



## Yihui Tian



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Faculty: Faculty of Business  
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### Links

- LinkedIn:
- ORCID: <https://orcid.org/my-orcid>
- Google Scholar:  
<https://scholar.google.com.hk/citations?user=GbPcy3gAAAAJ&hl=zh-CN>
- Mendeley:
- Publons:
- ResearchGate: <https://www.researchgate.net/profile/Yihui-Tian>
- Academia.edu:
- SSRN:

### Teaching and Research Areas:

Sustainable Supply Chain Management

Industrial and Regional GHG Emission Mitigation

Operations Management

Management Information System

Research Methods



**Education:**

Ph.D. in Business Management, Dalian University of Technology, Dec. 2013

Major: Environmental Management

BA in Management, Dalian University of Technology, Jun. 2006

Major: Information Management and Information Systems

**Academic Appointments:**

*City University of Macau, Macau, China*

Associate Professor 2021-present

*Dalian University of Technology, Dalian, China*

Associate Professor 2016-2021

Assistant Professor 2013-2016

*The Hong Kong Polytechnic University, Hong Kong, China*

Postdoctoral Research Fellow 2016-2018

**Teaching Experiences:**

*City University of Macau*

Management Information System

International Operations Management Strategy

Research Methods

*Dalian University of Technology*

Operations Management

Green Supply Chain Management

Resource, Environment and Sustainable Management

**Representative Publications:**

*Books*

Azevedo, S., Cruz-Machado, V., Hofstetter, J., Cudney, E., Yihui Tian. (2013), Chapter title: 'Importance of green and resilient SCM practices for the competitiveness of the automotive industry', Reverse supply Chains issues and analysis, CRC Press, ISBN 978-1-439-89902-1, 229-252.

#### Publications in Refereed Journals

- (1) Haifen Lin, Tingchen Qu, Li Li, Yihui Tian (2019). The paradox of stability and change: a case study, *Chinese Management Studies*, 14(1), 185-21.
- (2) Wenhua Wang, Yihui Tian, Qinghua Zhu (2017). Barriers for household e-waste collection in China: Perspectives from formal collecting enterprises in Liaoning Province, *Journal of Cleaner Production*, 153, 299-308.
- (3) Peijia Huang, Juan Zhao, Yong Geng, Yihui Tian, Ping Jiang (2017). Energy-related GHG emissions of the textile industry in China, *Resources, Conservation and Recycling*, 119, 69-77.
- (4) Qinghua Zhu, Yihui Tian (2016). Developing a remanufacturing supply chain management system: A case of a successful truck engine remanufacturer in China, *Production Planning & Control*, 27(9), 708-716.
- (5) Martin Agyemang, Qinghua Zhu, Yihui Tian (2016). Analysis of Opportunities for Greenhouse Emission Reduction in the Global Supply Chains of Cashew Industry in West Africa , *Journal of Cleaner Production*, 115, 149-161.
- (6) Yunting Feng, Yihui Tian, Qinghua Zhu (2016). A combined input-output/Decision Making Trial and Evaluation Laboratory method for evaluating effect of the remanufacturing sector development, *Journal of Cleaner Production*, 114, 103-113.
- (7) Yihui Tian, Qinghua Zhu (2015). Greenhouse Gas Emission Assessment of Chinese Container Terminals: A Hybrid Approach of IPCC method and Input-Output Analysis, *International Journal of Shipping and Transport Logistics*, 7(6), 758-779.
- (8) Yihui Tian, Kannan Govindan, Qinghua Zhu (2014). A system dynamics model based on evolutionary game theory for green supply chain management diffusion among manufactures. *Journal of Cleaner Production*, 80, 96-105. (Highly cited paper)
- (9) Yihui Tian, Qinghua Zhu, Kee-hung Lai, Y.H. Venus Lun (2014). Analysis of greenhouse gas emissions of freight transport sector in China. *Journal of Transport Geography*, 40, 43-52.
- (10) Yihui Tian, Qinghua Zhu, Yong Geng (2013). An analysis of energy-related greenhouse gas emissions in the Chinese iron and steel industry. *Energy Policy*, 56: 352-361. (Highly cited paper)
- (11) Qinghua Zhu, Yihui Tian, Joseph Sarkis (2012). Diffusion of selected green supply chain management practices: an assessment of Chinese enterprises. *Production Planning & Control*, 23(10-11): 837-850.
- (12) 田一辉, 朱庆华, 政府价格补贴下绿色供应链管理扩散博弈模型, *系统工程学报*, 2016, 31(4), 526-535.

- (13) 朱庆华, 冯云婷, 田一辉, 基于投入产出法的中国再制造产业经济影响分析, 中国软科学, 2014, 6, 34-43. (管经学部国内 A 类) (ISSN:1002-9753)
- (14) 朱庆华, 王一雷, 田一辉, 基于系统动力学的地方政府与制造企业碳减排演化博弈分析, 运筹与管理, 2014, 23(3), 71-82. (管经学部国内 A 类) (ISSN:1007-3221)
- (15) 李英, 朱庆华, 田一辉, 基于创新扩散理论的中国绿色食品认证与生产发展研究, 大连理工大学学报(社科版), 2013, 34(4), 25-30. (ISSN:1008-407X)
- (16) 朱庆华, 田一辉, 企业实施绿色供应链管理动力模型研究, 管理学报, 2010, 7(5), 723-727. (管经学部国内 B 类)(ISSN:1672-884X)
- (17) 赵鸿, 武春友, 田一辉 (2008), 资源型产业集群的转型路径, 大连海事大学学报(社科版), 7(5), 83-86. (ISSN:1671-7031)

*Commissioned Research Projects*

- (1) Principal Investigator. **National Natural Science Foundation of China** (71402016, Jan 2015 - Dec 2017): A study on green supply chain management diffusion mechanism among manufacturing enterprises.
- (1) Principal Investigator. **Hong Kong Scholar Program** (2015-136, Jun 2016 - Jun 2018): Environmental supply chain resilience.
- (3) Co-Investigator. **National Key Basic Research Development Plan** (2011CB013406, Nov 2011 – Oct 2016): Decision support and comprehensive evaluation theory of remanufacturing process.
- (4) Co-Investigator. **National Science Fund for Distinguished Young Scholars** (71025002, Jan 2011 - Dec 2014): Logistics and supply chain management.