

YONGJIAN KE

Associate Professor of Project Management
School of Built Environment, University of Technology Sydney, Australia
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EDUCATION

- 2005.09 - 2010.07, Doctor of Philosophy (Management Science and Engineering)
Department of Civil Engineering, Tsinghua University, China
Thesis: Equitable Risk Allocation for Public-Private Partnership Projects in China
Supervisors: Prof ShouQing Wang and Prof Albert Chan (Hong Kong Polytechnic University)
- 2001.09 - 2005.07, Bachelor of Engineering (Project Management)
Department of Construction Management, Tsinghua University, China

EMPLOYMENT

- 2022.01 - Current, Associate Professor of Project Management
School of Built Environment, University of Technology Sydney, Australia
- 2016.09 - 2021.12, Senior Lecturer in Project Management
School of Built Environment, University of Technology Sydney, Australia
- 2013.06 - 2016.08, Lecturer in Construction Management
School of Architecture & Built Environment, University of Newcastle, Australia
- 2010.07 - 2013.05, Research Fellow
Department of Building, National University of Singapore, Singapore
- 2007.03 - 2008.06, Research Assistant
Department of Building and Real Estate, Hong Kong Polytechnic University, China

HONORS & AWARDS

- 2020 DAB Awards for Excellence - Publications, University of Technology Sydney, Australia
- 2020 Outstanding Contribution Award, 7th Infrastructure Research & Innovation Competition, China
- 2016 Outstanding Contribution in Reviewing, International 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, UK
- 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
- 2010 Outstanding Young Researcher Award, Tsinghua University, China
- 2009 Outstanding Young Researcher Award, Tsinghua University, China
- 2009 Outstanding Teaching Assistant Award, Tsinghua University, China
- 2009 Outstanding Graduate Student Award, Tsinghua University, China
- 2008 Outstanding Graduate Student Award, Tsinghua University, China
- 2006 Outstanding Graduate Student Award, Tsinghua University, China

RESEARCH INTERESTS

- Project Delivery: Public-Private Partnership, Build-Operate-Transfer, Alliance, Partnering
- Project Management: Procurement Management, Risk Management, Stakeholder Management
- Contracting Behaviour: Relational Contracting, Psychological Contracts, Network Governance
- Social Sustainability: Social Licence to Operate, Community Acceptance, Social Media Use
- Infrastructures: Megaprojects, Transportation, Aged Care, Smart Cities, Social Infrastructure

CERTIFICATION

- 2018.10, World Bank Group / APMG Certified PPP Professional (CP3P) Preparation, Certificate Number: 0424770101D34G
- 2017.06, World Bank Group / APMG Certified PPP Professional (CP3P) Foundation, Certificate Number: 0236103601E2VG

GRANTS

- 2023 General Research Grant, National Natural Science Foundation of China, CNY 410,000
- 2022 General Research Grant, National Natural Science Foundation of China, CNY 460,000
- 2022 High-End Foreign Expert Project, Ministry of Science and Technology of China, CNY 300,000
- 2021 UTS:ACRI Research Grant, Australia China Relations Institute, AUD 5,000
- 2020 General Research Grant, National Natural Science Foundation of China, CNY 500,000
- 2020 PGCS 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, University of Technology Sydney, AUD 2,500
- 2019 Western Research Grant, National Social Science Fund of China, CNY 200,000
- 2019 DAB Research Outputs Support Scheme, University of Technology Sydney, AUD 2,500
- 2018 General Research Grant, National Social Science Fund of China, CNY 200,000
- 2017 Learner Experience Design Grant, University of Technology Sydney, AUD 2,000
- 2017 DAB Research Outputs Support Scheme, University of Technology Sydney, AUD 1,800
- 2017 Faculty Strategic Pilot Grant, University of Newcastle, AUD 15,500
- 2016 DAB Conference Travel Grant, University of Technology Sydney, 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 General 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

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

- 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
- 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
- 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
- Ke, Y. *Public Perceptions of Chinese Investment in Australian Infrastructure: A Twitter Study*, Australia China Relations Institute, 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

- 1) Ke, Y., Zhang, J., & Philbin, S.P. (2023). *Tradition and Innovation in Construction Project Management*. MDPI Books. (Hardback ISBN 978-3-0365-8114-9, PDF ISBN 978-3-0365-8115-6)
- 2) Ke, Y., & Ye, J. (2018). *Public-Private Partnerships in Australia*. Tsinghua University Press. (Chinese, ISBN: 9787302497394)
- 3) Ke, Y., & Wang, S. (2011). *Concession Project Financing (PPP): Risk Allocation and Management*. Tsinghua University Press. (Chinese, ISBN: 9787302263371, 5th printing in March 2017)
- 4) Wang, S., & Ke, Y. (2008). *Concession Project Financing (BOT/PFI/PPP)*. Tsinghua University Press. (Chinese, ISBN: 9787302176596, 11th printing in March 2017)

