# Yongjian Ke

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#### **EDUCATION**

2010 Ph.D., Management Science and Engineering, Tsinghua University, China

2005 B.Eng., Project Management, Tsinghua University, China

## **APPOINTMENTS**

2016- University of Technology Sydney, Australia

Associate Professor, School of Built Environment, 2022– Research Associate, Australia-China Relations Institute, 2020–

Senior Lecturer, School of Built Environment, 2016–22

2013–16 University of Newcastle, Australia

Lecturer, School of Architecture and Built Environment

2010–13 National University of Singapore, Singapore

Research Fellow, Department of The Built Environment

2007–08 Hong Kong Polytechnic University, Hong Kong SAR, China

Research Assistant, Department of Building and Real Estate

#### **LEADERSHIP**

#### **Teaching and Education**

Directed postgraduate project-management programs; served on faculty curriculum committee.

Led curriculum redesign and PMI re-accreditation of master's suite.

Mentored early-career academics on assessment design and scholarly teaching.

#### Research

Led or contributed to 28 competitive international research projects.

Department Editor and board member for eight leading journals; Guest Editor of five special issues. 100+ journal publications; 8000+ citations, h-index 37; Stanford Top 2 % scientist list (2020-24).

#### **Service and Engagement**

Drove university governance as HDR Coordinator, Faculty Board member, and on other committees.

Assessed professional standards – PMI GAC onsite reviews and MB012 expert for Standards Australia.

Expanded global outreach as CIB W122 communication coordinator, grant assessor and PhD theses examiner.

## **RESEARCH AREAS**

Public-Private Partnerships: governance, risk allocation, performance, stakeholder, contracts, lite PPPs
Sustainable Infrastructure: social sustainability, social licence for infrastructure, public acceptance
Industry Transformation: disruptive technologies, innovation, social media use, artificial intelligence readiness

## **GRANTS AND AWARDS**

#### **Awards and Honors**

- Merit Paper Award, 29th CRIOCM 2024, Xi'an, China.
- 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.
- 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.
- 2009–10 Outstanding Young Researcher Award, Tsinghua University, China.
- 2009 Outstanding Teaching Assistant Award, Tsinghua University, China.
- 2008-09 Outstanding Postgraduate Student Award, Tsinghua University, China.
- 2006 Outstanding Postgraduate Student Award, Tsinghua University, China.

# Competitive Grants and Fellowships<sup>1</sup>

- 2025–26 AI Readiness for Construction Project Management: A One-Year Pilot for Framework Development (AUD 10,000). Key Technology Partnerships Seed Funding Scheme, University of Technology Sydney. Lead CI.
- 2024–25 Using Digital Media to Measure Social Licence for Infrastructure Projects (AUD 10,000). UTS & Abu Dhabi University Research Partnership, University of Technology Sydney. Lead CI.
- Develop a Conceptual Framework for Assessing the Value of Information in the Era of AI (AUD 3,000). DAB Research Outputs Support Scheme, University of Technology Sydney. CI.
- 2024–25 Governing for ESG Performance in Mega-projects: An Inter-organizational Perspective (USD 50,000). PMI Sponsored Research Grant, Project Management Institute. CI.
- 2024–27 Social License for Infrastructure (SLI): Dynamic Evolution, Resilience Evaluation and Sustainable Enhancement (CNY 410,000). General Research Grant, National Natural Science Foundation of China, CI.
- 2023–26 Evaluation, Problems and Countermeasures of Social Sustainability of Home and Community-based Aged Care in the Context of Common Prosperity (CNY 30,000). General Research Grant, Zhejiang Provincial Philosophy & Social Science Planning Office. CI.
- 2023–26 Life-cycle Value Co-Creation in Infrastructure Projects: Goal, Behavior, and Governance (CNY 460,000). General Research Grant, National Natural Science Foundation of China. CI.

<sup>&</sup>lt;sup>1</sup>Roles follow Australian grant terminology: Lead-CI = first-named Chief Investigator responsible for overall project leadership, CI = Chief Investigator listed on the grant, and PI = Partner Investigator from a collaborating organisation.

- 2022–23 Collaborative Management and Optimisation of Construction Project Portfolio under Dual-Carbon Goals (CNY 300,000). High-End Foreign Expert Project, Ministry of Science & Technology of China. CI.
- 2021–22 Public Perceptions of Chinese Investment in Australian Infrastructure: A Twitter Study (AUD 5,000). Australia–China Relations Institute Research Grant, University of Technology Sydney. Lead CI.
- 2021–24 Social License to Operate of NIMBY Infrastructures: Theoretical Framework, Formative Mechanism and Dynamic Measurement (CNY 500,000). General Research Grant, National Natural Science Foundation of China. CI.
- 2020–21 Social Media Use in Project Management Multiple Case Studies of Transport Projects (AUD 10,000). Academic Grant, Project Governance & Controls Symposium. Lead CI.
- 2020–21 Governance of Inter-organizational Project Networks (USD 50,000). PMI Sponsored Research Program Grant, Project Management Institute. CI.
- 2019 Using Social Media Data to Evaluate Benefits from Urban Rail Projects in Australia (AUD 2,500). ARBE Research Grant, University of Technology Sydney. Lead CI.
- 2019–22 Big Data Based Multi-Dimensional Collaborative Governance of Competition in Internet Information Services Industry (CNY 200,000). Western Research Grant, National Social Science Fund of China. PI.
- DAB Research Outputs Support Scheme (AUD 2,500). Faculty of Design, Architecture & Building, University of Technology Sydney.
- Technology Development for Chinese Enterprises Backward in the Advanced Manufacturing Industry (CNY 200,000). General Research Grant, National Social Science Fund of China. PI.
- Designing a Collaborative Group Activity to Facilitate Mastery of Complex Concepts and Equip Students for Individual Assignments in 15327 (AUD 2,000). Learner Experience Design Grant, University of Technology Sydney. Lead CI.
- Investigating the Psychological Contract in Construction Procurement in Order to Validate a Conceptual Model (AUD 15,500). Faculty Strategic Pilot Grant, University of Newcastle. CI.
- DAB Research Outputs Support Scheme (AUD 1,800). Faculty of Design, Architecture & Building, University of Technology Sydney.
- DAB Conference Travel Grant (AUD 2,500). Faculty of Design, Architecture & Building, University of Technology Sydney.
- Identification of Unethical Behaviours in Public-Private Partnership Projects (AUD 2,500). CIBER SABE Research Grant, University of Newcastle. Lead CI.
- 2015–18 Developing a Pricing, Optimization and Adjustment Model for Waste Disposal Fee of PPP Waste-to-Energy Projects (CNY 600,000). General Research Grant, National Natural Science Foundation of China. CI.
- 2015 CIBER SABE Travel Grant (AUD 2,500). University of Newcastle.
- 2014–15 Investment of Social Capital in PPP Urban Rail Transportation Projects in China (CNY 250,000). Beijing Infrastructure Investment Co., Ltd Research Grant. Lead CI.
- Investigating the Psychological Contract in Construction Procurement in Order to Develop a Conceptual Model (AUD 15,000). Faculty Strategic Pilot Grant, University of Newcastle. CI.
- Governing Public Construction Projects through Relational Contracting Principles (AUD 10,000).

