



School of Civil and Environmental Engineering

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Education

- PhD, Construction Management, Nanyang Technological University, Singapore (2019.01-now)
- MEng, Structural Engineering, South China University of Technology, China (2015.09-2018.06)
- BEng, Civil Engineering, South China University of Technology, China (2011.09-2015.06)

Research Interests

- Building Information Modelling (BIM)
- Public-private partnership (PPP)

Selected Publications

- Wang Yongqi, Robert Tiong, and Zhang Limao. "Data-driven quantification of public-private partnership experience levels under uncertainty with Bayesian hierarchical model." *Applied Soft Computing* 103 (2021): 107176. <https://doi.org/10.1016/j.asoc.2021.107176>.
- Wang Yongqi, Shao Zhe, and Robert Tiong. "Data-driven prediction of contract failure of public-private partnership projects." *ASCE Journal of Construction Engineering & Management* (2021). [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0002124](https://doi.org/10.1061/(ASCE)CO.1943-7862.0002124).
- Wang, Yongqi, Vimal Kumar Thangasamy, Zhaoqi Hou, Robert LK Tiong, and Limao Zhang. "Collaborative relationship discovery in BIM project delivery: A social network analysis approach." *Automation in Construction* 114 (2020): 103147. <https://doi.org/10.1016/j.autcon.2020.103147>.