

## **YONGJIAN KE**

Associate Professor of Project Management

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### **EDUCATION**

2005-2010 PhD in Management Science and Engineering, Tsinghua University, China

2001-2005 BEng in Project Management, Tsinghua University, China

### **EMPLOYMENT**

2022- Associate Professor, University of Technology Sydney, Australia

2016-2021 Senior Lecturer, University of Technology Sydney, Australia

2013-2016 Lecturer, University of Newcastle, Australia

2010-2013 Research Fellow, National University of Singapore, Singapore

2007-2008 Research Assistant, Hong Kong Polytechnic University, Hong Kong SAR, China

### **HONORS & AWARDS**

2024 Stanford's List of World's Top 2% Scientists - Career, Elsevier

2023-2024 Stanford's List of World's Top 2% Scientists - Single Year, Elsevier

2020 Stanford's List of World's Top 2% Scientists - Single Year, Elsevier

2020 DAB Awards for Excellence - Publications, UTS, Australia

2020 Outstanding Contribution Award, 7th Infrastructure Research & Innovation Competition, China

2016 Outstanding Contribution in Reviewing, Int. Journal of Project Management

2015 Best Paper Award, CIB Conference - Going North for Sustainability, London, UK

2015 Outstanding Reviewer Award, Built Environment Project and Asset Management

2014 Highly Commended Paper, Journal of Financial Management of Property and Construction

2014 Outstanding Contribution in Reviewing, Utilities Policy

2010 Highly Commended Award, Emerald/EFMD Outstanding Doctoral Research

2010 Outstanding PhD Dissertation Award, GuanKe Foundation of Construction Economics and Management, China

2010 Outstanding PhD Dissertation Award, Tsinghua University, China

2010 Outstanding PhD Graduate Award, Tsinghua University, China

2010 Third Prize, 2nd National Public Private Partnership Paper Competition, China

2010 Pinsent Masons Outstanding Research Award, Tsinghua University, China

2010 National Excellent Paper, Architectural Society of China, China

2009-2010 Outstanding Young Researcher Award, Tsinghua University, China

2009 Outstanding Teaching Assistant Award, Tsinghua University, China

2008-2009 Outstanding Postgraduate Student Award, Tsinghua University, China

2006 Outstanding Postgraduate Student Award, Tsinghua University, China

### **CERTIFICATION**

2018 World Bank Group / APMG Certified PPP Professional (CP3P) Preparation

2017 World Bank Group / APMG Certified PPP Professional (CP3P) Foundation

## **RESEARCH INTERESTS**

- Public-Private Partnerships: governance, risk allocation, performance, stakeholder
- Sustainable Infrastructure: social sustainability, social licence for infrastructure
- Industry Transformation: disruptive technologies, innovation, social media use

## **GRANTS**

2024	UTS and Abu Dhabi University Research Partnership, UTS, AUD 10,000
2024	DAB Research Outputs Support Scheme, UTS, AUD 3,000
2024	PMI Sponsored Research Grant, Project Management Institute, USD 50,000
2023	General Research Grant, Zhejiang Provincial Philosophy and Social Science Planning, CNY 30,000
2023	General Research Grant, National Social Science Fund of China, CNY 410,000
2022	General Research Grant, National Social Science Fund of China, CNY 460,000
2022	High-End Foreign Expert Project, Ministry of Science and Technology of China, CNY 300,000
2021	UTS Research Grants, Australia China Relations Institute, AUD 5,000
2020	General Research Grant, National Social Science Fund of China, CNY 500,000
2020	Academic Grant, Project Governance and Controls Symposium, AUD 10,000
2020	PMI Sponsored Research Grant, Project Management Institute, USD 50,000
2019	ARBE Research Grant, UTS, AUD 2,500
2019	Western Research Grant, National Social Science Fund of China, CNY 200,000
2019	DAB Research Outputs Support Scheme, UTS, AUD 2,500
2018	General Research Grant, National Social Science Fund of China, CNY 200,000
2017	Learner Experience Design Grant, UTS, AUD 2,000
2017	DAB Research Outputs Support Scheme, UTS, AUD 1,800
2017	Faculty Strategic Pilot Grant, University of Newcastle, AUD 15,500
2016	DAB Conference Travel Grant, UTS, AUD 2,500
2015	CIBER SABE Research Grant, University of Newcastle, AUD 2,500
2015	General Research Grant, National Natural Science Foundation, CNY 600,000
2014	Research Grant, Beijing Infrastructure Investment Co., LTD, CNY 250,000
2014	Faculty Strategic Pilot Grant, University of Newcastle, AUD 15,000
2014	New Staff Grant, University of Newcastle, AUD 10,000
2014	CIBER SABE Research Grant, University of Newcastle, AUD 5,000
2014	CIBER SABE Travel Grant, University of Newcastle, AUD 2,500
2013	CIBER SABE Travel Grant, University of Newcastle, AUD 2,500
2007	Joint Supervision Scheme, Hong Kong Polytechnic University, HKD 120,000

## **PROJECTS**

- 1) Ke, Y., Rahi, K., Xue, J. *Using Digital Media to Measure Social Licence for Infrastructure Projects*. University of Technology Sydney, UTS and Abu Dhabi University Research Partnership, 2024-2025, AUD 10,000
- 2) Ekanayake, B., Sankaran, S., Ke, Y., Morgan, K. *Develop a Conceptual Framework for Assessing the Value of Information in the Era of AI*. University of Technology Sydney, DAB Research Outputs Support Scheme, 2024, AUD 3,000
- 3) Wang, L., Müller, R., Karlsen, J.T., Ke, Y., Klakegg, O.J., Yu, M. *Governing for ESG Performance in Mega-projects: An Inter-organizational Perspective*. Project Management Institute, PMI Sponsored Research Grant, 2024 - 2025, USD 50,000
- 4) Wang, K., Ke, Y., Liu, J., Meng, C., Hu, Z. *Evaluation, Problems and Countermeasures of Social Sustainability of Home and Community-based Aged Care in the Context of*

