

Curriculum Vitae

FENG Xuehao, Ph.D

Professor, Distinguished Young Scholar of Zhejiang University

Ocean College, Zhejiang University, China

Office Room: Rm 832, Library Building

Office Phone: +86-0580-2092306

Office Address: Zhoushan Campus,

Zhejiang University,

Zhejiang Province, China

E-mail address: fengxuehao@zju.edu.cn



ACADEMIC APPOINTMENT & EMPLOYMENT (PROFESSIONAL EXPERIENCE)

2022.12—present	Professor	Ocean College, Zhejiang University, China
2017.12—2022.12	Associate Professor	Ocean College, Zhejiang University, China
2014.7—2017.12	Assistant Professor	Ocean College, Zhejiang University, China
2013.8—2014.6	Post Doctor	Department of Industrial Engineering, Seoul National University, Korea

EDUCATION BACKGROUND

2009.9—2013.7	Ph.D.	Department of Logistics Information Technology, Pusan National University, Korea
2007.9—2009.7	M.S.	Department of Logistics Management, Beijing Jiaotong University, China
2003.9—2007.7	B.S.	Department of Logistics Management, Beijing Jiaotong University, China

AWARD

1. Best Student Paper Award, co-authored by Kim, K.H., Jin, X.F. (student), Feng, X.H., *The PACON 2017 Conference*, 2017, Zhoushan, China.
2. Excellent Advisor Award, *The 3rd Provincial Ocean Knowledge Contest Among College Students*, Zhejiang Province, China, 2016.
3. Excellent Advisor Award, *The 9th National Ocean Knowledge Contest Among College and*

Secondary School Students, China, 2016.

4. Best Student Paper Award, co-authored by Kim, H.B. (student), Feng, X.H., Kim, K.H., *The 2015 International Conference on Logistics and Maritime Systems (LOGMS 2015)*, 2015, Hong Kong, China.
5. Excellent Friend of Freshmen, *Zhejiang University*, 2015.
6. Distinguished Young Scholar, *Zhejiang University*, 2014.
7. Best Paper Award, co-authored by Feng, X.H., Moon, I.K., Ryu, K.Y., *Supply Chain Management Association of Korea*, 2011.

INVITED SPEAKER & CONFERENCE

1. Discussant, International Forum on Maritime Logistics of One Belt One Road, 2017, Hangzhou, China
2. Session Chair, The One Belt One Road (OBOR) Conference, 2016, Melbourne, Australia.

PART-TIME ACADEMIC POSITION

1. **Associate Editor**, Maritime Policy & Management (SSCI)
2. **Associate Editor**, European Journal of Industrial Engineering (SCI)
3. **Guest Editor** (with Paul Tae-Woo Lee and Sung-Woo Lee), Maritime Policy & Management, Special Issue in Government Initiatives and The Spatial Transformation of Transport Systems, (The One Belt and One Road Conference, 2016, Melbourne, Australia).

RESEARCH PROJECT

1. Supply-chain-type development strategy and competitiveness cultivation for the port industry of Zhejiang Province under the global competition. *The Social Science Program of Zhejiang Province*, 2016.9-2018.9, Principal investigator.
2. Dual-channel for motivating the innovation of business mode at Zhoushan port under the background of big data. *The Soft Science Program of Zhejiang Province*, 2016.7-2018.6, Principal investigator.
3. Service innovation of the government of Yuyao City under the background of big data. *The Yuyao City Government*, 2015.12-2016.8, Principal investigator.
4. Optimization and algorithm design for the cruise network of archipelagos based on the weather forecast. *The Education Department of Zhejiang Province*, 2015.10-2017.10, Principal investigator.
5. Container repositioning and risk management in the hinterland-port-port-hinterland logistics network of China and South Korea. *The National Natural Science Foundation of China*, 2015.7-2017.6, Investigator.
6. Measurement and optimization of resilience of port-hinterland logistics transport networks under unconventional emergency events. *The National Natural Science Foundation of China*, 2015.1-2018.12, Investigator.
7. Supply chain optimization based on a point coalition mechanism. *The National Natural Science Foundation of China*, 2019.1-2021.12, Principal Investigator.
8. River-sea intermodal logistics network of containerized bulk commodities: Optimization and Coordination. *The National Natural Science Foundation of China*, 2022.1-2025.12, Principal Investigator.