  New Staff Grant, University of Newcastle. Lead CI.
- Contextualising the Relationship Behaviour in Competitive and Non-Competitive Alliances in Australia (AUD 5,000). CIBER SABE Research Grant, University of Newcastle. Lead CI.
- 2014 CIBER SABE Travel Grant (AUD 2,500). University of Newcastle.
- 2013 CIBER SABE Travel Grant (AUD 2,500). University of Newcastle.
- 2010–13 Boosting Public Sector Construction Project Outcomes by Improving Relational Transactions (SGD

- 295,500). Academic Research Fund Tier 1 Grant, National University of Singapore. CI.
- 2008–10 Developing an Equitable Risk Sharing Mechanism for PPP Projects in China (CNY 300,000).

  NSFC/RGC Joint Research Scheme, National Natural Science Foundation of China & Research Grants Council Hong Kong. CI.
- 2007–08 Application of Public-Private Partnership in Urban Rail-Based Transportation Projects (USD 500,000). Asian Development Bank Technical Assistance Project. CI.
- 2007–08 Joint PhD Supervision Scheme with Leading Universities (HKD 120,000). The Hong Kong Polytechnic University.
- 2005–07 Improved Financial Evaluation Method Incorporating Risk Analysis for PPP/BOT Projects (CNY 150,000). General Research Grant, National Natural Science Foundation of China. CI.
- 2004–07 EU-Asia Network of Competence Enhancement on PPPs in Infrastructure Development (EUR 45,000). Asia-Link Programme, European Union. CI.

### **PUBLICATIONS**

## **Journal Articles**

- in press Dani, I., Ke, Y., & Alkilani, S. (in press). The future of project management in industry 5.0: A narrative literature review. *Project Management Journal*.
- Sun, N., Ning, Y., Ke, Y., Zheng, F., & Li, Y. (2025). Cross-boundary tensions between the project owner and project manager in value creation. *Project Management Journal*. Advance online publication. https://doi.org/10.1177/87569728251350667
- Xu, X., Wang, L., Sankaran, S., Ke, Y., & Müller, R. (2025). Does opportunism always reduce stakeholder satisfaction in public-private partnership (PPP) projects? A theory of benign opportunism. *Production Planning & Control*. Advance online publication. https://doi.org/10.1080/09537287.2024.2427645
- Zhang, S., Wang, J., Ke, Y., Li, N., & Su, Z. (2025). Exploring the impact of job satisfaction on turnover intention among professionals in the Chinese construction industry. *Engineering, Construction and Architectural Management*. Advance online publication. https://doi.org/10.1108/ECAM-11-2023-1179
- Wang, K., Ke, Y., & Sankaran, S. (2025). Achieving social sustainability in public–private partnership elderly care projects: A Chinese case study. *Buildings*, 15(17), 3202. https://doi.org/10.3390/buildings15173202
- Jiang, M., Luo, X., Xia, B., Ke, Y., Skitmore, M., & Liu, Y. (2025). Effects of emotional amplification on public perceptions of waste-to-energy incineration facilities: Evidence from a behavioral survey experiment. *Energy Efficiency*, 18, Article 70. https://doi.org/10.1007/s12053-025-10358-6
- Ke, Y., Wang, K., & Sankaran, S. (2025). How to write a literature review article in the Project Management Journal: A review of reviews. *Project Management Journal*, 56(4), 431-444. https://doi.org/10.1177/87569728251352466
- Chen, Y., Luo, X., Xu, M., Xia, B., Ke, Y., Skitmore, M., & Liu, Y. (2025). Conceptualizing the state of the art of social license to operate: A visualization-based word frequency analysis. *Environmental Science and Policy*, 171, 104163. https://doi.org/10.1016/j.envsci.2025.104163
- Bai, L., Lin, J., Zhang, L., Pan, T., Ke, Y., & Zhou, X. (2025). Modeling for project portfolio synergy benefits measurement. *International Journal of Modelling and Simulation*, 45(2), 752-772. https://doi.org/10.1080/02286203.2023.2238370
- Jiang, M., Cui, C., Xia, B., Skitmore, M., Ke, Y., & Liu, Y. (2025). Local government's intention to use public-private partnerships for infrastructure projects in China: Antecedents in a technology acceptance model. *Sustainability*, 17(6), 2451. https://doi.org/10.3390/su17062451
- Jiang, T., Xu, Z., He, X., Xia, B., Ke, Y., Skitmore, M., & Liu, Y. (2025). Evaluating the resilience of social license to operate towards NIMBY facilities: A cloud model-based approach. *Environmental Impact Assessment Review*, 112, 107808. https://doi.org/10.1016/j.eiar.2025.107808

- Zhang, S., Sunindijo, R. Y., Wang, J., Su, Z., Ke, Y., & Liu, X. (2025). The causation of design error in the construction industry: A multi-stakeholder perspective. *Journal of Performance of Constructed Facilities*, 39(1), 04024055. https://doi.org/10.1061/JPCFEV.CFENG-4862
- Wang, K., & Ke, Y. (2024). Towards sustainable development: Assessing social sustainability of Australian aged care system. *Sustainable Development*, 32(6), 7186-7200. https://doi.org/10.1002/sd.3086
- 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
- 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
- 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
- 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
- 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
- Müller, R., Alix-Séguin, C., Alonderienė, R., Bourgault, M., Chmieliauskas, A., Drouin, N., Ke, Y., Wang, L., Pilkienė, 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*, 35(10), 1043-1062. https://doi.org/10.1080/09537287.2022.2146018
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 2023 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
- 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
- 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
- Unterhitzenberger, C., Müller, R., Vaagaasar, A. L., Ke, Y., Alonderienė, R., Minelgaite, I., Pilkienė, M., Wang, L., Drouin, N., Chmieliauskas, A., Šimkonis, 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
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- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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

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- 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. https://link.pm-professor.com/WfPS4f
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- 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. https://doi.org/10.1108/ECAM-06-2019-0328
- 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
- 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
- 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
- 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
- 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
- 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
- Cheng, Z., Ke, Y., & Lin, J. (2018). 2014 yǐ lái zhōng guó PPP xīn zhèng de yí gè jiǎn yào píng gū [A brief assessment of China's new PPP policies since 2014]. *Chéng Shì Yǔ Dì Fāng Zhì Lǐ Yán Jiū* [Urban and Local Governance Review], 1, 18-33. https://link.pm-professor.com/ag7sEd
- Cheng, Z., Wang, H., Song, J., & Ke, Y. (2018). Kōng jiān duì PPP zhòng yào ma: zhōng guó PPP kōng jiān zhì lǐ jī zhì tàn suǒ [Does the spatial dimension matter to PPPs? Exploring China's PPP spatial governance mechanism]. Zhèng Fǔ Guǎn Zhì Píng Lùn [Government Regulation Review], 14, 102-115. https://link.pm-professor.com/PIEWoL
- 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
- 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.v1814.6362

