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Education Background

- 2023.11 – present • **National University of Singapore (NUS)**
Visiting Scholar
- 2019.09 – present • **University of Science and Technology of China (USTC)**
Research Interests: *CSR, Low-carbon(green) innovation.*
- 2015.09 – 2019.07 • **Dalian University of Technology (DUT)**
Bachelor of Management: *Human Resource Management.*

Research Project Experience

- 2022.09 – present • **Research on Environmental, Social and Governance (ESG) Information Disclosure in Chinese listed firms** (Principal investigator).
- 2022.11 – 2023.03 • **Digital Transformation and Automobile Recall Management** (Principal investigator).
- 2019.09 – 2022.06 • **Information Model and Product Recall Management.** (Participation).
- 2018.02 – 2019.02 • **Climate Change and Regional Instability.** (Principal investigator).
- 2017.08 – 2017.10 • **Research on the Sustainable Development of Panjin Port.** (Principal investigator).

Research Publications

Journal Articles

- 1 R. Qiao, X. Liu, S. Gao, *et al.*, “Industrialization, urbanization, and innovation: Nonlinear drivers of carbon emissions in chinese cities,” *Applied Energy*, vol. 358, p. 122 598, 2024, ISSN: 0306-2619. [DOI: https://doi.org/10.1016/j.apenergy.2023.122598](https://doi.org/10.1016/j.apenergy.2023.122598).
- 2 R. Qiao, Z. Wu, Q. Jiang, *et al.*, “The nonlinear influence of land conveyance on urban carbon emissions: An interpretable ensemble learning-based approach,” *Land Use Policy*, vol. 140, p. 107 117, 2024, ISSN: 0264-8377. [DOI: https://doi.org/10.1016/j.landusepol.2024.107117](https://doi.org/10.1016/j.landusepol.2024.107117).
- 3 L. Xia, S. Gao, Q. Shao, J. Wei, and Z. Li, “Board interlock networks and corporate low-carbon innovation in china: Does position matter?” *IEEE Transactions on Engineering Management*, vol. 71, pp. 6950–6967, 2024. [DOI: 10.1109/TEM.2023.3276999](https://doi.org/10.1109/TEM.2023.3276999).
- 4 L. Xia, Q. Shao, J. Wei, and Z. Li, “Untangling the relationship between corporate political ties and low-carbon innovation: The moderating roles of prominence and favorability,” *IEEE Transactions on Engineering Management*, vol. 71, pp. 3430–3447, 2024. [DOI: 10.1109/TEM.2023.3343461](https://doi.org/10.1109/TEM.2023.3343461).
- 5 R. Qiao, Z. Wu, S. Gao, Q. Jiang, L. Xia, and M. Chen, “Towards inclusive underground public transportation: Gender differences on thermal comfort,” *Building and Environment*, vol. 242, p. 110 569, 2023, ISSN: 0360-1323. [DOI: https://doi.org/10.1016/j.buildenv.2023.110569](https://doi.org/10.1016/j.buildenv.2023.110569).
- 6 S. Gao, J. W. Bull, Z. Wu, R. Qiao, L. Xia, and M. K. Lim, “China’s restoration fees require transparency,” *Science*, vol. 377, no. 6604, pp. 379–380, 2022. [DOI: 10.1126/science.add5125](https://doi.org/10.1126/science.add5125). eprint: <https://www.science.org/doi/pdf/10.1126/science.add5125>.

