- 2014 - Current, International Journal of Public Sector Management
- 2014 - Current, International Journal of Technology, Policy and Management
- 2014 - Current, Project Management Journal
- 2014 - Current, Utilities Policy
- 2013 - Current, Construction Innovation: Information, Process, Management
- 2013 - Current, International Journal of Construction Management
- 2013 - Current, International Journal of Injury Control and Safety Promotion
- 2012 - Current, Journal of Natural Resources and Development
- 2012 - Current, Built Environment Project and Asset Management
- 2012 - Current, Cities (The International Journal of Urban Policy and Planning)
- 2012 - Current, Journal of Construction in Developing Countries
- 2012 - Current, Smart and Sustainable Built Environment
- 2011 - Current, Journal of Management in Engineering
- 2010 - Current, Chinese Management Studies
- 2010 - Current, Journal of Financial Management of Property and Construction
- 2010 - Current, Journal of Infrastructure Systems
- 2009 - Current, Journal of Construction Engineering and Management
- 2008 - Current, Construction Management and Economics
- 2008 - Current, Engineering, Construction and Architectural Management
- 2008 - Current, International Journal of Project Management

### **Member of Conference Advisory/Scientific Committees**

- 2020, Asia-Pacific Project Studies (APPS) Conference 2020, Online
- 2019, 43rd AUBEA Conference, Noosa, Australia
- 2019, CIB World Building Congress, Hong Kong, China
- 2017, International Conference on Innovative Production and Construction, Perth, Australia
- 2015, International Conference on Building Resilience, Newcastle, Australia

### **Reviewer for International Conferences**

- 2019, 43rd AUBEA Conference, Noosa, Australia
- 2019, CIB World Building Congress, Hong Kong, China
- 2017, Architectural Engineering Institute Conference, United States
- 2014, 2nd International Conference on Advances in Energy and Environmental Science, China
- 2014, 19th CRIOCM, China

### **Professional Service**

- 2020 – Current, Research Associate, Australia-China Relations Institute, University of Technology Sydney, Australia
- 2020 – Current, Member of International Council for Research and Innovation in Building and Construction (CIB), and Secretary of Commission W122 - Public Private Partnership
- 2020 – Current, Assessor, Australian Research Council, Australia
- 2020, Assessor, Makerere University Research and Innovations Fund, Uganda
- 2019, External Examiner, PhD Thesis, School of Engineering, RMIT University, Australia
- 2018.07 - 2019.01, Visiting Research Director, Jumbo Consulting, Shanghai, China
- 2018 - 2021, Guest Professor, School of Economics and Management, Chang'an University, China
- 2018 - 2021, Contributing Specialist, Research Institute of Governments and Trust Companies, Central University of Finance and Economics, China
- 2017 - Current, Member of Standards Australia Committees and Joint Standards Australia / Standards New Zealand Committees (MB012 - Project, Programme and Portfolio Management)
- 2016 - Current, Contributing Specialist, Center for Public-Private Partnership, Tsinghua University, China
- 2015, External Examiner, Final Year Dissertation, School of Natural and Built Environments, University of South Australia, Australia