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- 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
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- Social media use in project management: several examples. School of Economic and Management, Chang'an University. Xi'an, China. December.
- 2022 Public-private partnerships: introduction, case studies and research. School of Economic and Management, Chang'an University. Xi'an, China. November.
- 2022 Publishing in Project Management Journal. School of Management Science and Real Estate, Chongqing University. Chongqing, China. October.
- 2022 Perceptions of Chinese investment in Australian infrastructure: a Twitter study. Australia-China Relations Institute, University of Technology Sydney, Sydney, Australia. July.
- 2022 Public-private partnerships: introduction and case studies. School of Civil Engineering, Suzhou University of Science and Technology. Suzhou, China. May.
- 2021 Whether PPPs are applicable to the health industry: case study of the Northern Beaches Hospital in Sydney. School of Civil Engineering, Suzhou University of Science and Technology. Suzhou, China. December.
- 2020 Unconventional project supervision: The case of Sydney CBD and South East Light Rail Project. School of Civil Engineering, Suzhou University of Science and Technology. Suzhou, China. December.
- A critical international perspective on value in public-private partnerships. School of Management, Shanghai University. Shanghai, China. November.
- Areas for collaborative research in public-private partnerships. Department of Construction Management, Tsinghua University. Beijing, China. October.
- Social sustainability in hospital public-private partnerships: Case study of the Northern Beaches Hospital in Sydney. School of Urban Economics and Management, Beijing University of Civil Engineering and Architecture. Beijing, China. August.
- Implementation and lessons learnt of public-private partnerships in Australia. School of Public Administration, Xi'an University of Architecture and Technology. Xi'an, China. September.
- 2019 Unconventional project supervision: The case of Sydney CBD and South East Light Rail Project. Shanghai Urban Construction Group. Shanghai, China. September.
- 2019 *Qualitative research of public-private partnerships.* College of Civil Engineering, Nanjing Forestry University. Nanjing, China. January.
- 2019 *Implementation and lessons learnt of public-private partnerships in Australia.* School of Civil & Environmental Engineering and Geography Science, Ningbo University. Ningbo, China. January.
- 2018 *Implementation of public-private partnerships in Australia.* School of Civil Engineering, Suzhou University of Science and Technology. Suzhou, China. November.
- 2018 Implementation and lessons learnt of public-private partnerships in Australia. College of Civil Engineering, Hefei University of Technology. Hefei, China. November.
- 2018 Implementation and lessons learnt of public-private partnerships in Australia. Jumbo Consulting. Shanghai, China. November.
- 2018 Implementation and lessons learnt of public-private partnerships in Australia. School of Economic and Management, Chang'an University. Xi'an, China. November.
- 2018 Risk management of public-private partnerships in Australia. School of Management Science and Engineering, Central University of Finance and Economics. Beijing, China. November.
- Implementation and lessons learnt of public-private partnerships in Australia and research agenda.

  College of Civil Engineering, Nanjing Forestry University. Nanjing, China. November.
- Implementation and lessons learnt of public-private partnerships in Australia. School of Civil Engineering, Southeast University. Nanjing, China. November.
- 2018 Implementation and lessons learnt of public-private partnerships in Australia. School of Management, Shanghai University. Shanghai, China. November.
- 2018 Qualitative research of public-private partnerships. School of Civil Engineering and Architecture,

- Zhejiang Sci-Tech University. Hangzhou, China. May.
- The fever of public-private partnership in China. School of Architecture and Built Environment, University of Newcastle, Newcastle, Australia. March.
- 2013 Relational practices in public projects. School of Architecture and Built Environment, University of Newcastle, Newcastle, Australia. November.
- Research example: equitable risk allocation for public-private partnership projects in China. School of Civil and Environmental Engineering, Nanyang Technological University. Singapore. January.
- Topic selection, research and paper writing in management science and engineering. Department of Construction Management, Tsinghua University. Beijing, China. April.
- 2009 Risk allocation and management in China's PPP projects. Jumbo Consulting. Shanghai, China. May.

#### **CONFERENCE ACTIVITY**

#### **Keynote and Plenary Addresses**

- 2022 Conventional and unconventional project supervision for infrastructures. 2022 International Symposium on Government Regulation Theory and Policy. China Institute of Regulation Research, Zhejiang University of Finance and Economics. Hangzhou, China. November.
- Social media use in project management: an exploratory study of multiple transport projects. Project and Program Management Symposium, University of Canberra. Canberra, Australia. August.
- Research agenda for public-private partnerships. China PPP 30 Forum. School of Management, Shanghai University. Shanghai, China. November.
- Defining public-private partnership from the Wittgenstein family-resemblance philosophy. 3rd China PPP Summit, School of Economics and Management, Dalian University of Technology. Dalian, China. May.
- 2013 Changing environment for public-private partnership in China: Recommendations for international investors. Seminar on International Project Management. Department of the Built Environment, National University of Singapore. Singapore. April.

## Sessions Chaired/Moderated

2024 *CM04: Sustainable construction and development.* 29th International Symposium on Advancement of Construction Management and Real Estate (CRIOCM 2024). School of Economics and Management, Chang'an University. Xi'an, China. October.

#### **Invited Panelist**

- Meet the Editors. Panellist with Prof. Qingbin Cui, Prof. Roger Flanagan, A/Prof. Xianbo Zhao, Prof. Liyin Shen, Prof. Yuzhe Wu; Chaired by Prof. Patrick X. W. Zou. 29th International Symposium on Advancement of Construction Management and Real Estate (CRIOCM 2024). School of Economics and Management, Chang'an University. Xi'an, China. October.
- Transforming China's PPP landscape: Key changes and strategic implications from 2023 onwards.

  Panellist with Research Prof. Andreas Wibowo, Eng. Nissanka Wijeratne, and Chanaka De Silva PC;
  Chaired by Prof. Mohan Kumaraswamy, Prof. Akintola Akintoye, and Prof. Giovanni Migliaccio.

  12th World Construction Symposium, University of Moratuwa. Moratuwa, Sri Lanka. August.

## Member of Conference Advisory/Scientific/Organisation Committee

- 45th Australasian Universities Building Education Association (AUBEA 2022) conference. School of Engineering, Design & Built Environment, Western Sydney University. Sydney, Australia. November.
- Public-Private Partnership Academic Webinar, funded by the Academy of the Social Sciences in Australia. School of Built Environment, University of Technology Sydney. Sydney, Australia. June.

