

## Dr. Yi Xiao

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Zhejiang University  
Zhejiang, China

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## **BIOGRAPHY NOTES**

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- Focusing on the research of Smart Shipping, Maritime Safety and Sustainability, Data Property Rights
- Acquired solid background knowledge on mathematical modeling and statistic
- Keeping active in international collaborations
- Invited as the reviewers for the international journals, e.g. *Maritime Policy & Management*, *Advances in Mechanical Engineering*, *Transportation Research Part A*, *Marine Policy*

## **EDUCATION**

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- Ph.D. in International Logistics, Chung-Ang University, Seoul, Korea, Aug. 2019
- M.A. in Regional Economics, Ocean University of China, Qingdao, China, Jun. 2016
- B.S. in Statistics, Hunan Normal University, Changsha, China, Jun. 2012

## **PUBLICATIONS**

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- [1] **Xiao, Y.**, Wang, G., Lin, K. C., Qi, G., & Li, K. X. (2020). The effectiveness of the New Inspection Regime for Port State Control: Application of the Tokyo MoU. *Marine Policy*, 103857.
- [2] **Yi Xiao**, Guanqiu Qi, Mengjie Jin, Kum Fai Yuen, Zhuo Chen, & Kevin Li\*. (2021). Efficiency of Port State Control inspection regimes: A comparative study. *Transport Policy*, 106, 165-172.
- [3] **Yi Xiao**, Grace Wang, Ying-En Ge, Qinyi Xu, & Kevin Li\*. (2021). Game Model for a New Inspection Regime of Port State Control under Different Reward and Punishment Conditions. *Transportation Research Part E: Logistics and Transportation Review*, volume 156, 102526.
- [4] **Yi Xiao**, Zhuo Chen\*, & Levi McNeil. (2021). Digital empowerment for shipping development: a framework for establishing a smart shipping index system. *Maritime*

Policy & Management, 1-14.

- [5] Li, K. X., Lin, K. C., Jin, M., Yuen, K. F., Yang, Z., & **Xiao, Y.\*** (2020). Impact of the belt and road initiative on commercial maritime power. *Transportation Research Part A: Policy and Practice*, 135, 160-167.
- [6] Li, K. X., Wu, M., Gu, X. H., Yuen, K. F., & **Xiao, Y.\*** (2020). Determinants of ship operators' options for compliance with IMO 2020. *Transportation Research Part D: Transport and Environment*, 102459.
- [7] Qi, G., Shi, W., Lin, K. C., Yuen, K. F., & **Xiao, Y.\*** (2020). Spatial spillover effects of logistics infrastructure on regional development: Evidence from China. *Transportation Research Part A: Policy and Practice*, 135, 96-114.
- [8] Grace Wang, Kevin X Li, **Yi Xiao\***. (2019). Measuring marine environmental efficiency of a cruise shipping company considering corporate social responsibility. *Marine Policy*, 99,140-147.
- [9] Wu, M., Li, K. X., **Xiao, Y.**, & Yuen, K. F. (2022). Carbon Emission Trading Scheme in the shipping sector: Drivers, challenges, and impacts. *Marine Policy*, 138, 104989.
- [10] Yin, H., Chen, Z., **Xiao, Y.**, & Wang, S. (2020). Analysis of risk management performance with innovative approach: a case study of China's shipping companies. *Maritime Policy & Management*, 1-15.
- [11] Yin, W., Wu, S., Zhao, X., Shu, C., **Xiao, Y.**, Ye, G., Shi, W. & Feng, X. (2022). Shore power management for green shipping under international river transportation. *Maritime Policy & Management*, 49(5), 737-754.
- [12] Jin, M., Shi, W., Yuen, K. F., **Xiao, Y.**, & Li, K. X. (2019). Oil tanker risks on the marine environment: An empirical study and policy implications. *Marine Policy*, 108, 103655.
- [13] Hengbin Yin, Zhuo Chen, **Yi Xiao**. (2019). Risk perception affecting the performance of shipping companies: the moderating effect of China and Korea. *Maritime Policy & Management*, 46(3), 295-308.
- [14] Shi, W., **Xiao, Y.**, Chen, Z., McLaughlin, H., & Li, K. X. (2018). Evolution of green shipping research: themes and methods. *Maritime Policy & Management*, 45(7), 863-876.
- [15] Li, K. X., **Xiao, Y.**, Chen, S. L., Zhang, W., Du, Y., & Shi, W. (2018). Dynamics and interdependencies among different shipping freight markets. *Maritime Policy & Management*, 45(7), 837-849.
- [16] Lili Zhao, **Yi Xiao**, Guilin Dai. (2017). Impact of free trade zone efficacy on selecting benchmark to exploit fishery resources of Shandong Province. *China Population, Resources and Environment*, 27(07):169-176.
- [17] **Yi Xiao**, Shang Chen, Zhiquan Cao et al. (2016). Using the contingent valuation method to assess the value of ecosystem diversity maintenance of Shandong's marine protected areas. *Acta Ecologica Sinica*, 36(11):3321-3328.