*Common Prosperity*. Zhejiang Provincial Philosophy and Social Science Planning Project, 2023 - 2026, CNY 30,000

- 5) Liu, Y., Ke, Y., Hao, J., Zhang, N., Xu, S., Ge, Y. *Social License for Infrastructure (SLI): Dynamic Evolution, Resilience Evaluation and Sustainable Enhancement*. National Natural Science Foundation of China, General Research Grant, 2024 - 2027, CNY 410,000
- 6) Ning, Y., Kwak, Y.H., Ke, Y., Liu, H., Tao, S., Liu, Y. *Life-cycle Value Co-Creation in Infrastructure Projects: Goal, Behavior, and Governance*. National Natural Science Foundation of China, General Research Grant, 2023 - 2026, CNY 460,000
- 7) Bai, L., Ke, Y., Zhao, X., Wamba, S. F., Qiu, C. *Collaborative Management and Optimisation of Construction Project Portfolio under Dual-Carbon Goals*. Ministry of Science and Technology of China, High-End Foreign Expert Project, 2022 - 2023, CNY 300,000
- 8) Ke, Y. *Public Perceptions of Chinese Investment in Australian Infrastructure: A Twitter Study*. Australia China Relations Institute, 2021 UTS Research Grants scheme, 2021 – 2022, AUD 5,000
- 9) 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
- 10) 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
- 11) 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
- 12) 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
- 13) 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
- 14) 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
- 15) Ke, Y., Remington, K. *Designing a Collaborative Group Activity to Facilitate Mastery of Complex Concepts and Equip Students for Individual Assignments in 15327*. University of Technology Sydney, Learner Experience Design Grant, 2017, AUD 2,000
- 16) 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
- 17) Ke, Y. *Identification of Unethical Behaviours in Public-Private Partnership Projects*. University of Newcastle, CIBER SABE Research Grant, 2015, AUD 2,500
- 18) 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
- 19) 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
- 20) 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

- 21) Ke, Y. *Governing Public Construction Projects through Relational Contracting Principles*. University of Newcastle, New Staff Grant, 2014, AUD 10,000
- 22) 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
- 23) 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
- 24) 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
- 25) 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
- 26) 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
- 27) 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**

### **Journal Papers**

- 1) Zhang, S., Sunindijo, R. Y., Wang, J., Su, Z., Ke, Y., & Liu, X. (in press). The causation of design error in the construction industry: A multi-stakeholder perspective. *Journal of Performance of Constructed Facilities*, accepted on 28 August 2024.
- 2) Zhang, S., Wang, J., Ke, Y., Li, N., & Su, Z. (in press). Exploring the impact of job satisfaction on turnover intention among professionals in the Chinese construction industry. *Engineering, Architectural and Construction Management*.  
<https://doi.org/10.1108/ECAM-11-2023-1179>
- 3) Wang, K., & Ke, Y. (in press). Towards sustainable development: assessing social sustainability of Australian aged care system. *Sustainable Development*.  
<https://doi.org/10.1002/sd.3086>
- 4) Bai, L., Lin, J., Zhang, L., Pan, T., Ke, Y., & Zhou, X. (in press). Modeling for project portfolio synergy benefits measurement. *International Journal of Modelling and Simulation*. <https://doi.org/10.1080/02286203.2023.2238370>
- 5) Wu, X., Shi, X., Ke, Y., Li, Y., Wan, M., & Gong, X. (2024). A dynamic framework for contractors to measure the performance of highway maintenance based on grey theory. *Scientific Reports*, 14, 21893. <https://doi.org/10.1038/s41598-024-72372-5>
- 6) Wang, K., Ke, Y., & Sankaran, S. (2024). How socially sustainable is the institutional care environment in China: A content analysis of media reporting. *Buildings*, 14(9), 2953. <https://doi.org/10.3390/buildings14092953>
- 7) Cheng, Z., Zhu, Y., Wang, H., & Ke, Y. (2024). Developing a suitability assessment model for public private partnerships: A case in urban China. *Humanities and Social Sciences Communications*, 11, 1215. <https://doi.org/10.1057/s41599-024-03733-8>
- 8) Zhou, Q., Luo, X., Gao, X., Xia, B., Ke, Y., Skitmore, M., & Liu, Y. (2024). Impact of psychological distance on public acceptance of waste-to-energy combustion projects. *Environmental Impact Assessment Review*, 109, 107631. <https://doi.org/10.1016/j.eiar.2024.107631>
- 9) Jin, K., Yu, S., Xia, B., Ke, Y., Skitmore, M., & Liu, Y. (2024). Exploring the effect of procedural fairness on the social license to operate of resource development projects: A