- Public-Private Partnership Industry Workshop, funded by the Academy of the Social Sciences in Australia. School of Built Environment, University of Technology Sydney, Sydney, Australia. June.
- 2020 Asia-Pacific Project Studies (APPS) Conference (online). School of Built Environment, University of Technology Sydney. Sydney, Australia. June.
- 2019 43rd Australasian University Building Educators Association (AUBEA 2019) Conference. School of Engineering and Technology, Central Queensland University. Noosa, Australia. November.
- 2019 CIB World Building Congress (WBC2019). Department of Building and Real Estate, Hong Kong Polytechnic University. Hong Kong SAR, China. June.
- International Conference on Innovative Production and Construction (IPC2017). School of Design and the Built Environment, Curtin University. Perth, Australia. November.
- International Conference on Building Resilience. School of Architecture and Built Environment, University of Newcastle. Newcastle, Australia. July.

#### **Reviewer for International Conferences**

- European Academy of Management (EURAM) 2025 Annual Conference. School of Economics and Management, University of Florence. Florence, Italy. June.
- 2025 CIB World Building Congress 2025. Lyles School of Civil Engineering, Purdue University. West Lafayette, IN, USA. May.
- International Research Network on Organizing by Projects (IRNOP) 2024 Conference. School of Industrial Engineering and Management, KTH Royal Institute of Technology. Stockholm, Sweden. June.
- 45th Australasian Universities Building Education Association (AUBEA 2022) Conference. School of Engineering, Design and Built Environment, Western Sydney University. Sydney, Australia. November.
- 2022 CIB World Building Congress 2022. School of Property, Construction and Project Management, RMIT University. Melbourne, Australia. June.
- 2019 43rd Australasian Universities Building Education Association (AUBEA 2019) Conference. School of Engineering and Technology, Central Queensland University. Noosa, Australia. November.
- 2019 CIB World Building Congress 2019. Department of Building and Real Estate, Hong Kong Polytechnic University. Hong Kong SAR, China. June.
- Architectural Engineering Institute (AEI) Conference 2017 "Resilience of the Integrated Building: A Community Focus." College of Architecture, University of Oklahoma. Oklahoma City, OK, USA. April.
- 2014 2nd International Conference on Advances in Energy and Environmental Science (ICAEES 2014). College of Environmental Science and Engineering, Guangzhou University. Guangzhou, China. June.
- 19th International Symposium on the Advancement of Construction Management and Real Estate (CRIOCM 2014). School of Construction Management and Real Estate, Chongqing University. Chongqing, China. November.

## **Conference Papers Presented**

- Ke, Y., Rahi, K., Xue, J., & Yang, X. (2025, June). Social licence for infrastructure: A conceptual framework and a sentiment-based measurement approach [Conference presentation]. *European Academy of Management (EURAM) 2025 Conference*, School of Economics and Management, University of Florence, Florence, Italy.
- Ke, Y., Wang, K., Xu, X., Liu, J., & Sankaran, S. (2024, October). Enhancing sustainability in public-private partnerships: An integrated framework of backcasting, forecasting, and action-oriented methods [Conference presentation]. 29th International Symposium on the Advancement of Construction Management and Real Estate (CRIOCM 2024), School of Civil Engineering, Chang'an University, Xi'an, China.

- Ke, Y., Tang, L., & Zhai, C. (2022, November). Do Australians dislike Chinese investment in the Australian infrastructure sector? [Conference presentation]. 45th Australasian Universities Building Education Association (AUBEA) Conference 2022, School of Engineering, Design and Built Environment, Western Sydney University, Sydney, Australia.
- Wang, L., Müller, R., Chmieliauskas, A., Alonderienė, R., Drouin, N., Ke, Y., ... Zhu, F. (2022, June). Balancing hierarchy and network: Governance of inter-organizational networks for projects [Conference presentation]. *European Academy of Management (EURAM) 2022 Conference*, School of Management and Law, Zurich University of Applied Sciences, Winterthur, Switzerland.
- Devkar, G., Sankaran, S., Ke, Y., Ninan, J., Mathur, S., Tsang, I., & Vuorinen, L. (2021, March).

  Data analytics to evaluate public value from megaprojects [Conference presentation]. 6th PMI South Asia Research & Academic Conference 2021, Indian Institute of Technology Bombay, Mumbai, India.
- Ke, Y., Cheng, Z., & Liu, L. (2019, June). Defining public-private partnership from the Wittgenstein family-resemblance philosophy [Conference presentation]. *CIB World Building Congress 2019 Constructing Smart Cities*, Department of Building & Real Estate, The Hong Kong Polytechnic University, Hong Kong, China.
- Zhang, B., Wang, S. Q., Ke, Y., & Feng, K. (2019, June). Drivers of private sector participation in PPP: Impact of contract characteristics in China [Conference presentation]. *CIB World Building Congress 2019 Constructing Smart Cities*, Department of Building & Real Estate, The Hong Kong Polytechnic University, Hong Kong, China.
- Sankaran, S., Ke, Y., Mangioni, V., & Devkar, G. (2019, December). Responsible leadership of public-private partnerships adopted in infrastructure projects [Conference presentation]. 5th PMI India Research & Academic Conference 2019, Indian Institute of Management Kozhikode, Kozhikode, India.
- Xu, X., Sankaran, S., Ke, Y., & Liu, J. (2018, December). Opportunism forms of public-private partnership projects in China: A principal-agent perspective [Conference presentation]. 15th International Research Network on Organizing by Projects (IRNOP) Conference 2018, School of Property, Construction & Project Management, RMIT University, Melbourne, Australia.
- Liu, J., Sankaran, S., Ke, Y., & Xu, X. (2018, December). Developing a value-capture index for social-infrastructure public-private partnership projects [Conference presentation]. 15th International Research Network on Organizing by Projects (IRNOP) Conference 2018, School of Property, Construction & Project Management, RMIT University, Melbourne, Australia.
- Xu, X., Sankaran, S., & Ke, Y. (2018, June). Relationship between opportunism and innovation during the build phase in PPP projects [Conference presentation]. *European Academy of Management (EURAM) 2018 Conference*, School of Business, Reykjavik University, Reykjavik, Iceland.
- Ke, Y. (2017, July). Psychological contracts in construction: Two case studies [Conference presentation]. *International Conference on Innovative Production and Construction 2017*, School of Civil and Mechanical Engineering, Curtin University, Perth, Australia.
- Devkar, G., Sankaran, S., & Ke, Y. (2017, September). Evaluation of PPP projects in Australia and India: An information-asymmetry perspective [Conference presentation]. *PMI India Research & Academic Conference 2017*, Indian Institute of Technology Delhi, New Delhi, India.
- Ke, Y., Jefferies, M., & Davis, P. (2016, November). A comparison of public-private partnership environments in Australia and China [Conference presentation]. 21st International Conference on the Advancement of Construction Management and Real Estate (CRIOCM 2016), Faculty of Architecture, The University of Hong Kong, Hong Kong, China.
- Ling, F. Y. Y., Ke, Y., & Ning, Y. (2015, July). Motivating and hindering factors to adopt relational norms in public projects: A comparative study of Australia and Singapore [Conference presentation]. RICS COBRA & AUBEA Joint International Construction Conference 2015, University of Technology Sydney, Sydney, Australia.
- 2015 Ke, Y., Gajendran, T., & Davis, P. R. (2015, March). Relational contracting in the construction