- 7 S. Gao, M. K. Lim, R. Qiao, C. Li, Y. Qu, and **L. Xia**, "Identifying critical failure factors of green supply chain management in china's smes with a hierarchical cause-effect model," *Environment, Development and Sustainability*, vol. 24, pp. 5641–5666, 2022. [DOI: https://doi.org/10.1007/s10668-021-01675-8](https://doi.org/10.1007/s10668-021-01675-8).
- 8 **L. Xia**, S. Gao, J. Wei, and Q. Ding, "Government subsidy and corporate green innovation - does board governance play a role?" *Energy Policy*, vol. 161, p. 112 720, 2022, ISSN: 0301-4215. [DOI: https://doi.org/10.1016/j.enpol.2021.112720](https://doi.org/10.1016/j.enpol.2021.112720).
- 9 S. Gao, R. Qiao, M. K. Lim, C. Li, Y. Qu, and **L. Xia**, "Integrating corporate website information into qualitative assessment for benchmarking green supply chain management practices for the chemical industry," *Journal of Cleaner Production*, vol. 311, p. 127 590, 2021. [DOI: https://doi.org/10.1016/j.jclepro.2021.127590](https://doi.org/10.1016/j.jclepro.2021.127590).
- 10 C. Li, S. Gao, and **L. Xia**, "Tourism development projects and nature loss on xuedou mountain, china," *Oryx*, vol. 55, pp. 11–11, 2020, ISSN: 0921-3449. [DOI: 10.1017/S0030605320001192](https://doi.org/10.1017/S0030605320001192).
- 11 M.-L. Tseng, C.-H. Chang, K.-J. Wu, Q. Chen, **L. Xia**, and B. Xue, "Future trends and guidance for the triple bottom line and sustainability: A data driven bibliometric analysis," *Environmental Science and Pollution Research*, vol. 57, pp. 83–100, 2020. [DOI: 10.1007/s11356-020-09284-0](https://doi.org/10.1007/s11356-020-09284-0).
- 12 **L. Xia**, J. Wei, S. Gao, and B. Ma, "Promoting corporate sustainability through sustainable resource management: A hybrid decision-making approach incorporating social media data," *Environmental Impact Assessment Review*, vol. 85, no. 106459, 2020, ISSN: 0195-9255. [DOI: 10.1016/j.eiar.2020.106459](https://doi.org/10.1016/j.eiar.2020.106459).
- 13 K.-J. Wu, S. Gao, **L. Xia**, M.-L. Tseng, A. S. Chiu, and Z. Zhang, "Enhancing corporate knowledge management and sustainable development: An inter-dependent hierarchical structure under linguistic preferences," *Resources Conservation & Recycling*, vol. 146, pp. 560–579, 2019, ISSN: 0921-3449. [DOI: 10.1016/j.resconrec.2019.03.015](https://doi.org/10.1016/j.resconrec.2019.03.015).

Interests & Skills

- Languages • IELTS Band: 6.5, CET Band 6: 548, Mandarin Chinese
- Coding • Python, \LaTeX , ...
- Misc. • Programming and reading.

Honors & Awards

Awards and Achievements

- 2020 • **Chinese National Scholarship of Postgraduate Student (1%).**
- **First-Class Academic Scholarship of USTC.**
- 2019 • **Top Grade**, Network Engineer, National Computer Rank Examination (5%).
- 2018 • **First Price**, Dalian Undergraduate Mathematics Competition (5%).
- **First Prize**, National B+ Business Simulation Competition (3%).
- 2020 • **Second Price**, Internet+ Innovation and Entrepreneurship Competition (USTC) (10%).
- 2016 • **Second Price**, Learning Excellence Award (DUT) (10%).

Certification

- 2019 • **Outstanding Student Cadres (5%)**
- **Excellent Volunteer of USTC (5%)**
- **Outstanding Graduates of Dalian University of Technology (DUT) (10%)**
- 2018 • **Technological Innovation Award (DUT) (5%)**
- 2017 • **Technological Innovation Award (5%)**
- 2015 • **Chinese Chemistry Olympiad (CChO) (1%)**

Professional Services

<i>Journal Reviewer</i>	Asia-Pacific Journal of Management (SSCI)
	Journal of Environmental Management (SCI & SSCI)
	Environment, Development and Sustainability (SSCI)
	Applied Economics (SSCI)
	Applied Economics Letters (SSCI)
	Journal of the Knowledge Economy (SSCI)
	International Journal of Emerging Markets (SSCI)
	Journal of Infrastructure, Policy and Development (ESCI)
	IEEE Transactions on Human - Machine Systems (SCI)
<i>Topic Editor</i>	Frontiers in Sustainability ('Sustainable Urban Development in the Anthropocene')