

My professional website is: <https://sites.google.com/site/wangshuaian/home>

Shuaian (Hans) Wang, PhD, Associate Professor

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Dr. Wang is currently an Associate Professor at the Hong Kong Polytechnic University (PolyU). Prior to joining PolyU, he worked as an Assistant Professor of Maritime and Supply Chain Management at Old Dominion University, USA, and a Lecturer of Operations Research at the University of Wollongong, Australia. Dr. Wang's research interests include shipping network design, port operations planning, urban transport network modeling, sustainable transportation and green logistics, and supply chain management. Since 2011, Dr. Wang has published over **130 papers** in SCI/SSCI journals such as *Transportation Research Part B*, *Transportation Science*, *IIE Transactions*, *Naval Research Logistics*, and *European Journal of Operational Research*, with **H-index=34** in Google Scholar. As the Principal Investigator, Dr. Wang leads projects sponsored by National Natural Science Foundation of China, National Key R&D Program of China, Hong Kong Research Grants Council, Environment and Conservation Fund of Hong Kong, Policy Innovation and Co-ordination Office of the Government of the HKSAR, and Natural Science Foundation of Guangdong Province. Dr. Wang dedicates to rethinking and proposing innovative solutions to improve the efficiency of maritime and urban transportation systems, to promote environmentally friendly and sustainable practices, and to transform business and engineering education.

Professional Services:

- Associate Editor: *Transportation Research Part E* (SCI/SSCI)
- Associate Editor: *Flexible Services and Manufacturing Journal* (SCI)
- Handling Editor: *Transportation Research Record* (SCI)
- Editorial board editor: *Transportation Research Part B* (SCI/SSCI)
- Editorial board member: *Transportation Letters* (SCI/SSCI)

PhD Supervision (chief supervisor)

Current PhD students

Wei Zhang, Thesis title: *Joint Routing and Bunkering for Bulk Carriers* 2017–Present

- Her research has been published in *Transportation Research Part B* (SCI/SSCI), *Naval Research Logistics* (SCI), *Transportation Research Part C* (SCI), and *Journal of the Operational Research Society* (SCI)
- Exchange study at Massachusetts Institute of Technology (MIT)
- Best Student Paper Award for 2018 KES International Conference on Smart Transport Systems, Australia, 2018

- Ran Yan, Thesis title: *Using Big Data to Improve Shipping Efficiency* 2018–Present
- Her research has been published in Transportation Research Part B (SCI/SSCI), Transportation Research Part C (SCI), Transportation Research Part E (SCI/SSCI), and Asia-Pacific Journal of Operational Research (SCI)
 - Best Student Paper Award for 2019 KES International Conference on Smart Transport Systems, Malta, 2019
- Jingwen Qi, Thesis title: *Green Shipping Management* 2019–Present
- Her research has been published in Transportation Research Part E (SCI/SSCI)
- Yiwei Wu, Thesis title: *TRA* 2020–Present
- Wei Wang, Thesis title: *TRA* 2020–Present
- Yu Guo, Thesis title: *TRA* 2020–Present