PUBLICATION

Refereed SCI/SSCI Journal articles

30. **Feng, X.H.**, Li, D.K., and Zhou, Y.J.*, Resilient shuttle vehicle plan under route disruption scenarios and ticketing policies: A case study of the Qiandaohu archipelago scenic area, China. *Current Issues in Tourism*, 2024, accepted.
29. Wen, B.L., Kim, K.H., and **Feng, X.H.***, Sequencing ship operations considering the trajectory of the quay crane spreader. *Transportation Research Part B*, 2024, 186, 102987.
28. **Feng, X.H.**, Wen, B.L., and Moon, I.K.*, Universal point scheme with a platform and multiple retailers. *International Journal of Production Research*, 2024, 62(8), 2943-2962.
27. Shi, W.M., Yang, F.Y., **Feng, X.H.**, Liu, Y.Y., and Jin, M.J.*, Spatiotemporal heterogeneity of carbon dioxide emissions: Evidence from high-speed railway operations in China. *Transportation Research Record*, 2023, accepted.
26. **Feng, X.H.**, Wang, Z.L., Wang, Y.H., Yin, W.W., Chao, Y.Y., and Ye, G.Q.*, Improving resilience in an intermodal transport network via bulk cargo transport coordination and empty container repositioning. *Ocean and Coastal Management*, 2023, accepted.
25. Xu, C.Q., Liu, F.Z., Zhou, Y.Z.*, Dou, R.L., **Feng, X.H.**, and Shen, B., Manufacturers' emission reduction investment strategy under carbon cap-and-trade policy and uncertain low-carbon preferences. *Industrial Management & Data Systems*, 2023, accepted.
24. **Feng, X.H.**, Song, R., Yin, W.W., Yin, X.W., and Zhang, R.Y.*, Multimodal transportation network with cargo containerization technology: Advantages and challenges. *Transport Policy*, 2023, 132, 128-143.
23. Ye, G.Q., Zhou, J.Y., Yin, W.W., and **Feng, X.H.***, Are shore power and emission control area policies always effective together for pollutant emission reduction? – An analysis of their joint impacts at the post-pandemic era. *Ocean & Coastal Management*, 2022, 224, 106182.
22. Xu, J., Luo, C.L., Ng, C.T., **Feng, X.H.**, and Cheng, T.C.E., Remanufacturing with random yield in the presence of the take-back regulation. *Computers & Industrial Engineering*, 2022, 168, 108097.
21. **Feng, X.H.** He, Y.C., and Kim, K.H.*, Space planning considering congestion in container terminal yards. *Transportation Research Part B*, 2022, 158, 52-77.
20. **Feng, X.H.** Wen, B.L., and Moon, I.K.*, Universal point scheme with a platform and multiple retailers. *International Journal of Production Research*, 2021, accepted.
19. Lee, T.W., Hu, Z.H., Lee, S.J., **Feng, X.H.***, and Notteboom, T., Strategic locations for logistics distribution centers along the Belt and Road: Explorative analysis and research agenda. *Transport Policy*, 2022, 116, 24-47.

18. Yin, W.W., Wu, S.L., Zhao, X.Z., Shu, C.C., Xiao, Y., Ye, G.Q., Shi, W.M., and **Feng, X.H.***, Shore power management for green shipping under international river transportation. *Maritime Policy & Management*, 2021, DOI: 10.1080/03088839.2021.1983219.
17. Zhang, R.Y., Liu, Z.J., and **Feng, X.H.***, A novel flexible shuttle vehicle scheduling problem in scenic areas: Task-divided graph-based formulation and algorithm. *Computers & Industrial Engineering*, 2021, 107295.
16. Poo, M.C.P., Yang, Z.L.*, Dimitriu, D., Qu, Z.H., and **Feng, X.H.**, Climate Change Risk Indicators (CCRI) for seaports in the United Kingdom. *Ocean & Coastal Management*, 2021, 205, 105580.
15. Moon, I.K., Salhi, S., and **Feng, X.H.***, The location-routing problem with multi-compartment and multi-trip: formulation and heuristic approaches. *Transportmetrica A: Transport Science*, 2020, 16(3), 501-528.
14. Zhang, R.Y., Huang, C., and **Feng, X.H.***, Empty container repositioning with foldable containers in a river transport network considering the limitations of bridge heights. *Transportation Research Part A*, 2020, 133, 197-213.
13. Wang, X.Q., Wong, Y.D., Teo, C.C., Yuen, K.F.*, and **Feng, X.H.**, The four facets of self-collection service for e-commerce delivery: Conceptualisation and latent class analysis of user segments. *Electronic Commerce Research and Applications*, 2020, 39, 100896.
12. Moon, I.K., Xu J., Feng, X.H.*, and Ruan, X., Cooperative sales promotion with a point-sharing policy: Advantages and limitations. *Omega*, 2020, 94, 102038.
11. Li, L., Zhu, J.D., Ye, G.Q., and **Feng, X.H.***, Development of green ports with the consideration of coastal wave energy. *Sustainability*, 2018, 10, 4270.
10. Shi, W.M., Wang, G.G., Zhao, X., **Feng, X.H.**, and Wu, J*., Price determination in the electrolytic aluminum industry: The role of electricity prices. *Resources Policy*, 2018, 59, 274-281.
9. Zhang S.Z., Ruan X. Xia Y.Z. and **Feng X.H.*** Foldable container in empty container repositioning in intermodal transportation network of Belt and Road Initiative: Strengths and limitations. *Maritime Policy & Management*, 2018, 45(3), 351-369.
8. Ruan X., **Feng X.H.*** and Kelvin Pang. Development of port service network in OBOR via capacity sharing: an idea from Zhejiang province in China. *Maritime Policy & Management*, 2018, 45(1), 105-124.
7. Moon I.K. and **Feng X.H.***, Supply chain coordination with a single supplier and multiple retailers considering customer arrival times and route selection. *Transportation Research Part E*, 2017, 106, 78-97.
6. **Feng X.H.**, Moon I.K., and Ryu K.Y.*, Warehouse capacity sharing via transshipment for an integrated two-echelon supply chain. *Transportation Research Part E*, 2017, 104, 17-35.
5. **Feng X.H.**, Lee, Y.N., and Moon I.K.* , A integer program and a hybrid genetic algorithm for the university timetabling problem. *Optimization Methods & Software*, 2017, 32(3), 625-649.
4. **Feng X.H.**, Moon I.K.* and Ryu K.Y., Supply chain coordination under budget constraints. *Computers & Industrial Engineering*, 2015, 88, 487-500.
3. Moon I.K.*, **Feng X.H.** and Ryu K.Y., Channel coordination for multi-stage supply chains with revenue-sharing contracts under budget constraints, *International Journal of Production*

