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 29th May, 1999


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 [Google Scholar](#)  [ResearchGate](#)  [Scopus](#)  [Web of Science](#)

 [Sergio-Jensen](#)  sergio-jensen.github.io

RESEARCH INTEREST






Complex Network; Computational Politics; Climate Change and Environmental Economics; Mathematical Statistics

EDUCATION

- | | |
|------------------------|--|
| Sept. 2024 – |  Ph.D.-student of Politics
in Shanghai Jiao Tong University , School of International and Public Affairs.
Research Area: Global Governance, Quantitative Politics, Complex Network. |
| Sept. 2021 – Jun. 2023 |  Master of International Business
in Shanghai international Studies University , School of Finance and Economics.
Research Area: Corporate Finance, Environmental Economics, International Trade, Complex Network.
Thesis: <i>The Approach of the Knowledge Complexity Promoting the National Economic Growth.</i> |
| Sept. 2017 – Jun. 2021 |  B.Sc. Applied Chemistry
in Nankai University , College of Chemistry.
Research Area: Computational Chemistry, symiddle molecule.
Thesis: <i>Synthesis and Properties of Organic Molecules for Disposing the Formaldehyde Wastewater.</i> |

PUBLICATIONS

Economics and Management

- 1 S.-S. S. Tsiong, "Located by geopolitical shock," *Open Economies Review*, 2026.
- 2 S.-S. S. Tsiong, S. Li, and M. Zhang, "Rethinking the competition of export trade based on the bipartite network," *Chaos, Solitons & Fractals*, vol. 203, p. 117 677, 2026.  DOI: [10.1016/j.chaos.2025.117677](https://doi.org/10.1016/j.chaos.2025.117677)
- 3 S.-S. S. Tsiong and H. Liu, "Is productive service intermediate input a good instrument for enhancing the global value chain participation?" *Structural Change and Economic Dynamics*, vol. 75, pp. 638–653, 2025.  DOI: [10.1016/j.strueco.2025.10.002](https://doi.org/10.1016/j.strueco.2025.10.002)
- 4 S. Zhang, "The impact of digital transformation on esg performance and the moderation of mixed-ownership reform: The evidence from chinese state-owned enterprises," *Corporate Social Responsibility and Environmental Management*, vol. 31, no. 3, pp. 2195–2210, 2024.  DOI: [10.1002/csr.2656](https://doi.org/10.1002/csr.2656)
- 5 S. Zhang and P. Zhang, "A new approach on measuring the knowledge complexity in the view of the bipartite network," *Applied Economics Letters*, vol. 31, no. 2, pp. 146–151, 2024.  DOI: [10.1080/13504851.2022.2128290](https://doi.org/10.1080/13504851.2022.2128290)
- 6 S. S. Zhang, "Knowledge complexity based on coupled equations within the bipartite network," *Information Sciences*, vol. 677, p. 120 937, 2024.  DOI: [10.1016/j.ins.2024.120937](https://doi.org/10.1016/j.ins.2024.120937)

International Relations and Politics

- 1 T. Wu, S. Zhang, and H. Liu, "The intensity of outside options, vertex centrality and imf conditionality," *World Economics and Politics (in Chinese)*, 2026.

WORKING PAPERS

Economics and Management

- 1 S. Li and S.-S. S. Tsiong, "Governmental venture capital fund honeys sustainable investment."
- 2 S.-S. S. Tsiong and L. Sun, "How will geopolitical risk play its role in the global value chain?"
- 3 S.-S. S. Tsiong and M. Zhang, "Are both quantity and quality of green innovation exalted in polluting firms under environmental regulation?"

International Relations and Politics

- 1 H. Lin, S.-S. S. Tsiong, and H. Liu, "Legitimizing sanctions: The role FATF in global anti-terrorist financing revisited."
- 2 S.-S. S. Tsiong and H. Liu, "IMF "rescues" populism: How social trust comes into effect."
- 3 S. Zhang and H. Liu, "The impact of international monetary fund loan conditionality on populism—an empirical study using mixed-methods."


PEER REVIEW EXPERIENCE

As a Reviewer






Corporate Social Responsibility and Environmental Management; Eurasian Business Review; Journal of Infrastructure, Policy and Development; Eco Cities.




ACADEMIC ASSOCIATION

Jul. 2023  Shanghai Statistical Society, Invited Researcher

HONOR & AWARD

- 2016  30th Chinese Chemistry Olympiad (CChO) - **1st** Prize
 33rd Chinese Physics Olympiad (CPhO) - **3rd** Prize
 25th China High School Biology Olympiad (CHSBO) - **2nd** Prize

SKILL

- Programming Language  R (Package Encoding, Program Design, Network Modeling, Visualization), Visual Basic, Python (Crawler, Deep Learning)
- Programming Tool  R Studio, Visual Studio, Python
- Mathematical Tool  Mathematica, Matlab, VBA for Excel (Macro), stata