- industry: Mapping practice to theory [Conference presentation]. *Architectural Engineering Institute (AEI) Conference 2015*, Department of Civil, Construction and Environmental Engineering, Marquette University, Milwaukee, WI, USA.
- Jin, X., Zhang, G., Ke, Y., & Xia, B. (2015, November). Factors influencing transaction costs in construction projects: A critical review [Conference presentation]. 20th International Symposium on the Advancement of Construction Management and Real Estate (CRIOCM 2015), College of Civil Engineering and Architecture, Zhejiang University, Hangzhou, China.
- Jefferies, M., Davis, P. R., & Ke, Y. (2015, November). Psychological contracts in construction procurement [Conference presentation]. CIB International Conference "Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development" 2015, school of Built Environment and Architecture, London South Bank University, London, UK.
- Xia, B., Zuo, J., Wu, P., & Ke, Y. (2014, November). Sustainable construction trends in journal papers [Conference presentation]. 19th International Symposium on the Advancement of Construction Management and Real Estate (CRIOCM 2014), School of Construction Management and Real Estate, Chongqing University, Chongqing, China.
- Ke, Y., Hao, W., & Wang, Y. (2014, August). Zhōng guó gōng gòng xiàng mù zhōng shí shī guān xì qì yuē de kě xíng xìng fēn xī [Feasibility of implementing relational contracting in China's public projects] [Conference presentation]. 2014 Zhōng Guó Gōng Chéng Guǎn Lǐ Lùn Tán [2014 China Engineering Management Forum], Chinese Academy of Engineering, Beijing, China.
- Jin, X., Zuo, J., Xia, B., & Ke, Y. (2014, October). A theoretical framework for reducing tendering costs in infrastructure procurement [Conference presentation]. *ICEC IX World Congress on Cost Engineering, Quantity Surveying & Project Management 2014*, International Cost Engineering Council, Milan, Italy.
- Jefferies, M., Rowlinson, S., Kumaraswamy, M. M., & Ke, Y. (2014, May). Using public-private partnerships for procuring public hospitals [Conference presentation]. *CIB International Conference "Construction in a Changing World" 2014*, Department of Building Economics, University of Moratuwa, Dambulla, Sri Lanka.
- Ke, Y., Ling, F. Y. Y., Wang, S. Q., Zou, P. X. W., Kumaraswamy, M. M., & Ning, Y. (2013, April). Relationships among contracting parties and outcomes of public construction projects in China [Conference presentation]. *Architectural Engineering Institute (AEI) Conference 2013*, Department of Architectural Engineering, Penn State University, State College, PA, USA.
- Ke, Y., Ling, F. Y. Y., & Wang, S. Q. (2013, July). Effects of relationships on public project delivery in China: A case study [Conference presentation]. 38th Australasian Universities Building Education Association (AUBEA) Conference 2013, Faculty of Creative Arts and Industries, University of Auckland, Auckland, New Zealand.
- Ke, Y., Ling, F. Y. Y., Zou, P. X. W., Wang, S. Q., & Kumaraswamy, M. M. (2012, June). Factors influencing the implementation of relational contracting in Australian public projects [Conference presentation]. *CIB International Conference "Management of Construction: Research to Practice"* 2012, École de Technologie Supérieure, Montreal, Canada.
- Ling, F. Y. Y., Chua, M. H., & Ke, Y. (2011, June). Diversity management: Managing migrant construction workers on Singapore sites [Conference presentation]. *CIB International Conference "Management and Innovation for a Sustainable Built Environment" (MISBE 2011)*, Delft University of Technology, Amsterdam, The Netherlands.
- Ke, Y., Ling, F. Y. Y., Kumaraswamy, M. M., Wang, S. Q., Zou, P. X. W., & Ning, Y. (2011, September). Applicability of relational-contracting principles to public construction projects [Conference presentation]. *RICS COBRA Conference 2011*, School of the Built Environment, University of Salford, Salford, UK.
- Ke, Y., Wang, S. Q., & Chan, A. P. C. (2011, May). Equitable risk allocation in Chinese PPP power projects [Conference presentation]. *1st International Conference on Sustainable Construction & Risk Management 2011*, Chongqing University, Chongqing, China.

- 2010 Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., Cheung, E., Wen, Y., & Ke, Y. (2010, May). Critical risk factors for China's PPP projects: A comparative analysis [Conference presentation]. *CIB World Building Congress 2010*, School of the Built Environment, University of Salford, Salford Quays, UK.
- Ke, Y., Wang, S. Q., & Chan, A. P. C. (2009, August). Jī chủ shè shī PPP xiàng mù de fēng xiǎn fēn dān [Risk allocation and management of PPP infrastructure projects] [Conference presentation]. 2009 Guó Jì Gōng Chéng Xiàng Mù Gāo Fēng Lùn Tán [2009 International Engineering Project Summit Forum], Shandong University, Jinan, China.
- Ke, Y., Wang, S. Q., & Chan, A. P. C. (2009, October). Public-private partnerships in China's infrastructure development: Lessons learnt [Conference presentation]. *CIB International Conference "Changing Roles: New Roles, New Challenges" 2009*, Delft University of Technology, Noordwijk aan Zee, The Netherlands.
- Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., Cheung, E., & Ke, Y. (2009, September). Privileges and attractions for private-sector involvement in PPP projects: A China–Hong Kong comparison [Conference presentation]. 5th International Structural Engineering and Construction Conference (ISEC-5) 2009, Department of Civil & Environmental Engineering, University of Nevada Las Vegas, Las Vegas, NV, USA.
- Wang, S. Q., & Ke, Y. (2008, July). Risk management of infrastructure projects in China: Case study of the National Stadium [Conference presentation]. *Inaugural Conference of the Construction Law and Economics Circle in Asia-Pacific 2008*, Graduate School of Global Environmental Studies, Kyoto University, Kyoto, Japan.
- Ke, Y., Wang, S. Q., Chan, A. P. C., & Li, Z. (2008, May). Zhōng guó PPP xiàng mù zhèng zhì fēng xiǎn de biàn huà [Changes of political risks in China's PPP projects] [Conference presentation]. Dì Liù Jiè Quán Guó Tử Mù Gōng Chéng Yán Jiū Shēng Xué Shù Lùn Tán [6th National Civil Engineering Forum for Graduate Students], Department of Civil Engineering, Tsinghua University, Beijing, China.
- Chan, A. P. C., Lam, P. T. I., Chan, D. W. M., Cheung, E., & Ke, Y. (2008, October). Measures that enhance value-for-money in PPP projects [Conference presentation]. *CIB International Conference "Building Abroad: Procurement of Construction and Reconstruction Projects in the International Context"* 2008, École de Technologie Supérieure, Montreal, Canada.
- Ke, Y., Wang, S. Q., & Chan, A. P. C. (2007, October). Zhōng guó jī chủ shè shī PPP xiàng mù fēng xiǎn dìng liàng fēn dān yán jiū kuàng jià [Developing a quantitative risk-allocation mechanism for PPP infrastructure projects in China: A research framework] [Conference presentation]. 2007 Nián Gōng Gòng Shì Yè / Jī Chủ Shè Shī Xiàng Mù Tè Xủ Jīng Yíng Guó Jì Huì Yì [2007 International Conference on Public Utility/Infrastructure Concession Projects], School of Economics and Management, Dalian University of Technology, Dalian, China.