Research, 2015, 53(16), 4819-4836.

2. **Feng X.H.**, Moon I.K.* and Shin J.H., Hybrid genetic algorithms for the three-dimensional multiple container packing problem. *Flexible Service and Manufacturing Journal*, 2015, 27, 451-477.
1. **Feng X.H.**, Moon I.K.* and Ryu K.Y., Revenue-sharing contracts in an N-stage supply chain with reliability considerations. *International Journal of Production Economics*, 2014, 147, 20-29.

Conference papers

1. Moon, I.K., Shen, Q.R., Feng, X.H. Simulation analysis for demonstrating the economic competitiveness of Busan port in the northeast Asia. *The APMS 2018 Conference*, 2018, Seoul, South Korea
2. Kim, K.H., Jin, X.F., **Feng, X.H.** Logistics resource sharing, *The PACON 2017 Conference*, 2017, Zhoushan, China
3. Zhang, H., Ruan, X., **Feng, X.H.** The primary exploration of concept “beautiful island tourism belt” of new marine silk road strategy, *The One Belt One Road (OBOR) Conference*, 2016, Melbourne, Australia
4. Zhang, S.Z., Ruan, X., **Feng, X.H.** Foldable container in empty container repositioning in intermodal transportation network of OROB: Strengths and limitations, *The One Belt One Road (OBOR) Conference*, 2016, Melbourne, Australia
5. Kim, K.H. Park, K.T., Ruan, X., **Feng, X.H.**, Sharing storage spaces in warehouses owned by independent profit makers, *The 2016 International Conference on Logistics and Maritime Systems (LOGMS 2016)*, 2016, Sydney, Australia
6. **Feng, X.H.**, Cheng, Y., Wu, Y.Z., Zhang, S.Z. Customer satisfaction of bike sharing systems and an artificial bee colony algorithm for bike repositioning problem, *The 46th International Conference on Computers & Industrial Engineering (CIE46)*, 2016, Tianjin, China
7. Kim, H.B., **Feng, X.H.**, Kim, K.H. Collaborative inter-terminal transshipment of containers and benefit allocation, *The 2015 International Conference on Logistics and Maritime Systems (LOGMS 2015)*, 2015, Hong Kong, China
8. **Feng, X.H.**, Moon I.K. Channel coordination with a single supplier and multiple retailers considering customer arrivals and route selection, *The 20th Conference of the International Federation of Operational Research Societies (IFORS 2014)*, 2014, Barcelona, Spain
9. **Feng, X.H.**, Ryu, K.Y., Moon, I.K. A vendor managed inventory model with transshipment for a two-echelon supply chain, *The 9th International Conference on Intelligent Manufacturing & Logistics Systems (IML 2013)*, 2013, Shanghai, China
10. Moon, I.K., **Feng, X.H.**, Shin, J.H., Kim, S.C. Hybrid genetic algorithms for the three-dimensional multiple container packing problem, *The 2012 International Conference on Logistics and Maritime Systems (LOGMS 2012)*, 2012, Bremen, Germany
11. **Feng, X.H.**, Moon, I.K., Ryu, K.Y., Kim, S.C. Coordination of supply chains under budget constraints, *The 17th International Symposium on Inventories (ISIR 2012)*, 2012, Budapest, Hungary
12. **Feng, X.H.**, Moon, I.K., Ryu, K.Y., Revenue sharing contract in an N-Stage supply chain considering Reliabilities, *The 21st International Conference on Production Research (ICPR 21)*, 2011, Stuttgart, Germany

13. **Feng, X.H.**, Moon, I.K. Revenue sharing contracts in an N-stage supply chain, *The 15th Annual International Conference on Industrial Engineering Theory, Applications & Practice*, 2010, Mexico city, Mexico

REVIEW FOR INTERNATIONAL JOURNALS

- Flexible Services and Manufacturing Journal
- IEEE Systems Journal
- Maritime Policy & Management
- Omega-The International Journal of Management Science
- Transportation Research Part E: Logistics and Transportation Review
- Computers & Industrial Engineering
- Maritime Policy & Management
- Journal of the Operational Research Society
- Natural Computation
- International Journal of Shipping and Transport Logistics
- European Journal of Industrial Engineering
- Asia-Pacific Journal of Operational Research
- Industrial Engineering & Management Systems