- meta-analysis. *Resources Policy*, 96, 105242.  
<https://doi.org/10.1016/J.RESOURPOL.2024.105242>
- 10) Müller, R., Alix-Séguin, C., Alonderienė, R., Bourgault, M., Chmieliauskas, A., Drouin, N., Ke, Y., Wang, L., Pilkiene, M., Minelgaite, I., Šimkonis, S., Unterhitzberger, C., Vaagaasar, A.L., & Zhu, F. (2024). A (meta)governance framework for multi-level governance of inter-organizational project networks. *Production Planning & Control*, 35(10), 1043-1062. <https://doi.org/10.1080/09537287.2022.2146018>
  - 11) Wang, K., & Ke, Y. (2024). Social sustainability of communities: A systematic literature review. *Sustainable Production and Consumption*, 47, 585-597.  
<https://doi.org/10.1016/j.spc.2024.04.031>
  - 12) Wang, K., Ke, Y., & Sankaran, S. (2024). The social pillar of sustainable development: measurement and current status of social sustainability of aged care projects in China. *Sustainable Development*, 32(1), 227-243. <https://doi.org/10.1002/sd.2654>
  - 13) Albornoz, V., Ke, Y., & Millán, J. (2024). Public-private partnerships: pro-cyclical or counter-cyclical? An empirical study. *International Journal of Construction Management*, 24(1), 97-107. <https://doi.org/10.1080/15623599.2023.2245629>
  - 14) Laishram, B., Devkar, G., Ke, Y., & Aziz, A. A. (2024). Guest editorial: Public private partnerships: past, present and future. *Built Environment Project and Asset Management*, 14(1), 1-3. <https://doi.org/10.1108/BEPAM-02-2024-207>
  - 15) Ke, Y., Cheng, Z., Zhang, J., & Liu, Y. (2024). Making sense of the definition of public-private partnerships. *Built Environment Project and Asset Management*, 14(1), 4-21.  
<https://doi.org/10.1108/BEPAM-01-2023-0009>
  - 16) Bao, W., Chen, Y., Cui, C., Xia, B., Ke, Y., Skitmore, M., & Liu, Y. (2023). How to shape local public acceptance of Not-In-My-Backyard infrastructures? A social cognitive theory perspective. *Sustainability*, 15(22), 15835. <https://doi.org/10.3390/su152215835>
  - 17) Ma, L., Hu, Y., Zhu, L. & Ke, Y. (2023). Are public-private partnerships still an answer for social infrastructure? A systematic literature review. *Frontiers of Engineering Management*, 10(3), 467-482. <https://doi.org/10.1007/s42524-023-0249-1>
  - 18) Wang, K., Ke, Y., & Sankaran, S. (2023). Social sustainability of aged care public-private partnership projects in China: critical practices and realisation paths. *Journal of Cleaner Production*, 422, 138644. <https://doi.org/10.1016/j.jclepro.2023.138644>
  - 19) Ke, Y., Zhang, J., & Philbin, S.P. (2023). Tradition and innovation in construction project management. *Buildings*, 13(6), 1537. <https://doi.org/10.3390/buildings13061537>
  - 20) Zhang, J., Chen, M., Ballesteros-Pérez, P., Ke, Y., Gong, Z., & Ni., Q. (2023). A new framework to evaluate and optimize digital transformation policies in the construction industry: a China case study. *Journal of Building Engineering*, 70, 106388.  
<https://doi.org/10.1016/j.jobe.2023.106388>
  - 21) Sun, Q., Zhang, S., Ke, Y., Ma, X., & Galvin, S. (2023). Comparative analysis on the PPP research in Chinese and international journals: a bibliometric perspective. *International Journal of Construction Management*, 23(2), 307-318.  
<https://doi.org/10.1080/15623599.2020.1866431>
  - 22) Unterhitzberger, C., Müller, R., Vaagaasar, A.L., Ke, Y., Alonderiene, R., Minelgaite, I., Pilkiene, M., Wang, L., Drouin, N., Chmieliauskas, A., Simkonis, S., & Mongeon, M. (2023). A multi-level governance model for inter-organizational project networks. *Project Management Journal*, 54(1), 88-105. <https://doi.org/10.1177/87569728221131254>
  - 23) Zhang, J., Zhu, Z., Liu, H., Zuo, J., Ke, Y., Philbin, S.P., Zhou, Z., Feng, Y., & Ni, Q. (2023). System framework for digital monitoring of the construction of asphalt concrete pavement based on IoT, Beidou navigation system and 5G technology. *Buildings*, 13(2), 503. <https://doi.org/10.3390/buildings13020503>
  - 24) He, X., Xu, M., Cui, C., Xia, B., Ke, Y., Skitmore, M., & Liu, Y. (2023). Evaluating the social license to operate of waste-to-energy incineration projects: a case study from the Yangtze River Delta of China. *Journal of Cleaner Production*, 388, 135966.  
<https://doi.org/10.1016/j.jclepro.2023.135966>