#### PHD SUPERVISION

- Ongoing Mr Ibrahim Dani. Research Training Program (RTP) Scholarship Recipient. School of Built Environment, University of Technology Sydney. Principal supervisor.
- Dr Juanwen Liu. China Scholarship Council (CSC) Postgraduate Research Scholarship Recipient. School of Built Environment, University of Technology Sydney. Co-supervisor. Currently at PetroChina International Northwest Co Ltd, Liaoning, China.
- Dr Kun Wang. Research Training Program (RTP) Scholarship Recipient. School of Built Environment, University of Technology Sydney. Principal supervisor. Currently at Ningbo University, Zhejiang, China.
- Dr Xiaohang Xu. China Scholarship Council (CSC) Postgraduate Research Scholarship Recipient. School of Built Environment, University of Technology Sydney. Co-supervisor. Currently at Hunnan District Government, Shenyang City, Liaoning, China.
- Dr Noah Mwelu. Research Training Program (RTP) Scholarship Recipient. School of Architecture and Built Environment, University of Newcastle. Co-supervisor. Currently at Makerere University Business School, Kampala, Uganda.

## **RESEARCH IMPACT**

#### Stanford World Top 2% Scientist List

2024 Career-long and single-year lists

2023 Single-year list2020 Single-year list

# **Google Scholar Metrics**

Overall The number of citations is 8121; h-index is 37; ito-index is 80 2020 The number of citations is 4267; h-index is 32; ito-index is 69

### SciVal Author Metrics - Built Environment and Design

35.3%	number of publications in the top 10% most cited publications worldwide
48.9%	number of publications in the top 10% journals by CiteScore percentile
80.0%	number of publications in the top 25% journals by CiteScore percentile
3,051	total citations received by publications
59.8	average citations per publication
1.98	field-weighted citation impact (98% above world average)
6,747	total Scopus views received by publications
74.5%	number of publications in the top 10% most viewed worldwide
132.3	average Scopus views per publication
2.71	field-weighted views impact (171% above world average)

#### **Highly Cited / Most Read Individual Papers**

- How to write a literature review article in the Project Management Journal: A review of reviews. Top-20 most-read article in *Project Management Journal*.
- Enhancing sustainability in public-private partnerships: An integrated framework of backcasting, forecasting, and action-oriented methods. Merit Paper, 29th International Symposium on the Advancement of Construction Management and Real Estate (CRIOCM 2024).
- Evaluation of Sustainable Transport Research in 2000–2019. *Journal of Cleaner Production*. Essential Science Indicators Highly Cited Paper, Clarivate.
- 2019 Critical Review on PPP Research: A Search from Chinese and International Journals. 5th most-cited of 25 tracked articles (published since 2016) in *International Journal of Project Management*.
- Understanding the Risks in China's PPP Projects: Ranking of Their Probability and Consequence. and most-cited (published in last 3 yrs) in *Engineering, Construction and Architectural Management*.
- Preferred Risk Allocation in China's Public–Private Partnership Projects. Repeatedly top-ranked (3rd–18th) most-cited article lists (published since 2009) in *International Journal of Project Management*.
- 2015–19 Critical Success Factors for PPPs in Infrastructure Developments: Chinese Perspective. Consistent top-10 most-cited status in *Journal of Construction Engineering and Management*.
- 2016–20 Empirical Study of Risk Assessment and Allocation of PPP Projects in China. Top-5 most-cited across four audits in *Journal of Management in Engineering*.
- Potential Obstacles to Successful Implementation of PPPs in Beijing and Hong Kong. Top-20 most-cited article in *Journal of Management in Engineering*.
- 2014, 20 Risk Allocation in Public–Private Partnership Infrastructure Projects: Comparative Study. Top-20/10 most-cited article listings in *Journal of Infrastructure Systems*.

- Developing a Risk Assessment Model for PPP Projects in China: A Fuzzy Synthetic Evaluation Approach. Top-25 most-cited (published since 2010) in *Automation in Construction*.
- An Investigation of Psychological Contracts in Construction Procurement. Best Paper, CIB
  International Conference "Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development".
- Public Construction Project Delivery Process in Singapore, Beijing, Hong Kong and Sydney. Highly Commended Paper, *Journal of Financial Management of Property and Construction*.

# **Mentioned by Journal Papers**

- Analyzing Trends and Emerging Issues in Public-Private Partnership (PPP) Projects in Construction: A Bibliometric Study. *Operations Research Forum*. Three of my works ranked #1, #4, #9 among the ten most-cited PPP papers; listed as 8th most collaborative scholar.
- Public–Private Partnership (PPP) in Road Infrastructure Projects: A Review of Evolution, Approaches, and Prospects. *Sustainability*. Identified my article as the most-cited study on PPPs in road infrastructure.
- Public-Private Partnership: Bibliometric and Visualized Analysis. *Novi Ekonomist*. Ranked 5th most-productive and 4th most-cited author (2000–2021).
- Exploring Risk Aspects in Public-Private Partnership Infrastructure Research: A Bibliometric Analysis. *Journal of Infrastructure Policy and Management*. One publication placed 6th among most-cited PPP-risk papers.
- Review of Risk Management Studies in Public-Private Partnerships: A Scientometric Analysis. International Journal of Construction Management. Named 3rd most-collaborative scholar; two articles ranked #3 and #8 among high-impact papers.
- Research Trends, Themes, and Gaps of Public-Private Partnership in the Water Sector: A Two-Decade Review. *Urban Water Journal*. My study listed 11th most-cited in PPP water research.
- A Bibliometric and Meta-Analysis of Studies on Public-Private Partnership in China. *Construction Management and Economics*. Five papers placed in the top-10 most-cited (#1, #2, #5, #6, #8).
- Systematic Analysis of PPP Research in Construction Journals: 2009–2019. *Engineering, Construction and Architectural Management*. Five papers in the top-10 most-cited (#1, #4, #5, #7, #8).
- Comprehensive Metrological and Content Analysis of the PPP Research Field: A New Bibliometric Journey. *Scientometrics*. Ranked 7th most-influential author; four papers among top-20 locally cited (#4, #6, #7, #11).
- A Holistic Review of Public-Private Partnership Literature Published Between 2008 and 2018.