Book Chapters

- 1) Feng, K., Ke, Y., & Qi, X. (2024). Risk Management in Public-Private Partnerships. In *Public-Private Partnership Theory and Practice* (pp. 82-113). China Science Publishing & Media.
- 2) Ninan, J., Ke, Y., Sankaran, S., Mathur, S., Vuorinen, L., & Devkar, G. (2022). Social Media for Improving Metro Rail Project Operations. In *Social Media for Project Management*. CRC Press. (ISBN: 9781003215080)
- 3) Xie, J., Wang, S., Jefferies, M., & Ke, Y. (2016). Public-Private Partnerships (PPPs) in China: The Past, Present and Future. In *New Forms of Procurement: PPP and Relational Contracting in the 21st Century* (pp. 216–234). Routledge. (ISBN: 9781138796126)
- 4) Ke, Y., & Wang, S. (2015). Public Private Partnership Development in China. In *Public Private Partnerships: A Global Review* (pp. 74–88). Routledge. (ISBN: 9780415728966)
- 5) Ke, Y. (2014). Project Financing. In *Construction Management Research Fronts and Trends* (pp. 48–68). China City Press. (Chinese, ISBN: 9787507429336)
- 6) Wang, S., Ke, Y., & Xie, J. (2012). Public-Private Partnership Implementation in China. In *Taking Stock of PPP and PFI Around the World* (pp. 29–36). Certified Accountants Educational Trust. (ISBN: 9781859084755)
- 7) Wang, S., & Ke, Y. (2009). Laibin B Power Project: The First State Approved BOT Project in China. In *Public Private Partnerships in Infrastructure Development—Case Studies from Asia and Europe* (pp. 101–129). Bauhaus-Universitat Weimar. (ISBN: 9783860683828)

Journal Papers

- 1) Ke, Y., Cheng, Z., Zhang, J., & Liu, Y. (2024). Making Sense of the Definition of Public-Private Partnerships. *Built Environment Project and Asset Management*, <https://doi.org/10.1108/BEPAM-01-2023-0009>
- 2) Alborno, V., Ke, Y., & Millán, J. (2024). Public-Private Partnerships: Pro-cyclical or Counter-cyclical? An Empirical Study. *International Journal of Construction Management*, <https://doi.org/10.1080/15623599.2023.2245629>.

- 3) Bai, L., Lin, J., Zhang, L., Pan, T., Ke, Y., & Zhou, X. (2024). Modeling For Project Portfolio Synergy Benefits Measurement. *International Journal of Modelling and Simulation*, <https://doi.org/10.1080/02286203.2023.2238370>.
- 4) 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*, <https://doi.org/10.1002/sd.2654>.
- 5) Muller, R., Alix-Séguin, C., Alonderienė, R., Bourgault, M., Chmieliauskas, A., Drouin, N., Ke, Y., Wang, L., Pilkiene, M., Minelgaite, I., Šimkonis, S., Unterhitzenberger, C., Vaagaasar, A.L., & Zhu, F. (2024). A (meta)governance framework for multi-level governance of inter-organizational project networks. *Production Planning & Control*. <https://doi.org/10.1080/09537287.2022.2146018>.
- 6) 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.
- 7) 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.
- 8) Ke, Y., Zhang, J., & Philbin, S.P. (2023). Tradition and Innovation in Construction Project Management. *Buildings*, 13(6), 1537.
- 9) 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.
- 10) 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.
- 11) Unterhitzenberger, 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.
- 12) 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.
- 13) 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.
- 14) 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.
- 15) 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.
- 16) 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.
- 17) 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.
- 18) 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.
- 19) 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.

- 20) 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.
- 21) 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.
- 22) 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.
- 23) 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.
- 24) 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.
- 25) Mwelu, N., Davis, P. R., 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.
- 26) 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.
- 27) Mwelu, N., Davis, P. R., Ke, Y., & Watundu, S. (2020). Compliance Mediating Role within Road Construction Regulatory Framework. *Journal of Public Procurement*, 20(3), 209–233.
- 28) Yuan, J., Li, X., Ke, Y., Xu, W., Xu, Z., & Skibniewski, M. (2020). Developing a Building Information Modeling-based Performance Management System for Public-Private Partnerships. *Engineering, Construction and Architectural Management*, 27(8), 1727–1762.
- 29) 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.
- 30) 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(22), 6436.
- 31) 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.
- 32) 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.
- 33) 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(5), 1338.
- 34) 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.
- 35) 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)
- 36) 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)
- 37) 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.
- 38) Mwelu, N., Davis, P. R., Ke, Y., & Watundu, S. (2018). Compliance within a Regulatory Framework in Implementing Public Road Construction Projects. *Construction Economics and Building*, 18(4), 1–23.

