

辛旭

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教育经历

- 香港理工大学** | 商学院 | 物流及航运学系 | 哲学博士（联合培养） 2023.09—2025.10
导师: 王帅安教授。获香港特别行政区政府才艺发展奖学金（2次），香港特别行政区政府外展体验奖。
- 同济大学** | 经济与管理学院 | 管理学博士 2018.09—2025.12
导师: 王效俐教授。获国家奖学金，上海高校百名学生党员标兵，上海高校团干部示范典型，上海市优秀毕业生。
- 大连海事大学** | 航运经济与管理学院，物流管理 | 管理学学士 2014.09—2018.06
导师: 杨忠振教授、陈康教授。GPA: 4.2/5.0, 排名: 1/32。获国家奖学金，大连高校优秀毕业生。

研究方向

- 港口与航运管理（例如，泊位分配、泊位与岸桥联合调度、航线网络设计、船舶调度等）
- 交通与物流系统优化（例如，电动车交通网络设计、流水车间调度等）
- 应急管理（例如，人道主义物流网络设计等）

代表性学术论文²

- Zhang, T., Wang, S., & 辛旭 *. (2025). Liner fleet deployment and slot allocation problem: A distributionally robust optimization model with joint chance constraints. **Transportation Research Part B: Methodological**, 197, 103236. (ABS 4, JCR Q1, IF=6.3) [网址]³
- 辛旭, Wang, S., & Zhang, T. (2025). Truck-drone supported humanitarian relief logistics network design: A two-stage distributionally robust optimization approach. **Transportation Research Part C: Emerging Technologies**, 178, 105231. (JCR Q1, IF=7.9) [网址]
- 辛旭, Zhang, T., Wang, X., He, F., & Wu, L. (2025). Risk averse distributionally robust optimization for construction waste reverse logistics with a joint chance constraint. **Computers & Operations Research**, 173, 106829. (ABS 3, JCR Q1, IF=4.3) [网址]
- 辛旭, Jiang, Q., Li, C., Li, S., & Chen, K. (2023). Permutation flow shop energy-efficient scheduling with a position-based learning effect. **International Journal of Production Research**, 61(2), 382-409. (ABS 3, JCR Q1, IF=7.3) [网址]
- 辛旭, Wang, X., Chen, Z., & Chen, K. (2021). Coastal shuttle tanker inventory routing model with a discrete loaded quantity. **Applied Economics**, 53, 6120-6137. (ABS 2, JCR Q2, IF=2.1) [网址]
- 辛旭, Liu, M., Wang, X., Chen, H., & Chen, K. (2022). Investment strategy for blockchain technology in a shipping supply chain. **Ocean & Coastal Management**, 226, 106263. (JCR Q1, IF=5.4) [网址]
- 辛旭, Zhang, T., He, F., Zhang, W., & Chen, K. (2023). Assessing and simulating changes in ecosystem service value based on land use/cover change in coastal cities: A case study of Shanghai, China. **Ocean & Coastal Management**, 239, 106591. (JCR Q1, IF=5.4) [网址]
- 辛旭, Zhang, T., Xiang, Z., & Liu, M. (2025). Battery electric vehicle transportation network robust pricing-infrastructure location model with boundedly rational travelers. **Applied Energy**, 386, 125606. (JCR Q1, IF=11.0) [网址]
- 辛旭, Wang, X., Ma, L., Chen, K., & Ye, M. (2022). Shipping network design-infrastructure investment joint optimization model: a case study of West Africa. **Maritime Policy & Management**, 49(5), 620-646. (ABS 2, JCR Q2, IF=3.6) [网址]
- Liu, M., 辛旭 *, Wang, X., Zhang, T., & Chen, K. (2025). Dual-channel slot sales strategy for container liner shipping companies with blockchain technology adoption. **Transport Policy**, 162, 200-220. (ABS 2, JCR Q1, IF=5.3) [网址]
- Li, D., 辛旭 *, & Zhou, S. (2023). Integrated governance of the Yangtze River Delta port cluster using niche theory: A case study of Shanghai Port and Ningbo-Zhoushan Port. **Ocean & Coastal Management**, 234, 106474. (JCR Q1, IF=5.4, ESI Top 1%) [网址]
- Xiang, Z., 辛旭 *, Zhang, T., Chen, K., & Liu, M. (2025). Asia-Europe liner shipping network design model considering Arctic route and black carbon tax. **Ocean & Coastal Management**, 261, 107492. (JCR Q1) [网址]