- 25) Xu, M., Liu, Y., Cui, C., Xia, B., Ke, Y., & Skitmore, M. (2023). Social acceptance of NIMBY facilities: a comparative study between public acceptance and the social license to operate analytical frameworks. *Land Use Policy*, 124, 106453. <https://doi.org/10.1016/j.landusepol.2022.106453>
- 26) Zhang, J., Peng, X., Ouyang, Y., Ballesteros-Pérez, P., Ke, Y., Lu, Q., Li, H., & Skitmore, M. (2022). Environmental life cycle impact assessment of transportation infrastructure: a multi-case study in international perspective. *International Journal of Sustainable Transportation*, 16(11), 1020-1031. <https://doi.org/10.1080/15568318.2021.1959684>
- 27) Li, H., Han, Z., Zhang, J., Philbin, S. P., Liu, D., & Ke, Y. (2022). Systematic identification of the influencing factors for the digital transformation of the construction industry based on LDA-DEMATEL-ANP. *Buildings*, 12(9), 1409. <https://doi.org/10.3390/buildings12091409>
- 28) Chen, S., Zhang, J., Skitmore, M., Ballesteros-Pérez, P., Ke, Y., Zuo, J., & Sun, H. (2022). Data-driven platform framework for digital whole-process expressway construction management. *Frontiers in Neuroscience*, 16, 891772. <https://doi.org/10.3389/fnins.2022.891772>
- 29) Li, X., Yuan, J., Liu, X., Ke, Y., & Jia, S. (2022). Identifying critical influencing factors of the value creation of urban rail transit PPPs projects in China. *Buildings*, 12(8), 1080. <https://doi.org/10.3390/buildings12081080>
- 30) Wang, K., Ke, Y., Liu, T., & Sankaran, S. (2022). Social sustainability in public-private partnership projects: case study of the Northern Beaches Hospital in Sydney. *Engineering, Construction and Architectural Management*, 29(6), 2437-2460. <https://doi.org/10.1108/ECAM-10-2020-0835>
- 31) Zhou, Q., Xu, M., Liu, Y., Cui, C., Xia, B., Ke, Y., & Skitmore, M. (2022). Exploring the effects of spatial distance on public perception of waste-to-energy incineration projects. *Waste Management*, 143, 168-176. <https://doi.org/10.1016/j.wasman.2022.02.033>
- 32) 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*, 28(9), 2772-2787. <https://doi.org/10.1108/ECAM-03-2020-0183>
- 33) Wang, K., Ke, Y., Sankaran, S., & Xia, B. (2021). Problems in the home and community-based long-term care for the elderly in China: a content analysis of news coverage. *International Journal of Health Planning and Management*, 36(5), 1727-1741. <https://doi.org/10.1002/hpm.3255>
- 34) 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*, 77, 101012. <https://doi.org/10.1016/j.seps.2021.101012>
- 35) 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*, 2, 100010. <https://doi.org/10.1016/j.plas.2021.100010>
- 36) 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*, 21(6), 598-614. <https://doi.org/10.1080/15623599.2019.1573481>
- 37) Cheng, Z., Ke, Y., Yang, Z., Cai, J., & Wang, H. (2020). Diversification or convergence: an international comparison of PPP policy and management between the UK, India, and China. *Engineering, Construction and Architectural Management*, 27(6), 1315-1335. <https://doi.org/10.1108/ECAM-06-2019-0290>
- 38) 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. <https://doi.org/10.1108/JOPP-12-2018-0052>
- 39) 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. <https://doi.org/10.1108/ECAM-06-2019-0328>
- 40) 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. <https://doi.org/10.1016/j.jclepro.2020.120404>
- 41) 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. <https://doi.org/10.3390/su11226436>
- 42) 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. <https://doi.org/10.1108/BEPAM-10-2018-0128>
- 43) 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. <https://doi.org/10.1155/2019/7094653>
- 44) 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. <https://doi.org/10.3390/su11051338>
- 45) 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. <https://doi.org/10.1002/hpm.2891>
- 46) 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)
- 47) 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)
- 48) 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. <https://doi.org/10.1504/IJPOM.2018.093991>
- 49) 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. <https://doi.org/10.5130/AJCEB.v18i4.6362>
- 50) 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) <https://doi.org/10.3760/cma.j.issn.1000-6672.2018.11.004>
- 51) 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. <https://doi.org/10.1155/2018/9061647>
- 52) 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. [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0001327](https://doi.org/10.1061/(ASCE)CO.1943-7862.0001327)
- 53) 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. <https://doi.org/10.5130/AJCEB.v17i1.5105>
- 54) 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. <https://doi.org/10.1016/j.ijproman.2016.05.006>
- 55) Ke, Y., Davis, P., & Jefferies, M. (2016). A conceptual model of psychological contracts in construction projects. *Construction Economics and Building*, 16(3), 20-37. <http://doi.org/10.5130/AJCEB.v16i3.4993>
- 56) 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. <https://doi.org/10.1016/j.ijproman.2016.02.008>

- 57) 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. [https://doi.org/10.1061/\(ASCE\)IS.1943-555X.0000214](https://doi.org/10.1061/(ASCE)IS.1943-555X.0000214)
- 58) 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. <https://doi.org/10.15302/J-FEM-2014052>
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- 1) Ke, Y., & Wang, K. (2024). An overview of PPPs in Australia. In S. R. Clegg, Y. Ke, G. Devkar, V. Mangione, & S. Sankaran (Eds.), *Handbook on Public-Private Partnerships in International Infrastructure Development: A Critical Perspective*. Edward Elgar Publishing.
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- 5) Ninan, J., Ke, Y., Sankaran, S., Mathur, S., Vuorinen, L., & Devkar, G. (2022). Social Media for Improving Metro Rail Project Operations. In J. Ninan (Ed.), *Social Media for Project Management* (pp. 104-120). CRC Press.
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## Conference Papers

- 1) Ke, Y., Wang, K., Xu, X., Liu, J., & Sankaran, S. (2024). *Enhancing sustainability in public-private partnerships: An integrated framework of backcasting, forecasting, and action-oriented methods*. Paper presented at the CRIOCM 2024, Chang'an University, Xi'an, Shaanxi, China.
- 2) Ke, Y., Tang, L., & Zhai, C. (2022). *Do Australians dislike Chinese investment in Australian infrastructure sector?* Paper presented at the AUBEA 2022, Sydney, Australia.
- 3) Wang, L., Müller, R., Chmieliauskas, A., Alonderienė, R., Drouin, N., Ke, Y., Minelgaite, I., Mongeon, M., Pilkienė, M., Šimkonis, S., Unterhitzberger, C., Vaagaasar, A. L., & Zhu, F. (2022). *Balancing hierarchy and network: governance of inter-organizational networks for projects*. Paper presented at the EURAM 2022, Winterthur, Switzerland.

- 4) 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.
- 5) 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.
- 6) 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.
- 7) 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.
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- 11) Ke, Y. (2017). *Psychological contracts in construction: two case studies*. Paper presented at the 2017 International Conference on Innovative Production and Construction, Perth, Australia.
- 12) 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.
- 13) 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.
- 14) 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.
- 15) 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.
- 16) 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.
- 17) 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.
- 18) 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.
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- 23) 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.
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- 25) 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.
- 26) 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.
- 27) 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.
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- 29) 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. (Chinese)
- 30) 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.
- 31) 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.
- 32) 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.
- 33) 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. (Chinese)
- 34) 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.

- 35) 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.

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

## Monographs

- 1) Müller, R., Alonderienė, R., Chmieliauskas, A., Drouin, N., Ke, Y., Minelgaite, I., Mongeon, M., Pilikiene, M., Šimkonis, S., Unterhitzberger, C., Vaagaasar, A. L., Wang, L., Zhu, F. (2022). *Governance of Interorganizational Project Networks*. PMI Published Research White Paper Series, Newtown Square, PA, USA.
- 2) Ke, Y. (2021). Social Media Use in Project Management – An Exploratory Study of Multiple Transport Projects. *Project Governance & Controls Annual Review, 2020/2021*, 65-85.
- 3) Ke, Y., Zhang, L., & Zhou, B. (2018). *A Cross-Country Comparison of Public-Private Partnerships Environment and Applications*. Shanghai, China: Jumbo Consulting. (Chinese)
- 4) Ling, F. Y. Y., Teo, A., Ke, Y., & Ning, Y. (2013). *Boosting Public Construction Project Outcomes through Relational Transactions*. Singapore: National University of Singapore.