- 39) 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)
- 40) 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.
- 41) Davis, P. R., Jefferies, M., & Ke, Y. (2017). Psychological Contracts: Framework for Relationships in Construction Procurement. *Journal of Construction Engineering and Management*, 143(8), 04017028.
- 42) 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.
- 43) 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.
- 44) Ke, Y., Davis, P. R., & Jefferies, M. (2016). A Conceptual Model of Psychological Contracts in Construction Projects. *Construction Economics and Building*, 16(3), 20–37.
- 45) 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.
- 46) Chan, A. P. C., Lam, P. T. I., Wen, Y., Ameyaw, E. E., Wang, S., & Ke, Y. (2015). Cross-Sectional Analysis of Critical Risk Factors for PPP Water Projects in China. *Journal of Infrastructure Systems*, 21(1), 04014031.
- 47) 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.
- 48) 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.
- 49) 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.
- 50) 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.
- 51) Ling, F. Y. Y., Ke, Y., Kumaraswamy, M. M., & Wang, S. (2014). Key Relational Contracting Practices Affecting Performance of Public Construction Projects in China. *Journal of Construction Engineering and Management*, 140(1), 04013034.
- 52) Ling, F. Y. Y., Ong, S. Y., Ke, Y., Wang, S., & Zou, P. X. W. (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.
- 53) Wu, M., Tang, W. C., Ke, Y., & Luo, C. (2014). An Environmental Study on the Collapse of a Tenement Building in HK. *Advanced Materials Research*, 838–841, 2208–2211.
- 54) 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.
- 55) Ke, Y., Wang, S., & Chan, A. P. C. (2013). Risk Misallocation in Public-Private Partnership Projects in China. *International Public Management Journal*, 16(3), 438–460.
- 56) 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.
- 57) Sheng, H., Liang, W., Wang, S., & Ke, Y. (2013). PPP Project Risk Relationships Based on the Interpretive Structure Model. *Advances in Information Sciences and Service Sciences*, 5(9), 618–627.

- 58) 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(13/14), 647–666.
- 59) Ke, Y., Wang, S., & 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.
- 60) Sheng, H., Wang, & 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)
- 61) Chan, A. P. C., Yeung, J. F. Y., Yu, C. C. P., Wang, S., & 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.
- 62) Ke, Y., Wang, S., & Chan, A. P. C. (2011). Equitable Risks Allocation of Projects Inside China: Analyses from Delphi Survey Studies. *Chinese Management Studies*, 5(3), 298-310.
- 63) Ke, Y., Wang, S., 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.
- 64) 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.
- 65) 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.
- 66) Ke, Y., Wang, S., & Chan, A. P. C. (2010). Risk Allocation in Public-Private Partnership Infrastructure Projects: Comparative Study. *Journal of Infrastructure Systems*, 16(4), 343–351.
- 67) Ke, Y., Wang, S., 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.
- 68) Xu, Y., Yeung, J. F. Y., Chan, A. P. C., Chan, D. W. M., Wang, S., & 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.
- 69) 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.
- 70) Huang, T., Ke, Y., Li, & Wang, S. (2009). Comparative Analysis on Governments' Administration in PPP Model Between China and Other Countries. *Project Management Technology*, 1, 9-13. (Chinese)
- 71) Ke, Y., Wang, S., & 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)
- 72) Ke, Y., Wang, S., 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.
- 73) Ke, Y., Wang, S., & Teng, T. (2009). Risk Management of International Joint Venture. *Overseas Investment and Export Credit*, 2, 36-39. (Chinese)
- 74) Ke, Y., Zhao, X., Wang, Y., & Wang, S. (2009). Investment Decision-Making Model for Private Enterprises in Developing Infrastructure Projects. *Project Management Technology*, 2, 9-14. (Chinese)
- 75) Ke, Y., Zhao, X., Wang, Y., & Wang, S. (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.

- 76) Qi, Ke, Y., & Wang, S. (2009). Analysis of Critical Risk Factors Causing the Failures of China's PPP Projects. *China Soft Science*, 5, 107-113. (Chinese)
- 77) 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)
- 78) Ke, Y., Liu, X., & Wang, S. (2008). Equitable Financial Evaluation Method for Public-Private Partnership Projects. *Tsinghua Science and Technology*, 13(5), 702-707.
- 79) Ke, Y., & Wang, S. (2008). Application of EPC Model in International Construction Market. *International Project Contracting and Labor Services*, 10, 6-7. (Chinese)
- 80) Ke, Y., Wang, S., & 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)
- 81) Ke, Y., Wang, S., & Chan, A. P. C. (2008). Risk Allocation in Infrastructure Public-Private Partnership (PPP) Projects. *Construction Economy*, 4, 31-35. (Chinese)
- 82) Ke, Y., Zhao, X., Wang, Y., & Wang, S. (2008). SWOT Analysis of Private Enterprises in Developing Infrastructure Projects. *Commercial Research*, 12, 7-11. (Chinese)
- 83) Wang, Y., Ke, Y., & Wang, S. (2008). Changes and Trends of Political Risks in China's PPP Projects. *Construction Economy*, 12, 58-61. (Chinese)
- 84) Zhao, X., Wang, Y., Ke, Y., & Wang, S. (2008). Investment Strategies of Private Enterprises in Developing Infrastructure Projects. *Construction Economy*, 7, 58-61. (Chinese)
- 85) Ke, Y., Wang, S., & Yao, C. (2007). Research on The Monopolization of Infrastructure Concessionary Projects. *Commercial Research*, 5, 17-19. (Chinese)
- 86) Ke, Y., & Wang, S. (2006). Configuration of Internet-based Bidding System. *Construction Economy*, S1, 153-156. (Chinese)
- 87) Ke, Y., & Wang, S. (2006). Risk Management Framework Using a Linguistic Variable-based Belief Network for Construction Projects. *Chinese Journal of Management Science*, 14(S), 211-215.
- 88) Wang, S., Ke, Y., & Teng, T. (2006). Risk Management of International Construction Joint Venture. *International Project Contracting and Labor Services*, 10, 4-7. (Chinese)
- 89) Wang, S., 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, 21-24. (Chinese)