## **CONFERENCE PAPERS AND PRESENTATION**

- [1] Kevin X Li, Grace Wang, K-C Lin, Guanqiu Qi, **Yi Xiao\***. (2019). “The effectiveness of the New Inspection Regime for Port State Control: Application of Tokyo MoU”, Proceedings of the Annual Conference of the International Association of Maritime Economics (IAME) 2019, 25-28 June 2019, Greece.
- [2] **Yi Xiao**, Mengjie Jin, Zhuo Chen, et al. (2019). “Evaluating the efficiency of Port State Control”, Proceedings of the International Forum on Shipping, Ports, and Airports (IFSPA) 2019, 20-24 May 2019, Hong Kong.
- [3] Grace Wang, **Yi Xiao** and Kevin Li\*. (2018). “Measuring environmental efficiency of cruise company considering corporate social responsibility.” International Association of Maritime Economists Conference (IAME) 2018, 11-14 September, Kenya.
- [4] **Yi Xiao**, K-C Lin, Mengjie Jin et al. (2018). “Determinants of maritime commercial maritime power: an AHP-Entropy method”, Proceedings of the 1st Conference of the Yangtze-River Research and Innovation Belt (Y-RIB), 2-4 December, 2018, Zhejiang, China.
- [5] Kevin X Li, **Yi Xiao\***, Wenming Shi. (2017). “A structured review of green shipping research (1987-2016)”, Proceedings of the Annual Conference of the International Association of Maritime Economics (IAME) 2017, 27-30 June 2017, Kyoto, Japan.

## **RESEARCH PROJECTS**

- [1] 2021/04-2021/06 Building Logistics Platform for China’s domestic trade for Elane which is a shipping digitization company in Beijing.
  - Analysis the possibility and difficulty in establishing the platform;
  - Design the main functions and confirm the social and economic benefits of the platform.
- [2] 2018/08-2019/08 University of Cambridge/Korea Foundation (RG94770)
  - Wrote research proposal and assisted to apply for the project;
  - Collaborated with Dr. Lin to do research about maritime power and wrote report.
- [3] 2017/08-2018/03 Measuring environmental efficiency of cruise company considering corporate social responsibility, which is supported by both Texas A&M University and Chung-Ang University.
  - Collaborated with Prof. Wang to do research about efficiency evaluation of cruise companies;
  - Wrote academic papers on the research content.
- [4] 2016/08-2017/03 Connectivity and Efficiency of Korean International Logistics System (NRF-2014S1A2027957)
  - Assisted Prof. Li to do research about logistics;
  - Wrote academic report and papers on the research content.

## **WORKING EXPERIENCE**

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- [1] 2023/01-now Ocean College, Zhejiang University, China, distinguished associate researcher
- [2] 2022/01-2022/12 International School of School of Business & Finance, Sun Yat-Sen University, China, distinguished associate researcher
- [3] 2019/09-2021/12 Ocean College, Zhejiang University, China  
Postdoc:
- Collaborate with Prof. Kevin Li to do research about maritime management, port management etc.;
  - Guide students to write their papers and thesis.
- [4] 2019/06-2020/06 Department of Politics and International Studies, University of Cambridge, UK  
Visiting scholar:
- Collaborated with Dr. Lin to do research about maritime power;
  - Wrote final report and prepared new project proposal.
- [5] 2018/07-2018/09 Department of Maritime Administration, Texas A&M University at Galveston, USA  
Visiting scholar:
- Collaborated with Prof. Wang to do research about green shipping;
  - Wrote academic report and papers on the research content.
- [6] 2016/08-2018/08 College of international trade and logistics, Chung-Ang University, Korea  
Research assistant:
- Assisted the professors to manage and finish research projects;
  - Gave guidance and comments on masters' thesis;
  - Taught the course named the international trade law.
- [7] 2014/03-2016/01 College of Economics, Ocean University of China, China  
Teaching assistant:
- Assisted the professors on teaching the courses including Introduction to Ocean, Economics, Trade Theory and Policy.
- [8] 2014/07-2015/07 First Institute of Oceanography of State Oceanic Administration, China  
Research assistant:
- Attended Shandong eco-compensation standard making project, mainly took charge of the background value evaluation and material compiling of Shandong ecological capital.