## Media/Industry Writing

- 1) Ke, Y. (2018). What is a True Public-Private Partnership Project? *Reference for PPP Decision Making*, 26, 19. (Chinese)
- 2) Ke, Y. (2018). Public-Private Partnerships in Australia: Regulatory Framework. *Reference for PPP Decision Making*, 310, 921. (Chinese)
- 3) Ke, Y. (2018). Public-Private Partnerships in Australia: History and Application. *Reference for PPP Decision Making*, 310, 18. (Chinese)
- 4) 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)
- 5) Wang, S. Q., & Ke, Y. (2009). Reasons and Revelation of Taiwan High Speed Rail's Failure. *Jumbo Newsletter*, 11, 1011. (Chinese)
- 6) Ke, Y., & Wang, S. Q. (2009). Current Implementation of Risk Management in China's PPP Projects. *Jumbo Newsletter*, 4, 1822. (Chinese)
- 7) Wang, S. Q., & Ke, Y. (2008). Application and Experience of BOT/PPP in China. *Invest Beijing*, 10, 82-83. (Chinese)

## RESEARCH IMPACT

### Google Scholar Metrics

- Overall: the number of citations is 7481; h-index is 35; i10-index is 74
- Since 2019: the number of citations is 4302; h-index is 29; i10-index is 64

## SciVal Author Metrics – 2014 to 2023, Built Environment and Design

- Field-weighted citation impact is 1.89, meaning 89% more cited than the world average
- 83.3% publications with international collaboration
- 30.0% outputs in the top 10% citation percentiles
- 60.7% publications in the top 10% journal percentiles

### Highly Cited Individual Papers

- 1) *Evaluation of Sustainable Transport Research in 2000-2019* was an ESI Highly Cited Paper (accessed on 12 September 2021).
- 2) *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.
- 3) *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.
- 4) *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.
- 5) *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.
- 6) *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.
- 7) *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.
- 8) *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.
- 9) *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 Automation in Construction.
- 10) *An Investigation of Psychological Contracts in Construction Procurement* is the Best Paper in the 2015 CIB Conference Going North for Sustainability.
- 11) *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.

## Mentioned by Journal Papers

- 1) *Analyzing Trends and Emerging Issues in Public-Private Partnership (PPP) Projects in Construction: A Bibliometric Study* in Operations Research Forum in 2024: two papers were in the top 10 most cited articles, ranked #1 and #4; I was the 8<sup>th</sup> most collaborative researcher.
- 2) *Public-Private Partnership (PPP) in Road Infrastructure Projects: A Review of Evolution, Approaches, and Prospects* in Sustainability in 2024: one paper was the most cited paper on PPPs in road infrastructure projects.
- 3) *Public-Private Partnership: Bibliometric and Visualized Analysis* in Novi Ekonomist in 2024: I was 5<sup>th</sup> most productive author and 4<sup>th</sup> most cited author in 2000-2021.
- 4) *Exploring Risk Aspects in Public-Private Partnership Infrastructure Research: A Bibliometric Analysis* in the Journal of Infrastructure Policy and Management in 2024: one paper was ranked 6<sup>th</sup> most cited paper.
- 5) A Stanford University study, *Updated Science-wide Author Databases of Standardized Citation Indicators* in PLoS Biology in 2024: I was ranked among the top 2% of scientists in the building & construction discipline in the single year of 2023 and in the career long.
- 6) A Stanford University study, *Updated Science-wide Author Databases of Standardized Citation Indicators* in PLoS Biology in 2023: I was ranked among the top 2% of scientists in the building & construction discipline in the single year of 2022.
- 7) *Review of Risk Management Studies in Public-Private Partnerships: A Scientometric Analysis* in the International Journal of Construction Management in 2023: I was the 3<sup>rd</sup> most collaborative researcher; two papers were in the top 10 high-impact articles, ranked #3 and #8.
- 8) *Research Trends, Themes, and Gaps of Public-Private Partnership in Water Sector: A Two-Decade Review* in Urban Water Journal in 2022: One paper was ranked #11 most cited in the PPP water sector.
- 9) *A Bibliometric and Meta-Analysis of Studies on Public-Private Partnership in China* in Construction Management and Economics in 2021: Five papers were in the top 10 most cited, ranked #1, #2, #5, #6, and #8.
- 10) A Stanford University study, *Updated Science-wide Author Databases of Standardized Citation Indicators* in PLoS Biology in 2020: I was ranked among the top 2% of scientists in the building & construction discipline in the single year of 2019.
- 11) *Systematic Analysis of PPP Research in Construction Journals: From 2009 to 2019* in Engineering, Construction and Architectural Management in 2020: Five papers were in the top 10 most cited, ranked #1, #4, #5, #7, and #8.
- 12) *Comprehensive Metrological and Content Analysis of the Public-Private Partnerships (PPPs) Research Field: A New Bibliometric Journey* in Scientometrics in 2020: I was the 7<sup>th</sup> most influential author; four papers were in the top 20 locally cited, ranked #4, #6, #7, and #11.
- 13) *A Holistic Review of Public-Private Partnership Literature Published Between 2008 and 2018* in Advances in Civil Engineering in 2019: I was ranked the 2<sup>nd</sup> most cited author; five papers were listed among the most cited, ranked #1, #2, #5, #7, and #10.
- 14) *Cluster Analysis of the Intellectual Structure of PPP Research* in the Journal of Management in Engineering in 2019: Two papers were listed among the most cited, ranked #14 and #16.
- 15) *Bibliometric Analysis of PPP and PFI Literature: Overview of 25 Years of Research* in the Journal of Construction Engineering and Management in 2016: One paper was ranked #9 most cited.
- 16) *A Review of Emerging Trends in Global PPP Research: Analysis and Visualization* in Scientometrics in 2016: I was ranked the 4<sup>th</sup> most productive author.