Conference Papers

- 1) Ke, Y., Tang, L., & Zhai, C. (2022). *Do Australians Dislike Chinese Investment in Australian Infrastructure Sector?* AUBEA 2022, Sydney, Australia.
- 2) 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*. EURAM 2022, Winterthur, Switzerland.
- 3) Devkar, G., Sankaran, S., Ke, Y., Ninan, J., Mathur, S., Tsang, I., & Vuorinen, L. (2021). *Data Analytics to Evaluate Public Value from Megaprojects*. 6th PMI Research and Academic Virtual Conference, India.
- 4) Ke, Y., Cheng, Z., & Liu, L. (2019). *Defining Public-Private Partnership from the Wittgenstein Family-Resemblance Philosophy*. CIB World Building Congress 2019 - Constructing Smart Cities, Hong Kong, China.
- 5) Sankaran, S., Ke, Y., Mangioni, V., & Devkar, G. (2019). *Responsible Leadership of Public Private Partnerships (PPP) Adopted in Infrastructure Projects*. 5th PMI India Research & Academic Conference, IIMK, Kozhikode, India.
- 6) Zhang, B., Wang, S., Ke, Y., & Feng, K. (2019). *Drivers of Private Sector Participation in PPP: Impact of Contract Characteristics in China*. CIB World Building Congress 2019 - Constructing Smart Cities, Hong Kong, China.

- 7) Liu, J., Sankaran, S., Ke, Y., & Xu, X. (2018). *Developing a Value Capture Index for Social Infrastructure Public-Private Partnership Projects*. IRNOP 2018, Melbourne, Australia.
- 8) Xu, X., Sankaran, S., & Ke, Y. (2018). *An Investigation of the Relationship between Opportunism and Innovation during the Build Phase in PPP Projects*. EURAM 2018, Reykjavik, Iceland.
- 9) Xu, X., Sankaran, S., Ke, Y., & Liu, J. (2018). *Opportunism Forms of Public-Private Partnership Projects in China: Principal-Agent Relationship Perspective*. IRNOP 2018, Melbourne, Australia.
- 10) Devkar, G., Sankaran, S., & Ke, Y. (2017). *Evaluation of PPP projects in Australia and India: An Information Asymmetry Perspective*. PMI India Research and Academic Conference 2017, New Delhi, India.
- 11) Ke, Y. (2017). *Psychological Contracts in Construction: Two Case Studies*. 2017 International Conference on Innovative Production and Construction, Perth, Australia.
- 12) Ke, Y., Jefferies, M., & Davis, P. R. (2016). *A Comparison of Public Private Partnership Environment between Australia and China*. 21st International Conference on Advancement of Construction Management and Real Estate, Hong Kong, China.
- 13) Jefferies, M., Davis, P. R., & Ke, Y. (2015). *An Investigation of Psychological Contracts in Construction Procurement*. 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.
- 14) Jin, X., Zhang, G., Ke, Y., & Xia, B. (2015). *Factors Influencing Transaction Costs in Construction Projects: A Critical Review*. 20th International Symposium on Advancement of Construction Management and Real Estate, Hangzhou, Zhejiang, China.
- 15) Ke, Y., Gajendran, T., & Davis, P. R. (2015). *Relational Contracting in the Construction Industry: Mapping Practice to Theory*. 2015 Architectural Engineering Institute Conference, Milwaukee, Wisconsin, USA.
- 16) 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*. 2015 RICS COBRA AUBEA, Sydney, Australia.
- 17) Jefferies, M., Rowlinson, S., Kumaraswamy, M. M., & Ke, Y. (2014). *Using Public Private Partnerships (PPPs) for the Procurement of Public Hospitals*. CIB W055, W065, W089, W118, TG76, TG78, TG81 - Construction in a Changing World, Heritance Kandalama, Sri Lanka.
- 18) Jin, X., Zuo, J., Xia, B., & Ke, Y. (2014). *A Theoretical Framework for Reducing Tendering Costs in the Procurement of Infrastructure Projects*. ICEC 2014 - IX World Congress: Re-Engineering Total Cost Management, Milan, Italy.
- 19) Ke, Y., Hao, W., & Wang, Y. (2014). *A Feasibility Study of the Implementation of Relational Contracting in China's Public Projects*. 8th China Engineering Management Forum, Beijing, China.
- 20) Xia, B., Zuo, J., Wu, P., & Ke, Y. (2014). *Sustainable Construction Trends in Journal Papers*. 19th International Symposium on Advancement of Construction Management and Real Estate, Chongqing, China.
- 21) Ke, Y., Ling, F. Y. Y., & Wang, S. (2013). *Effects of Relationships on Public Project Delivery Process in China: A Case Study*. 38th Australian Universities Building Education Association Conference, Auckland, New Zealand.
- 22) Ke, Y., Ling, F. Y. Y., Wang, S., 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*. 2013 Architectural Engineering Institute Conference, State College, PA, USA.
- 23) Ke, Y., Ling, F. Y. Y., Zou, P. X. W., Wang, S., & Kumaraswamy, M. M. (2012). *Positive and Negative Factors Influencing the Implementation of Relational Contracting in Public Construction Projects in Australia*. CIB W055, W065, W089, W118, TG76, TG78, TG81, TG84 - Management of Construction: Research to Practice, Montreal, Canada.
- 24) Ke, Y., Ling, F. Y. Y., Kumaraswamy, M. M., Wang, S., Zou, P. X. W., & Ning, Y. (2011). *Are Relational Contracting Principles Applicable to Public Construction Projects?* 2011 RICS COBRA, Salford, UK.