  \*Advances in Civil Engineering. Placed 2nd most-cited author; five papers among top-cited (#1, #2, #5, #7, #10).
- Cluster Analysis of the Intellectual Structure of PPP Research. *Journal of Management in Engineering*. Two studies ranked #14 and #16 among most-cited.
- Bibliometric Analysis of PPP and PFI Literature: Overview of 25 Years of Research. *Journal of Construction Engineering and Management*. One article ranked 9th most-cited.
- A Review of Emerging Trends in Global PPP Research: Analysis and Visualization. *Scientometrics*. Recognised as 4th most-productive author worldwide.

## **Mentioned by Policy Sources**

- 2023 Risk Allocation and Early Termination of Federal Highway Concessions in Brazil: An Analysis of Concession Contracts Signed by ANTT. Fundação Getulio Vargas policy report. Cited my article "Developing a Risk Assessment Model for PPP Projects in China A Fuzzy Synthetic Evaluation Approach."
- Green Logistics Networks: Roles & Symbiotic Relationships. Swedish National Road and Transport Research Institute (VTI) report. Cited my article "Evaluation of Sustainable Transport Research in 2000–2019."

- 2022 *Methodology for Evaluating Sustainable Urban Development*. Ministry of Transport of the Czech Republic guideline. Cited my article "Evaluation of Sustainable Transport Research in 2000–2019."
- Public-Private Partnerships in the Drinking Water and Sanitation Sector in Latin America and the Caribbean: Environment, Critical Success Factors, and Recommendations. Inter-American Development Bank report. Cited my article "Developing a Risk Assessment Model for PPP Projects in China A Fuzzy Synthetic Evaluation Approach."
- 2021 Construction Risks Assessment in Latin American Megaprojects: A Fuzzy Challenge. Inter-American Development Bank brief. Cited my article "Developing a Risk Assessment Model for PPP Projects in China A Fuzzy Synthetic Evaluation Approach."
- Evaluating the Impact of Nature-Based Solutions: Appendix of Methods. Publications Office of the European Union technical report. Cited my article "Critical Success Factors for PPPs in Infrastructure Developments: Chinese Perspective."
- 2021 A Synthesis of Research Gaps. International Science Council white paper. Cited my article "Evaluation of Sustainable Transport Research in 2000–2019."
- Metropolitan Shenzhen: Rail Plus Property for Transit-Oriented Development. World Bank report. Cited my articles "A Comparative Study of Critical Success Factors for Public-Private Partnerships (PPP) between Mainland China and the Hong Kong Special Administrative Region" and "Understanding the Risks in China's PPP Projects: Ranking of Their Probability and Consequence."
- 2020 Equitable Land Use for Asian Infrastructure. Asian Development Bank working paper. Cited my article "Spatio-Temporal Dynamics of Public-Private Partnership Projects in China."
- Public-Private Partnerships in Developing Countries: The Emerging Evidence-Based Critique. World Bank policy note. Cited my article "Critical Success Factors for PPPs in Infrastructure Developments: Chinese Perspective."
- Public-Private Partnership Monitor (Second Edition). Asian Development Bank reference guide.
   Cited my articles "Risk Allocation in Public-Private Partnership Infrastructure Projects:
   Comparative Study" and "Preferred Risk Allocation in China's Public-Private Partnership (PPP) Projects."
- How Better Collaboration Between the Private and Public Sector Can Generate Growth in Denmark.

  Copenhagen Economics report. Cited my article "Risk Allocation in Public-Private Partnership Infrastructure Projects: Comparative Study."
- Potential Public-Private Partnership Strategy for Promoting Effective Housing Delivery in Papua New Guinea. PNG National Research Institute paper. Cited my article "Risk Allocation in Public-Private Partnership Infrastructure Projects: Comparative Study."
- Financing Transit-Oriented Development by Value Capture. Lincoln Institute of Land Policy working paper. Cited my article "Spatio-Temporal Dynamics of Public-Private Partnership Projects in China."
- 2019 Public-Private Partnerships as a Vector of Innovation: Successful Cases in Spain. Basque Government report. Cited my article "Critical Success Factors for PPPs in Infrastructure Developments: Chinese Perspective."
- The Circular Economy Opportunity for Urban and Industrial Innovation in China. Ellen MacArthur Foundation flagship report. Cited my article "Factors Influencing the Private Involvement in Urban Rail Public-Private Partnership Projects in China."
- 2018 Emerging Sponge Cities Foresight Brief No. 005. United Nations Environment Programme brief. Cited my article "Critical Review on PPP Research – A Search from the Chinese and International Journals."
- 2017 Public-Private Partnerships: Reference Guide Version 3.0. World Bank & Global Infrastructure Facility handbook. Cited my article "Risk Allocation in Public-Private Partnership Infrastructure Projects: Comparative Study."
- 2017 Public-Private Partnership Monitor. Asian Development Bank reference guide. Cited my article

- "Preferred Risk Allocation in China's Public-Private Partnership (PPP) Projects."
- The develoPPP.de Program: A Portfolio Analysis. German Institute for Development Evaluation (DEval) study. Cited my article "Empirical Study of Risk Assessment and Allocation of Public-Private Partnership Projects in China."
- 2015 Evaluating the Environment for Public-Private Partnerships in Asia-Pacific: The 2014 Infrascope.
  Asian Development Bank benchmarking study. Cited my article "Empirical Study of Risk
  Assessment and Allocation of Public-Private Partnership Projects in China."
- Public-Private Partnerships in China: 2014 as a Landmark Year with Past and Future Challenges.

  International Institute for Sustainable Development report. Cited my articles "Understanding the Risks in China's PPP Projects: Ranking of Their Probability and Consequence," "Empirical Study of Risk Assessment and Allocation of Public-Private Partnership Projects in China," and "Risk Misallocation in Public-Private Partnership Projects in China."
- 2014 Public-Private Partnerships: Reference Guide Version 2.0. World Bank & PPP Knowledge Lab handbook. Cited my article "Risk Allocation in Public-Private Partnership Infrastructure Projects: Comparative Study."
- 2013 Public-Private Partnerships: Reference Guide. World Bank & PPP Knowledge Lab handbook. Cited my article "Risk Allocation in Public-Private Partnership Infrastructure Projects: Comparative Study."
- 2013 Challenges of Sustainable Water Management. Office of Technology Assessment at the German Bundestag (TAB) study. Cited my article "Public Construction Project Delivery Process in Singapore, Beijing, Hong Kong and Sydney."
- Successful Trade Promotion: Lessons from Emerging Economies. German Development Institute (DIE) research paper. Cited my article "Critical Success Factors for PPPs in Infrastructure Developments: Chinese Perspective."
- 2013 *Urbanization and Mobility in China: New Patterns and Intermodal Connections.* Institut Français des Relations Internationales policy paper. Cited my article "Understanding the Risks in China's PPP Projects: Ranking of Their Probability and Consequence."
- An Eligibility Indicator to Select Public-Private Partnership Projects in Infrastructure and Services.