## Mentioned by Policy Sources

- 1) *Developing a Risk Assessment Model for PPP Projects in China - A Fuzzy Synthetic Evaluation Approach* was cited by the Inter-American Development Bank in *Public-Private Partnerships in the Drinking Water and Sanitation Sector in Latin America and the Caribbean: Environment, Critical Success Factors, and Recommendations* on 31 Mar 2021; in *Construction Risks Assessment in Latin American Megaprojects: A Fuzzy Challenge* on 01 May 2021; and by Fundação Getulio Vargas in *Risk Allocation and Early Termination of Federal Highway Concessions in Brazil: An Analysis of Concession Contracts Signed by ANTT* on 6 Jun 2023.
- 2) *Evaluation of Sustainable Transport Research in 2000–2019* was cited by the International Science Council in *A Synthesis of Research Gaps* on 31 Aug 2021; by the Ministry of Transport from the Government of the Czech Republic in *Methodology for Evaluating Sustainable Urban Development* on 26 May 2022; and by VTI in *Green Logistics Networks: Roles & Symbiotic Relationships* on 27 Apr 2023.
- 3) *Critical Success Factors for PPPs in Infrastructure Developments: Chinese Perspective* was cited by the Deutsches Institut für Entwicklungspolitik in *Successful Trade Promotion: Lessons from Emerging Economies* on 4 Jul 2013; by the World Bank in *Public-Private Partnerships in Developing Countries: The Emerging Evidence-based Critique* on 5 Aug 2019; by Euskal Autonomia Erkidegoa in *Public-Private Partnerships as a Vector of Innovation: Successful Cases in Spain* on 16 Sep 2019; and by the Publications Office of the European Union in *Evaluating the Impact of Nature-based Solutions: Appendix of Methods* on 04 May 2021.
- 4) *Spatio-temporal Dynamics of Public-Private Partnership Projects in China* was cited by the Lincoln Institute in *Financing Transit-Oriented Development by Value Capture* on 18 Jun 2019; and by the Asian Development Bank in *Equitable Land Use for Asian Infrastructure* on 23 December 2020.
- 5) *A Comparative Study of Critical Success Factors for Public-Private Partnerships (PPP) between Mainland China and the Hong Kong Special Administrative Region* was cited by the World Bank in *Metropolitan Shenzhen: Rail Plus Property for Transit-Oriented Development* on 30 Nov 2020.
- 6) *Understanding the Risks in China's PPP Projects: Ranking of Their Probability and Consequence* was cited by the Institut Français des Relations Internationales in *Urbanization and Mobility in China: New Patterns and Intermodal Connections* on 11 Dec 2013; by the International Institute for Sustainable Development in *Public-Private Partnerships in China: On 2014 as a Landmark Year with Past and Future Challenges* on 01 April 2015; and by the World Bank in *Metropolitan Shenzhen: Rail Plus Property for Transit-Oriented Development* on 13 Nov 2020.
- 7) *Risk Allocation in Public-Private Partnership Infrastructure Projects: Comparative Study* was cited by the World Bank in *Public-Private Partnerships: Reference Guide* on 3 Oct 2013, in *Public-Private Partnerships: Reference Guide - Version 2.0* on 15 Sep 2014, and in *Public-Private Partnerships: Reference Guide - Version 3.0* on 19 Dec 2017; by Copenhagen Economics in *How Better Collaboration Between the Private and Public Sector Can Generate Growth in Denmark* on 18 Feb 2019; by the PNG National Research Institute in *Potential Public Private Partnership Strategy for Promoting Effective Housing Delivery in Papua New Guinea* on 3 Apr 2019; and by the Asian Development Bank in *Public-Private Partnership Monitor (Second Edition)* on 31 May 2019.
- 8) *Preferred Risk Allocation in China's Public-Private Partnership (PPP) Projects* was cited by the Asian Development Bank in *Public-Private Partnership Monitor* on 23 Nov 2017 and in *Public-Private Partnership Monitor (Second Edition)* on 31 May 2019.
- 9) *Factors Influencing the Private Involvement in Urban Rail Public-Private Partnership Projects in China* was cited by the Ellen MacArthur Foundation in *The Circular Economy Opportunity for Urban and Industrial Innovation in China* on 19 Sep 2018.

- 10) *Critical Review on PPP Research – A Search from the Chinese and International Journals* was cited by the United Nations Environment Programme in *Emerging Sponge Cities - Foresight Brief No. 005 - January 2018* on 1 Feb 2018.
- 11) *Empirical Study of Risk Assessment and Allocation of Public-Private Partnership Projects in China* was cited by the International Institute for Sustainable Development in *Public-Private Partnerships in China: On 2014 as a Landmark Year with Past and Future Challenges* on 01 April 2015; by the Asian Development Bank in *Evaluating the Environment for Public-Private Partnerships in Asia-Pacific: The 2014 Infrascope* on 07 May 2015; and by DEval in *The developPPP.de Program: A Portfolio Analysis* on 20 Jun 2016.
- 12) *Risk Misallocation in Public–Private Partnership Projects in China* was cited by the International Institute for Sustainable Development in *Public-Private Partnerships in China: On 2014 as a Landmark Year with Past and Future Challenges* on 01 April 2015.
- 13) *Public Construction Project Delivery Process in Singapore, Beijing, Hong Kong and Sydney* was cited by the Office of Technology Assessment at the German Bundestag (TAB) in *Challenges of Sustainable Water Management* on 01 May 2013.
- 14) *Equitable Financial Evaluation Method for Public-Private Partnership Projects* was cited by the Inter-American Development Bank in *An Eligibility Indicator to Select Public-Private Partnership Projects in Infrastructure and Services* on 06 Mar 2011.