- 25) Ke, Y., Wang, S., & Chan, A. P. C. (2011). *Equitable Risk Allocation in Chinese Public-Private Partnership Power Projects*. 1st International Conference on Sustainable Construction & Risk Management, Chongqing, China.
- 26) Ling, F. Y. Y., Chua, M. H., & Ke, Y. (2011). *Diversity Management: Managing Migrant Construction Workers on Construction Sites in Singapore*. CIB W055, W065, W089, W118, TG76, TG78, TG81 - Management and Innovation for a Sustainable Built Environment, Amsterdam, The Netherlands.
- 27) 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*. 2010 CIB World Building Congress.
- 28) 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*. Fifth International Structural Engineering and Construction Conference, Las Vegas, Nevada, USA.
- 29) Ke, Y., Wang, S., & Chan, A. P. C. (2009). *Public-Private Partnerships in China's Infrastructure Development: Lessons Learnt*. CIB W096, W104, TG53 - Changing Roles: New Roles, New Challenges, Noordwijk aan Zee, The Netherlands.
- 30) Ke, Y., Wang, S., & Chan, A. P. C. (2009). *Risk Allocation and Management of PPP Infrastructure Projects*. 8th China-International Construction Project Management Summit Meeting, Jinan, China. (Chinese)
- 31) 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*. CIB W092, W107, TG63 - Building Abroad: Procurement of Construction and Reconstruction Projects in the International Context, Montreal, Canada.
- 32) Ke, Y., Wang, S., Chan, A. P. C., & Li, Z. (2008). *Changes of Political Risks in China's PPP Projects*. 6th National Civil Engineering Forum for Graduate Students, Beijing, China. (Chinese)
- 33) Wang, S., & Ke, Y. (2008). *Risk Management of Infrastructure Projects in China with Case Study of the National Stadium*. Inaugural Conference on Construction Law and Economics Circle in Asia and Pacific, Kyoto, Japan.
- 34) Ke, Y., Wang, S., & Chan, A. P. C. (2007). *Developing a Quantitative Risk Allocation Mechanism for Public-Private Partnership (PPP) Projects in the PRC: A Research Framework*. 2007 International Conference on Concession Public/Infrastructural Projects, Dalian, China. (Chinese)

Thesis

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

Monographs/Working Papers

- 1) Ke, Y. (2018). Public-Private Partnerships in Australia: History and Application. *Reference for PPP Decision Making*, (3), 1-8. (Chinese)
- 2) Ke, Y. (2018). Public-Private Partnerships in Australia: Regulatory Framework. *Reference for PPP Decision Making*, (4), 9-21. (Chinese)
- 3) Ke, Y. (2018). What is a True Public-Private Partnership Project? *Reference for PPP Decision Making*, (26), 1-9. (Chinese)
- 4) Ke, Y., Zhang, L., & Zhou, B. (2018). *A Cross-Country Comparison of Public-Private Partnerships Environment and Applications*. Jumbo Consulting. (Chinese)
- 5) Bannister, P., & Ke, Y. (2017). A Review of PPP Projects in NSW Australia: Are PPPs Really Value for Money? *Reference for PPP Decision Making*, (40), 1-9. (Chinese)
- 6) Ling, F. Y. Y., Teo, A., Ke, Y., & Ning, Y. (2013). *Boosting Public Construction Project Outcomes through Relational Transactions*. National University of Singapore.