¹ 本行下划线内容均包含超链接。 ² 标记星号 “*” 代表通信作者。 ³ 中括号加粗的内容均包含超链接。

- Chen, K., Guo, J., 辛旭 *, Zhang, T., & Zhang, W. (2023). Port sustainability through integration: A port capacity and profit-sharing joint optimization approach. **Ocean & Coastal Management**, 245, 106867. (JCR Q1, IF=5.4) [网址]
- Gao, S., 辛旭 *, Li, C., Liu, Y., & Chen, K. (2022). Container ocean shipping network design considering carbon tax and choice inertia of cargo owners. **Ocean & Coastal Management**, 216, 105986. (JCR Q1, IF=5.4) [网址]
- Li, Z., Wang, L., Wang, G., 辛旭 *, Chen, K., & Zhang, T. (2024). Investment and subsidy strategy for low-carbon port operation with blockchain adoption. **Ocean & Coastal Management**, 248, 106966. (JCR Q1, IF=5.4) [网址]
- Chen, K., Su, S., Gong, Y., 辛旭 *, & Zeng, Q. (2024). Coastal transportation system green policy design model based on shipping network design. **International Journal of Logistics Research and Applications**, 27(3), 428-449. (ABS 1, JCR Q1, IF=4.9) [网址]

■ 教材

- 王效俐, 辛旭, 高凌宇, 沈四林. 物流运输与配送管理 (第 2 版) . (2021). 清华大学出版社. [试读]

★ 获奖情况

- 2016.05 获得“中国动力谷杯”第十一届全国大学生交通科技大赛国家二等奖 (指导教师: 杨忠振教授)
- 2016.06 获得第二届全国大学生水运创新大赛国家二等奖 (指导教师: 陈康教授)
- 2019.12 获得“华为杯”第十六届中国研究生数学建模竞赛国家二等奖
- 2020.08 获得“赛迪环保杯”第十三届全国大学生节能减排社会实践与科技竞赛国家二等奖
- 2021.10 获得第七届中国国际“互联网+”大学生创新创业大赛国家铜奖
- 2022.08 获得“六百光年杯”第十五届全国大学生节能减排社会实践与科技竞赛国家一等奖
- 2023.04 获得第八届中国国际“互联网+”大学生创新创业大赛国家铜奖 (共 2 项作品)
- 2023.08 获得“建行杯”第十六届全国大学生节能减排社会实践与科技竞赛国家二等奖和国家三等奖各一项
- 2024.08 获得第十七届全国大学生节能减排社会实践与科技竞赛国家二等奖
- 2025.05 获得“船视宝杯”第二十届全国大学生交通运输科技大赛国家二等奖 (指导教师: 王帅安教授)
- 2025.05 指导学生获得“正大杯”第十五届全国大学生市场调查与分析大赛国家一等奖 (本人兼得优秀指导教师奖)
- 2025.08 指导学生获得“招行杯”第十八届全国大学生节能减排社会实践与科技竞赛国家三等奖

● 学术会议

- 2020.11.5-7, 会议名称: The 3rd International Conference of the Yangtze-River Research and Innovation Belt (Y-RIB), 中国宁波. 报告主题: *Intermodal Cargo-Container Joint Flow Equilibrium and Pricing*. [网址]
- 2024.3.24-28, 会议名称: The 2nd International Symposium on Data-Driven Intelligent Optimization for Decision Making (DIODM 2024), 日本松江. 报告主题: *Port sustainability through integration: A port capacity and profit-sharing joint optimization approach*. [网址]
- 2024.8.29-30, 会议名称: The 2nd PolyU Research Student Conference (PRSC 2024), 中国香港. 报告主题: *Liner shipping fleet planning with uncertain demand: A data-driven distributionally robust chance-constrained optimization approach*. 获奖: 最佳演讲奖. [网址]
- 2025.7.2-4, 会议名称: The 3rd PolyU Research Student Conference (PRSC 2025), 中国香港. 报告主题: *Liner fleet deployment and slot allocation problem: A distributionally robust optimization model with joint chance constraints*. 获奖: 最佳论文奖-优秀奖. [网址]

■ 学术服务

- **委员会成员:** 香港理工大学商学院, 学术委员会成员 (2024.09-2025.08) .
- **学术会议组织:** The 3rd PolyU Research Student Conference (PRSC 2025), 2025 年 7 月 2 日-4 日, 中国香港. 担任职务: 大会联合主席. [网址] [新闻]
- **期刊编辑:** PLOS ONE (学术编辑) [网址], Frontiers in Marine Science (特刊编辑) [网址]
- **权威期刊审稿人:** Transportation Research Part B: Methodological, Transportation Research Part E: Logistics and Transportation Review, Transport Policy, IEEE Transactions on Engineering Management, Computers & Operations Research, Computers in Industry, Computers & Industrial Engineering, Maritime Policy & Management, Maritime Economics & Logistics, Applied Economics, Applied Energy, Cities, Research in Transportation Economics, International Journal of Logistics, Advanced Engineering Informatics, Ocean & Coastal Management