Graduated PhD

- Lingxiao Wu (Hong Kong PhD Fellowship), Thesis title: *Bulk Ship Routing and Scheduling under Uncertainty* 2017–2020
- Lingxiao obtained his bachelor's degree from Dalian Maritime University in 2014 and master's degree from Tongji University in 2017. During his 3-year PhD studies at The Hong Kong Polytechnic University, he visited University of Minnesota for three months as an exchange student. His PhD research is published in Transportation Research Part B, Transportation Science, European Journal of Operational Research, Transportation Research Part E, International Journal of Production Economics, Transport Reviews, and Transportation Research Record. His first academic appointment after PhD is Postdoctoral Fellow at University of Montreal.
- Dan Zhuge, Thesis title: *Schedule and Subsidy Optimization under Green Shipping Strategies* 2017–2019
- Dan obtained her bachelor's degree from Zhejiang Normal University in 2014 and master's degree from Shanghai University in 2017. During her 3-year PhD studies at The Hong Kong Polytechnic University, she visited National University of Singapore for three months as an exchange student. Her PhD research is published in Transportation Research Part B, Transportation Science, Naval Research Logistics, Transportation Research Part C, Transportation Research Part E, International Journal of Production Economics, and Frontiers of Engineering Management. Her first academic appointment after PhD is Postdoctoral Fellow at Nanyang Technological University, Singapore.
- Kai Wang (Hong Kong PhD Fellowship), Thesis title: *Optimization Applications in Maritime Logistics and Operations* 2016–2019
- Kai obtained his bachelor's degree from Shanghai University in 2014 and master's degree from National University of Singapore in 2016. During his 3-year PhD studies at The Hong Kong Polytechnic University, he visited Carnegie Mellon University for three months as an exchange student. His PhD research is published in Transportation Research Part B, Transportation Science, IISE Transactions, Naval Research Logistics, European Journal of Operational Research, Transportation Research Part C, Transportation Research Part E, Maritime Policy and Management, and Maritime Business Review. He won the Second Prize of the 16th China Society of Logistics Annual Meeting Best Paper Award 2017, Student Paper Merit Award of the 6th International Symposium on Reliability Engineering and Risk Management (6ISRERM) Singapore 2018, and Honorable Mention in the 2019

Anna Valicek Competition. His first academic appointment after PhD is Postdoctoral Fellow at Massachusetts Institute of Technology (MIT).

PhD Scholarship Opportunity (Deadline: 1 December 2020)

- The [Hong Kong PhD Fellowship](#) Scheme (HKPFS) aims at attracting the best and brightest students in the world to pursue their PhD studies in Hong Kong. The Fellowship provides a monthly stipend of HK\$25,800 (approximately US\$3,200) and a conference and research related travel allowance of HK\$12,600 (approximately US\$1,600) per year to each awardee. Tuition fees and GRE/GMAT score requirements are waived.
- Self-motivated engineering, science, and business students with strong mathematics background who are interested in pursuing a PhD in the areas of shipping, transportation, and logistics are strongly encouraged to contact me by email: wangshuaian@gmail.com

王帅安 副教授

(清华大学学士、硕士，德国亚琛工业大学硕士，新加坡国立大学博士)

香港理工大学 工商管理学院 物流及航运学系

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王博士目前在香港理工大学任副教授，之前曾在美国欧道明大学 (Old Dominion University) 商学院任助理教授、澳大利亚卧龙岗大学 (University of Wollongong) 任讲师。主要研究方向包括航运网络优化、港口规划与调度、城市交通网络建模、运输业可持续发展与绿色物流、供应链管理等。自 2011 年至今在 Transportation Research Part B、Transportation Science、IIE Transactions、Naval Research Logistics、European Journal of Operational Research 等国际著名 SCI/SSCI 期刊发表论文 **130 余篇**，Google Scholar 中 **H 指数为 34**。王博士作为项目负责人主持香港研资局基金面上项目、香港环境与自然保育基金项目、香港政府政策创新与统筹办事处基金项目、广东省自然科学基金面上项目、中国国家自然科学基金青年项目，作为课题负责人或项目骨干参与中国国家自然科学基金重点项目、面上项目、科技部国家重点研发计划。

目前担任如下国际 SCI/SSCI 期刊的副主编及编委：

- Transportation Research Part E (SCI/SSCI) 副主编
- Flexible Services and Manufacturing Journal (SCI) 副主编
- Transportation Research Record (SCI) 论文处理编辑
- Transportation Research Part B (SCI/SSCI, 影响因子 4.081) 编委
- Transportation Letters (SCI/SSCI) 编委

招收博士研究生信息 (截止日期: 2020 年 12 月 1 日)

欢迎有志于从事航运、交通、物流领域科学研究、具有较好数学基础的本科生、硕士生 (专业不限) 申请香港政府奖学金攻读博士学位。香港政府奖学金 (Hong Kong PhD Fellowship) 为博士生提供每月 25800 港币的生活费、每年 12600 港币的会议费，并且免学费、免 GRE/GMAT 考试要求。有意申请者请将个人简历发送至 wangshuaian@gmail.com