- 7) Ke, Y., & Wang, S. (2009). Current Implementation of Risk Management in China's PPP Projects. *Jumbo Newsletter*, (4), 18-22. (Chinese)
- 8) Wang, S., & Ke, Y. (2009). Reasons and Revelation of Taiwan High Speed Rail's Failure. *Jumbo Newsletter*, (11), 10-11. (Chinese)
- 9) Wang, S., & Ke, Y. (2008). Application and Experience of BOT/PPP in China. *Invest Beijing*, 10, 82-83. (Chinese)

RESEARCH METRICS

Google Scholar Metrics (as of 3 November 2023)

▪ Citations:	6635	(all)	4090	(since 2018)
▪ h-index:	34	(all)	26	(since 2018)
▪ i10-index:	63	(all)	54	(since 2018)

Highly Cited Individual Papers

- "Evaluation of Sustainable Transport Research in 2000-2019" was an ESI Highly Cited Paper (accessed on 12 September 2021)
- "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

Mentioned by Journal Papers

- 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% scientists of building & construction discipline in the single year of 2022
- *"Review of risk management studies in public-private partnerships: a scientometric analysis"* in the International Journal of Construction Management in 2023: I was 3rd most collaborative researcher; two papers were in the top 10 high-impact articles, i.e. #3 and #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 #11 most cited paper of PPP in water sector
- *"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 papers, i.e. #1, #2, #5, #6 and #8
- 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% scientists of building & construction discipline in the single year of 2019
- *"Comprehensive Metrological and Content Analysis of the Public-Private Partnerships (PPPs) Research Field: a New Bibliometric Journey"* in Scientometrics in 2020: I was 7th influential author; four papers were in the top 20 most cited papers, i.e. #4, #6, #7 and #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 papers, i.e. #1, #4, #5, #7 and #8
- *"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 top 15 most cited articles, i.e. #1, #2, #5, #7 and #10
- *"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 in the top 10 most cited papers, i.e. #9
- *"A Review of Emerging Trends in Global PPP Research: Analysis and Visualization"* in Scientometrics in 2016: I was ranked 4th most productive author

Mentioned by Policy Sources (from Altmetric Data)

- *"Critical Success Factors for PPPs in Infrastructure Developments: Chinese Perspective"* was cited by the Publications Office of the European Union on 04 May 2021
- *"Developing a risk assessment model for PPP projects in China - A fuzzy synthetic evaluation approach"* was cited by the Inter-American Development Bank on 01 May 2021
- *"Spatio-temporal dynamics of public private partnership projects in China"* was cited by Asian Development Bank on 23 December 2020
- *"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 on 24 July 2020
- *"Understanding the risks in China's PPP projects: ranking of their probability and consequence"* was cited by Institut Français des relations international on 11 Dec 2013, the International Institute for Sustainable Development on 01 April 2015, and World Bank on 24 Jul 2020
- *"Risk Allocation in Public-Private Partnership Infrastructure Projects: Comparative Study"* was cited by Asian Development Bank on 31 May 2019
- *"Preferred risk allocation in China's public-private partnership (PPP) projects"* was cited by Asian Development Bank on 31 May 2019

- *"Empirical Study of Risk Assessment and Allocation of Public-Private Partnership Projects in China"* was cited by the International Institute for Sustainable Development on 01 April 2015, and Asian Development Bank on 07 May 2015
- *"Risk Misallocation in Public-Private Partnership Projects in China"* was cited by the International Institute for Sustainable Development on 01 April 2015
- *"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) on 01 May 2013

INVITED TALKS

- Social Media Use in Project Management – Several Examples. Chang'an University, China, December 2022. (Online, Chinese)
- Conventional and Unconventional Project Supervision for Infrastructures. Zhejiang University of Finance and Economics, China, November 2022. (Online, Chinese)
- Public-Private Partnerships – Introduction, Case Studies and Research. Chang'an University, China, November 2022. (Online, Chinese)
- Publishing in Project Management Journal. Chongqing University, China, October 2022. (Online, Chinese)
- Perceptions of Chinese Investment in Australian Infrastructure - A Twitter Study. ACRI Research Workshop, Australia-China Relations Institute, Sydney, Australia, July 2022.
- Public-Private Partnerships – Introduction and Case Studies. Suzhou University of Science and Technology, China, May 2022. (Online, Chinese)
- 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)
- Social Media Use in Project Management - An Exploratory Study of Multiple Transport Projects. Project and Program Management Symposium 2021, Canberra, Australia, August 2021. (Online)
- Unconventional Project Supervision - The Case of Sydney CBD and Southeast Light Rail Project. Suzhou University of Science and Technology, China, December 2020. (Online, Chinese)
- A Critical International Perspective on Value in Public-Private Partnerships. 2020 China PPP 30 Forum, Shanghai University, Shanghai, China, November 2020. (Online, Chinese)
- Areas for Collaborative Research in Public-Private Partnerships. Chinese University Association of PPP Initiatives, Tsinghua University, Beijing, China, October 2020. (Online, 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. (Online, 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 Southeast Light Rail Project. Shanghai Urban Construction Group, Shanghai, China, September 2019. (Online, 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, Xi'an University of Architecture and Technology, Shaanxi, 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