## **INVITED TALKS**

- 1) *Transforming China's PPP Landscape: Key Changes and Strategic Implications from 2023 Onwards*. CIB W122 PPP, University of Moratuwa and Ceylon Institute of Builders (CIOB), during the 12th World Construction Symposium, Sri Lanka, August 2024. (Online)
- 2) *How to Conduct a Literature Review Study*. Zhejiang University of Finance and Economics, China, March 2024. (Chinese)
- 3) *How to Conduct a Literature Review Study*. Zhejiang Sci-Tech University, China, February 2024. (Chinese)
- 4) *Social Media Use in Project Management – Several Examples*. Chang'an University, China, December 2022. (Online, Chinese)
- 5) *Conventional and Unconventional Project Supervision for Infrastructures*. Zhejiang University of Finance and Economics, China, November 2022. (Online, Chinese)
- 6) *Public-Private Partnerships – Introduction, Case Studies and Research*. Chang'an University, China, November 2022. (Online, Chinese)
- 7) *Publishing in Project Management Journal*. Chongqing University, China, October 2022. (Online, Chinese)
- 8) *Perceptions of Chinese Investment in Australian Infrastructure - A Twitter Study*. ACRI Research Workshop, Australia-China Relations Institute, Sydney, Australia, July 2022.
- 9) *Public-Private Partnerships – Introduction and Case Studies*. Suzhou University of Science and Technology, China, May 2022. (Online, Chinese)
- 10) *Whether PPPs are Applicable to the Health Industry - Case Study of the Northern Beaches Hospital in Sydney*. Suzhou University of Science and Technology, China, December 2021. (Online, Chinese)
- 11) *Social Media Use in Project Management - An Exploratory Study of Multiple Transport Projects*. Project and Program Management Symposium 2021, Canberra, Australia, August 2021. (Online)
- 12) *Unconventional Project Supervision: The Case of Sydney CBD and South East Light Rail Project*. Suzhou University of Science and Technology, China, December 2020. (Online, Chinese)
- 13) *A Critical International Perspective on Value in Public-Private Partnerships*. 2020 China PPP 30 Forum, Shanghai University, Shanghai, China, November 2020. (Online, Chinese)

- 14) *Areas for Collaborative Research in Public-Private Partnerships*. Chinese University Association of PPP Initiatives, Tsinghua University, Beijing, China, October 2020. (Online, Chinese)
- 15) *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. (Online, Chinese)
- 16) *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Xi'an University of Architecture and Technology, Shaanxi, China, September 2019. (Chinese)
- 17) *Unconventional Project Supervision: The Case of Sydney CBD and South East Light Rail Project*. Shanghai Urban Construction Group, Shanghai, China, September 2019. (Online, Chinese)
- 18) *Qualitative Research of Public Private Partnerships*. Nanjing Forestry University, Nanjing, China, January 2019. (Chinese)
- 19) *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Ningbo University, Ningbo, China, January 2019. (Chinese)
- 20) *Research Agenda for Public-Private Partnerships*. 2018 China PPP 30 Forum, Shanghai University, Shanghai, China, November 2018. (Chinese)
- 21) *Implementation of Public-Private Partnerships in Australia*. Suzhou University of Science and Technology, China, November 2018. (Chinese)
- 22) *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Hefei University of Technology, Hefei, China, November 2018. (Chinese)
- 23) *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Jumbo Consulting, Shanghai, China, November 2018. (Chinese)
- 24) *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Chang'an University, Xi'an, China, November 2018. (Chinese)
- 25) *Risk Management of Public-Private Partnerships in Australia*. Central University of Finance and Economics, Beijing, China, November 2018. (Chinese)
- 26) *Implementation and Lessons Learnt of Public-Private Partnerships in Australia and Research Agenda*. Nanjing Forestry University, Nanjing, China, November 2018. (Chinese)
- 27) *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Southeast University, Nanjing, China, November 2018. (Chinese)
- 28) *Implementation and Lessons Learnt of Public-Private Partnerships in Australia*. Shanghai University, Shanghai, China, November 2018. (Chinese)
- 29) *Qualitative Research of Public Private Partnerships*. Zhejiang Sci-Tech University, Hangzhou, China, May 2018. (Chinese)
- 30) *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)
- 31) *The Fever of Public Private Partnership in China*. University of Newcastle, Australia, March 2015.
- 32) *Relational Practices in Public Projects*. University of Newcastle, Australia, November 2013.
- 33) *Changing Environment for Public Private Partnership in China: Recommendations for International Investors*. Seminar on International Project Management, Singapore, April 2013.
- 34) *Research Example - Equitable Risk Allocation for Public-Private Partnership Projects in China*. Seminar on Research Methodology, Nanyang Technological University, Singapore, January 2013.
- 35) *Topic Selection, Research and Paper Writing in Management Science and Engineering*. Tsinghua University, Beijing, China, April 2010. (Chinese)
- 36) *Risk Allocation and Management in China's PPP Projects*. Jumbo Consulting, Shanghai, China, May 2009. (Chinese)

## **PHD ADVISING**

- 1) Muhammad Umair Khan (University of Technology Sydney, co-supervisor, ongoing)
- 2) Juanwen Liu (University of Technology Sydney, co-supervisor, 2024), currently at PetroChina International Northwest Co Ltd, Liaoning, China
- 3) Kun Wang (University of Technology Sydney, principal supervisor, 2023), currently at Ningbo University, Zhejiang, China
- 4) Xiaohang Xu (University of Technology Sydney, co-supervisor, 2022), currently at Hunnan District Government, Shenyang City, Liaoning, China
- 5) Noah Mwelu (University of Newcastle, co-supervisor, 2020), currently at Makerere University Business School, Kampala, Uganda

## **TEACHING**

### **Postgraduate**

- Advances in Project Management (2019-2024, UTS, Australia)
- Project Integration Management (2023, UTS, Australia)
- Advanced Project Risk Management (2017-2024, UTS, Australia)
- Project Risk, Procurement and Quality Management (2016-2024, UTS, Australia)
- Managing Project Complexity (2017-2024, UTS, Australia)
- Project Performance Improvement (2017, UTS, Australia)
- Managing Project Contracts (2023-2024, UTS, Australia)
- Public-Private Partnerships (2021, 2023, 2024, Chongqing University, China; 2021, Tsinghua University, China)
- Introduction to Project Management (2019, Chang'an University, China)
- Project Closure (2014-2016, University of Newcastle, Australia)
- Project Finance (2009, Tsinghua University, China)