  Inter-American Development Bank technical note. Cited my article "Equitable Financial Evaluation Method for Public-Private Partnership Projects."

## **COURSES TAUGHT**

# University of Technology Sydney, Australia

	A1	
2019-25	15115 Advances in Project Management (Postgraduate)	

2023 15310 Project Integration Management (Postgraduate)

2017-25 15317 Advanced Project Risk Management (Postgraduate)

2016–25 15319 Project Risk, Procurement and Quality Management (Postgraduate, two deliveries per year)

2017–24 15327 Managing Project Complexity (Postgraduate)

2017 15356 Project Performance Improvement (Postgraduate)

2023–25 15362 Managing Project Contracts (Postgraduate)

## University of Newcastle, Australia

- 2014–16 ARBE6407 Project Closure (Postgraduate)
- 2015–16 ARBE2309 Construction Procurement and Tendering (Undergraduate)
- 2013–16 ARBE3305 Infrastructure Development (Undergraduate)
- 2013–16 ARBE4303 Facilities Management (Undergraduate)

## **National University of Singapore, Singapore**

2012–13 Project Cost Management (Undergraduate)

#### Tsinghua University, China

2021	Public-Private	Partnerships (	(Postgraduate)
2021	I abite I ii acc	I al circioniipo	1 Cocsidadec

- 2009 Project Finance (Postgraduate)
- 2008 Construction Estimating (Undergraduate)
- 2006 Engineering Economy (Undergraduate)

#### Chang'an University, China

2019 Introduction to Project Management (Postgraduate)

#### **Chongqing University, China**

2021–24 Public-Private Partnerships (Postgraduate)

#### **SERVICE**

#### **Academic Journal Editorship**

2025-	Built Environment Project and Asset Management, Associate Editor

- 2025- Construction Innovation: Information, Process, Management, Editorial Advisory Board Member
- 2023- Humanities and Social Sciences Communications, Editorial Board Member
- 2023- International Journal of Project Organisation and Management, Australian Editor
- 2022- Buildings, Editorial Board Member & Section Board Member
- 2022- Frontiers of Engineering Management, Special Corresponding Expert
- 2020- Project Management Journal, Department Editor
- 2020- IEEE Transactions on Engineering Management, Editorial Review Board Member
- 2017–23 International Journal of Project Organisation and Management, Editorial Board Member
- 2017-25 Built Environment Project and Asset Management, Editorial Review Board Member
- 2025–26 Built Environment Project and Asset Management, Guest Editor, Special Issue "Public Private Partnership (PPP) Lessons learned and Ways Forward in Meeting Emerging Needs"
- 2024–25 International Journal of Construction Management, Guest Editor, Special Issue "Towards Efficient and Sustainable Construction Project Management: Leveraging AI and Disruptive Technologies"
- 2023–24 *Buildings*, Guest Editor, Special Issue "Achieving Carbon Neutrality in Urban Infrastructure Development"
- 2023–24 Built Environment Project and Asset Management, Guest Editor, Special Issue "Public Private Partnerships: Past, Present and Future"
- 2022–23 Buildings, Guest Editor, Special Issue "Tradition and Innovation in Construction Project Management"

# Service to the Field

- 2022 Onsite Visit Team Member, PMI Global Accreditation Center
- 2020 Communications Coordinator of CIB W122 Public Private Partnership
- 2020–23 Advisory Board Member of Construction Management Discipline, Suzhou University of Science and Technology, China
- 2018–19 Visiting Research Director, Jumbo Consulting, Shanghai, China

2018-21	Guest Professor, School of Economics and Management, Chang'an University, China
2018-21	Contributing Specialist, Central University of Finance and Economics, China
2017-	Member of MB012 - Project, Programme and Portfolio Management, Standards Australia
2016-23	Contributing Specialist, Center for Public-Private Partnership, Tsinghua University, China
Service to	My University
2025-	Member, FDS Faculty Board
2024-	School Responsible Academic Officer for Misconduct

2025-	Member, 123 racuity board
2024-	School Responsible Academic Officer for Misconduct
2024-	Member, Faculty Research Degree Committee
2024-	School Higher Degree Research Coordinator
2022	Member, University Academic Board
2022-23	Member, DAB Faculty Board
202I-	School Short Forms of Learning Coordinator
2021-	DAB Representative on Faculty Board in Business
2021-22	Member, Faculty New Product Committee
2019-22	Member, Faculty Curriculum Committee
2019-22	Member, Faculty Teaching and Learning Quality Committee
2019-20	Director, Postgraduate Project Management Programs
2017 10	Associate Director Postgraduate Project Management Program

2017-19 Associate Director, Postgraduate Project Management Programs Member, Faculty Student Assessment Review Committee

Member, School International and Development Working Group 2015-16

School Student Academic Conduct Officer 2015-16

## Academic Journal Peer Review<sup>2</sup>

2017-18

2025-	International Review of Administrative Sciences
,	J

European Management Review 2025-

2024-International Journal of Building Pathology and Adaptation

Public Management Review 2024-

Healthcare Analytics 2024-

2024-Australian Journal of Public Administration

Developments in the Built Environment 2023-

Journal of Management Studies 2023-

Journal of Global Operations and Strategic Sourcing 2023-

Project Leadership & Society 2021-

Complexity 2020-

IEEE Transactions on Engineering Management 2020-

2020-International Journal of Health Planning and Management

Frontiers in Built Environment 2019-

International Journal of Procurement Management 2019-

SAGE Open 2019-

<sup>&</sup>lt;sup>2</sup>113 peer reviews on ORCID; 97 peer reviews on Web of Science

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

# **Theses Examination**

2025-	External Examiner, PhD thesis, City University of Hong Kong, China
2025-	External Examiner, PhD thesis, University of Sydney, Australia
2025-	External Examiner, PhD thesis, Western Sydney University, Australia
2023-	External Examiner, PhD thesis, University of Newcastle, Australia
2022-	External Examiner, PhD thesis, Curtin University, Australia
2019-	External Examiner, PhD thesis, RMIT University, Australia
2015-	External Examiner, Final-year dissertation, University of South Australia, Australia

## **Academic Press Peer Review**

2022-	World	l Scien	tific P	ub.	lishing
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2020- Routledge

2019- Springer

# **Funding Agency Peer Review**

2020-	Assessor	Australian R	esearch	Council	Australia
2020-	ASSESSOL	Australian	cesearch	Council	Australia

2020 — Assessor, Makerere University Research and Innovations Fund, Uganda

# **CREDENTIALS**

2018	World Bank Group / APMG Certified PPP Professional (CP <sub>3</sub> P) Preparation
2017	World Bank Group / APMG Certified PPP Professional (CP <sub>3</sub> P) Foundation