Higher Degree Research

- Ms Juanwen Liu, University of Technology Sydney, Co-supervised PhD Student, July 2017 - Current, China Scholarship Council – UTS PhD Scholarship, Principal Supervisor: Prof Shankar Sankaran, *Enhancing Value Co-creation in Social Infrastructure Public Private Partnership Projects*
- Dr Kun Wang, University of Technology Sydney, PhD Student, February 2019 – February 2023, International Research Training Program Scholarship, Co-supervisor: Prof Shankar Sankaran, *Social Sustainable Development of China's Aged Care Public-Private Partnership Projects*, Most Potential Award in the 7th Infrastructure Research and Innovation Competition in China, Currently a Lecturer, Ningbo University, China
- Dr Xiaohang Xu, University of Technology Sydney, Co-supervised PhD Student, July 2016 – November 2022, China Scholarship Council – UTS PhD Scholarship, Principal Supervisor: Prof Shankar Sankaran, *An Investigation of the Relationship between Opportunism and Innovation in Public-Private Partnership (PPP) Projects*
- Dr Noah Mwelu, University of Newcastle, Co-supervised PhD Student, May 2016 – February 2020, International Research Training Program Scholarship, Principal Supervisor: Prof Peter Davis, *Compliance and Regulatory Framework in Public Procurement of Public Road Construction Projects in Uganda*, Currently a Senior Lecturer, Makerere University Business School, Kampala, Uganda

Visiting Scholars/Students

- Ms Kun Wang, Lecturer, Ningbo University, China, Visited University of Technology Sydney from February to July 2018
- Mr Zilong Zhang, PhD graduate, Tsinghua University, China, Visited University of Newcastle from March to August 2015

Undergraduate Capstone Projects

- One student in 2017, University of Technology Sydney, FEIT Capstone Project
- Eleven students in 2016, University of Newcastle, Research in the Built Environment
- Eleven students in 2015, University of Newcastle, Research in the Built Environment
- Nine students in 2014, University of Newcastle, Research in the Built Environment

TEACHING

University of Technology Sydney, Australia

15319 Project Risk, Procurement and Quality Management - Postgraduate, Coordination and Teaching

- 2023 Spring, four-day block, on-campus, 31 students
- 2023 Autumn, four-day block, on-campus, 20 students
- 2022 Spring, four-day block, blended (connecting online students from the classroom via Zoom), 16 students
- 2022 Autumn, four-day online block with one on-campus group discussion workshop, 16 students
- 2021 Spring, two two-day blocks, online, 11 students
- 2021 Autumn, fortnightly 3hr evening lecture sessions (online), weekly 1hr consultation sessions (online), one-day group discussion workshop (on-campus), blended, 19 students
- 2020 Spring, fortnightly 3hr evening sessions, online, 28 students
- 2020 Autumn, gateway-type modules, online, 27 students
- 2019 Spring, four-day block, on-campus, 26 students
- 2019 Autumn, four-day block, on-campus, 35 students
- 2018 Autumn, four-day block, on-campus, 36 students
- 2017 Spring, four-day block, on-campus, 25 students
- 2017 Autumn, four-day block, on-campus, 35 students
- 2016 Spring, no coordination, four-day block, on-campus, 43 students

15115 Advances in Project Management - Postgraduate, Coordination and Teaching

- 2023 Spring, fortnightly 3 hr evening sessions, on-campus, 13 students
- 2022 Spring, fortnightly 3hr evening sessions, blended (connecting online students from the classroom via Zoom), 13 students
- 2021 Spring, fortnightly 3hr evening sessions, online, 31 students
- 2020 Spring, fortnightly 3hr evening sessions, online, 30 students
- 2019 Spring, fortnightly 3hr evening sessions, on-campus, 14 students

15317 Advanced Project Risk Management - Postgraduate, Coordination and Teaching

- 2023 Autumn, four-day block, on-campus, 12 students
- 2022 Autumn, four-day block, blended (connecting online students from the classroom via Zoom), 11 students
- 2021 Autumn, fortnightly 3hr evening lecture sessions (online), weekly 1hr consultation sessions (online), one-day group discussion workshop (on-campus), blended, 21 students
- 2020 Autumn, gateway-type modules, online, 15 students
- 2019 Autumn, four-day block, on-campus, 25 students

- 2018 Autumn, four-day block, on-campus, 21 students
- 2017 Autumn, four-day block, on-campus, 60 students

15327 Managing Project Complexity – Postgraduate, Coordination

- 2022 Autumn, four-day block, blended (connecting online students from the classroom via Zoom), 16 students
- 2021 Autumn, four-day block, blended (connecting online students from the classroom via Zoom), 23 students
- 2020 Autumn, four-day block, online, 26 students
- 2019 Autumn, four-day block, on-campus, 44 students
- 2018 Autumn, four-day block, on-campus, 39 students
- 2017 Autumn, four-day block, on-campus, 57 students

15310 Project Integration Management – Postgraduate, Coordination

- 2023 Autumn, four-day block, on-campus, 9 students

15362 Managing Project Contracts – Postgraduate, Coordination

- 2023 Spring, four-day block, on-campus, 24 students

University of Newcastle, Australia

ARBE6407 Project Closure - Postgraduate, Coordination and Teaching

- 2016 T2, Weekly Lectures, Online, 12 Students
- 2015 T2, Weekly Lectures, Online, 20 Students
- 2014 T2, Weekly Lectures, Online, 24 Students