### **Undergraduate**

- Construction Procurement and Tendering (2015-2016, University of Newcastle, Australia)
- Infrastructure Development (2013-2016, University of Newcastle, Australia)
- Facilities Management (2013-2016, University of Newcastle, Australia)
- Project Cost Management (2012-2013, National University of Singapore, Singapore)
- Construction Estimating (2008, Tsinghua University, China)
- Engineering Economy (2006, Tsinghua University, China)

## **SERVICE**

### **Internal Service**

2025-	Director of Postgraduate Project Management Programs
2024-	School Responsible Academic Officer for Misconduct
2024-	Member of Faculty Research Degree Committee
2024-	School Higher Degree Research Coordinator
2022	Member of University Academic Board
2022-2023	Member of DAB Faculty Board
2021-	School Short Forms of Learning Coordinator
2021-	DAB Representative on Faculty Board in Business
2021-2022	Member of Faculty New Product Committee
2019-2022	Member of Faculty Curriculum Committee

2019-2022 Member of Faculty Teaching and Learning Quality Committee  
2019-2020 Director of Postgraduate Project Management Programs  
2017-2019 Associate Director of Postgraduate Project Management Programs  
2017-2018 Member of Faculty Student Assessment Review Committee  
2015-2016 Member of School International and Development Working Group  
2015-2016 School Student Academic Conduct Officer

### **Journal Editor/Editorial Board Member**

2023- Associate Editor, Humanities and Social Sciences Communications  
2023- Australian Editor, International Journal of Project Organisation and Management  
2022- Editorial Board Member & Section Board Member, Buildings  
2020- Department Editor, Project Management Journal

### **Journal Guest Editor**

2024-2025 International Journal of Construction Management, Special Issue "Towards Efficient and Sustainable Construction Project Management: Leveraging AI and Disruptive Technologies"  
2023-2024 Buildings, Special Issue "Achieving Carbon Neutrality in Urban Infrastructure Development"  
2023-2024 Built Environment Project and Asset Management, Special Issue "Public Private Partnerships: Past, Present and Future"  
2022-2023 Buildings, Special Issue "Tradition and Innovation in Construction Project Management"

### **Member of Editorial Advisory/Review Board**

2022- Special Corresponding Expert, Frontiers of Engineering Management  
2017-2023 International Journal of Project Organisation and Management  
2017- Built Environment Project and Asset Management

### **Regular/Ad Hoc Reviewer for International Journals**

- 102 peer reviews on [ORCID](#)
- 89 peer reviews on [Web of Science](#)

2024- International Journal of Building Pathology and Adaptation  
2024- Public Management Review  
2024- Healthcare Analytics  
2024- Australian Journal of Public Administration  
2023- Developments in the Built Environment  
2023- Journal of Management Studies  
2023- Journal of Global Operations and Strategic Sourcing  
2021- Project Leadership & Society  
2020- Complexity  
2020- IEEE Transactions on Engineering Management  
2020- International Journal of Health Planning and Management  
2019- Frontiers in Built Environment  
2019- International Journal of Procurement Management  
2019- SAGE Open  
2018- Research in Transportation Economics  
2018- Advances in Civil Engineering

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

### **Member of Conference Advisory/Scientific/Organisation Committee**

2022 45th AUBEA Conference, Sydney, Australia  
2021 PPP Academic Webinar funded by ASSA, UTS, Australia  
2021 PPP Industry Workshop funded by ASSA, UTS, Australia  
2020 Asia-Pacific Project Studies (APPS) Conference 2020, UTS, Australia (Online)  
2019 43rd AUBEA Conference, Noosa, Australia  
2019 CIB World Building Congress, Hong Kong, China  
2017 Int. Conference on Innovative Production and Construction, Perth, Australia  
2015 International Conference on Building Resilience, Newcastle, Australia

### **Reviewer for International Conferences**

2024 IRNOP 2024, KTH, Stockholm, Sweden  
2022 45th AUBEA Conference, Sydney, Australia  
2022 CIB World Building Congress, Melbourne, Australia

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

### **Professional Service**

2023 External Examiner, PhD Thesis, University of Newcastle, Australia  
2022- Onsite Visit Team Member, PMI Global Accreditation Center  
2022 External Examiner, PhD Thesis, Curtin University, Australia  
2020- Communications Coordinator of CIB W122 - Public Private Partnership  
2020- Research Associate, Australia-China Relations Institute  
2020- Assessor, Australian Research Council, Australia  
2020- Assessor, Makerere University Research and Innovations Fund, Uganda  
2020-2023 Advisory Board Member of Construction Management Discipline, Suzhou University of Science and Technology, China  
2019 External Examiner, PhD Thesis, RMIT University, Australia  
2018-2019 Visiting Research Director, Jumbo Consulting, Shanghai, China  
2018-2021 Guest Professor, School of Economics and Management, Chang'an University, China  
2018-2021 Contributing Specialist, Central University of Finance and Economics, China  
2017- Member of MB012 - Project, Programme and Portfolio Management, Standards Australia  
2016-2023 Contributing Specialist, Center for Public-Private Partnership, Tsinghua University, China  
2015 External Examiner, Final Year Dissertation, University of South Australia, Australia

### **CONNECT WITH ME**

- UTS Profile: <https://profiles.uts.edu.au/yongjian.ke>
- Google Scholar: <https://scholar.google.com/citations?user=8hby4hcAAAAJ>
- ORCID: <https://orcid.org/0000-0003-3426-703X>
- Web of Science: <https://www.webofscience.com/wos/author/record/C-6071-2014>
- ResearchGate: <https://www.researchgate.net/profile/Yongjian-Ke>
- Scopus: <https://www.scopus.com/authid/detail.uri?authorId=26021857400>