ARBE2309 Construction Procurement and Tendering - Undergraduate, Coordination and Teaching

- 2016 S2, Weekly Lectures, Online & On-campus, 130 Students
- 2015 S2, Weekly Lectures, Online & On-campus, 149 Students

ARBE3305 Infrastructure Development - Undergraduate, Coordination and Teaching

- 2015 S2, Weekly Lectures, Online & On-campus, 161 Students
- 2014 S2, Weekly Lectures, Online & On-campus, 158 Students
- 2013 S2, Weekly Lectures, Online & On-campus, 138 Students

ARBE4303 Facilities Management - Undergraduate, Coordination and Teaching

- 2016 S2, Weekly Lectures, Online & On-campus, 313 Students
- 2016 S1, Weekly Lectures, Online & On-campus, BCA Singapore only, 9 Students
- 2015 S2, Weekly Lectures, Online & On-campus, 166 Students
- 2014 S2, Weekly Lectures, Online & On-campus, 94 Students
- 2013 S2, Weekly Lectures, Online & On-campus, 146 Students

Tsinghua University, China

Teaching Assistant, On Campus, Traditional Weekly Teaching Mode

- 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

Guest Lecturer - Master of Engineering in International Construction and Project Management

- 2021/2022 S1, Corporate and Project Finance, Two sessions on PPPs, Online, 17 Students

National University of Singapore, Singapore

PF2108 Project Cost Management - Undergraduate, Tutor

- 2012/2013 S2, On Campus, Traditional Weekly Teaching Mode, 140 Students
- 2011/2012 S2, On Campus, Traditional Weekly Teaching Mode, 140 Students

Chang'an University, China

Guest Lecturer, On Campus, Blended Teaching and Intensive Block Mode

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

Chongqing University, China

Guest Lecturer - Master of Engineering in International Construction and Project Management

- 2023/2024 S1, Five sessions on PPPs, Online, 40 Students
- 2021/2022 S1, Five sessions on PPPs, Online, 17 Students

INTERNAL SERVICE

University of Newcastle

- 2015.01 - 2016.08, Member of International and Development Working Group in the School
- 2015.01 - 2016.08, School Student Academic Conduct Officer

University of Technology Sydney

- 2022.06 – 2022.12, Member of Academic Board
- 2022.01 - Current, Member of Faculty Board
- 2021.02 - Current, Short Forms of Learning Coordinator
- 2021.02 - Current, Member of Faculty New Product Committee
- 2021.02 - Current, DAB representative, Faculty Board in Business School
- 2020.01 - Current, Research Associate, Australia-China Relations Institute
- 2019.07 - 2020.12, Director of Postgraduate Project Management Programs
- 2017.07 - 2019.06, Associate Director of Postgraduate Project Management Programs
- 2019.07 - 2022.12, Member of Faculty Curriculum Committee
- 2019.07 - 2022.12, Member of Faculty Teaching and Learning Quality Committee
- 2017.01 - 2018.06, Member of Faculty Student Assessment Review Committee

EXTERNAL SERVICE

Journal Editor

- 2023 - Current, Australian Editor, International Journal of Project Organisation and Management
- 2023 - Current, Guest Editor, Buildings, SI "Achieving Carbon Neutrality in Urban Infrastructure Development"
- 2022 - Current, Guest Editor, Built Environment Project and Asset Management, SI "Public Private Partnerships: Past, Present and Future"
- 2022 - Current, Editor, Buildings
- 2022 - 2023, Guest Editor, Buildings, SI "Tradition and Innovation in Construction Project Management"
- 2020 - Current, Department Editor, Project Management Journal

Member of Editorial Advisory/Review Boards

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

Regular/Ad Hoc Reviewer for International Journals

- 2023 - Current, Journal of Management Studies
- 2023 - Current, Journal of Global Operations and Strategic Sourcing
- 2021 - Current, Project Leadership & Society
- 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/Organisation Committees

- 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, Online, Australia
- 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

- 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 International Conference on Advances in Energy and Environmental Science, China
- 2014, 19th CRIOCM, China

Service in the Professional Community

- 2023, External Examiner, PhD Thesis, School of Architecture and Built Environment, University of Newcastle, Australia
- 2022 - Current, Onsite Visit Team Member, PMI Global Accreditation Center for Project Management Education Programs
- 2022, External Examiner, PhD Thesis, School of Civil and Mechanic Engineering, Curtin University, Australia
- 2020 - Current, Assessor, Australian Research Council, Australia
- 2020 - 2023, Member of CIB, and Communications Coordinator of Working Commission W122 - Public Private Partnership
- 2020 - Current, Assessor, Makerere University Research and Innovations Fund, Uganda
- 2020 - Current, Advisory Board Member of Construction Management Discipline, Suzhou University of Science and Technology, China
- 2019, External Examiner, PhD Thesis, School of Engineering, RMIT University, Australia
- 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
- 2018.07 - 2019.01, Visiting Research Director, Jumbo Consulting, Shanghai, 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