

Curriculum Vitae

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Education

- 2021-present **Doctor of Science, Applied psychology**
• Institute of Psychology, Chinese Academy of Sciences, Beijing, China
- 2017-2021 **Bachelor of Science, Applied psychology**
• Nanchang University, Jiangxi, China

My research interests

- Designing behavioural game experiments to investigate climate action.
- Examining inequality in climate-related psychology and behaviour.
- Developing low-cost tools to enhance public support for climate policies and action.

Publications

Journal Articles

- [1] Ji, Z., Gong, Y., **Tian, J.**, Tong, Z., Tian, X., Sun, Y. (2025). The effects of second-order climate beliefs on environmental communication behavior: The mediating role of environmental discussion efficacy. *Journal of Environmental Psychology*, 102746. (**SCI/SSCI, Q1, 5-year IF = 8.7**)
- [2] Li, Y., Liu, H., **Tian, J.**, Gong, Y., Sun, Y. (2025). Enhancing Eco-friendly Product Purchase through Connectedness to Nature: The Role of Mediating Mechanisms. *International Journal of Consumer Studies* (**SCI/SSCI, Q1, 5-year IF = 9.7**)
- [3] **Tian, J.**, Gong, Y., Zeng, C., Tian, X., Li, Y., Zheng, X., Sun, Y. (2025). Interpersonal environmental communication promotes pro-environmental behaviors: a systematic examination across time and groups. *Journal of Environmental Management*, 389, 126191. (**SCI/SSCI, Q1, IF = 8.4**)
- [4] Ji, Z., **Tian, J.**, Gong, Y., Li, Y., & Sun, Y. (2025). Factors Influencing Public Support for Individual Low-carbon Behavior Reward System in China: The Intertemporally Stabilizing Predictive Role of Climate Change Perceptions and Macroeconomic Expectations. *Sustainability Science*, 1-15. (**SCI/SSCI, Q1, IF = 5.3**)

- [5] **Tian, J.**, Li, Y., Sun, Y., Yang, B., & Chen, X. (2024). Warming climate apathy to mitigate the disparity in climate policy support across distinct income strata. *Energy Policy*, 192, 114245. **(SCI/SSCI, Q1, IF = 9.3)**
- [6] Zong, X.#, **Tian, J.#**, Zheng, X., Tong, Z., She, S., & Sun, Y. (2024). Influence of climate change beliefs on adolescent food saving behavior: mechanisms mediating environmental concerns. *Environment, Development and Sustainability*, 1-19. **(SCI/SSCI, Q1, IF = 4.9)**
- [7] Li, Y., Liang, Y., **Tian, J.**, Sun, Y., & Meng, M. (2024). How to win public support for financial climate policies: both climate anxiety and economic anticipation work. *Climate and Development*, 1 -9. **(SCI/SSCI, Q1, IF = 4.3)**
- [8] **Tian, J.**, Gong, Y., Li, Y., Sun, Y., & Chen, X. (2023). Children-led environmental communication fosters their own and parents' conservation behavior. *Sustainable Production and Consumption*, 42, 322-334. **(SCI/SSCI, Q1, IF = 12.1)**
- [9] **Tian, J.#**, Zheng, X.#, & Sun, Y. (2023). Fostering public climate change discussions from a social interaction perspective. *Frontiers in Psychology*, 14. **(SCI/SSCI, Q1, IF = 3.8)**
- [10]Gong, Y., **Tian, J.**, Li, Y., Zhou, J., Pongpiachan, S., Chen, X., & Sun, Y. (2023). Mitigating Perceived Environment Insignificance Through Information Engagement. *Science Communication*, 45(4), 431-459. **(SCI/SSCI, Q1, IF = 9)**
- [11]Sun, Y., Chen, X., Gong, Y., **Tian, J.**, Ji, Z., Li, Y., ... & Zhang, L. (2023). Progress and development suggestions for psychological research on climate change. *Bulletin of Chinese Academy of Sciences (Chinese Version)*, 38(8), 1197-1211.
- [12]**Tian, J.**, Gong, Y., Li, Y., Chen, X., Zhang, L., & Sun, Y. (2022). Can policy implementation increase public waste sorting behavior? The comparison between regions with and without waste sorting policy implementation in China. *Journal of Cleaner Production*, 363, 132401. **(SCI/SSCI, Q1, IF = 11.1)**
- [13]**Tian, J.**, Sun, M., Gong, Y., Chen, X., & Sun, Y. (2022). Chinese residents' attitudes toward consumption-side climate policy: The role of climate change perception and environmental topic involvement. *Resources, Conservation and Recycling*, 182, 106294. **(SCI/SSCI, Q1, IF = 13.72)**
- [14]Yue, D.#, Tong, Z.#, **Tian, J.**, Li, Y., Zhang, L., & Sun, Y. (2021). Anthropomorphic strategies promote wildlife conservation through empathy the moderation role of the public epidemic situation. *International Journal of Environmental Research and Public Health*, 18(7), 3565. **(SCI/SSCI, Q1, IF = 4.6)**
- [15]Long, Z., **Tian. J.**, Yang, J., Zhang, L., & Sun, Y. (2021). Study on Characteristics of Environmental Awareness Among Adolescents. *Environment Science and Management (In Chinese)*, 46(4), 5-8.

Working Papers

- [16]Li, Y., **Tian, J.**, & Sun, Y. (Under Review) Perceived fairness during extreme weather events enhances public acceptability of climate policies. *Weather, Climate, and Society*
- [17]**Tian, J.**, Gong, Y., Li, Y., Lee, T. M., & Sun, Y. (Under Review). The climate minds among different social class: interpersonal communication, risk perceptions and climate policy support.

- [18] **Tian, J.**, Li, Y., Jiang, K., Sun, Y. (Under Review) Addressing the public cost-benefit dilemma requires collective effort.
- [19] **Tian, J.**, Dewitte, S., Zeng, C., Lee, T. M., Pan, R., Sun, Y. (Under Review) Artificial Intelligence's Understanding of the Human-Nature Relationship.
- [20] **Tian, J.**, Jiang, K., Wei, C., Li, Y., Sun, Y. (working paper) Assessing the Feasibility of Achieving Paris Agreement Targets: Insights from the Emissions Game Paradigm.
- [21] Wang, Y., **Tian, J.**, Sun, Y. (working paper) From Costs to Fairness: How Income Shapes Public Support for Climate Policies.
- [22] **Tian, J.**, Gong, Y., Sun, M., & Sun, Y. (working paper). Uncovering Complex Relationships: Advancing Climate Change Research with Bayesian Kernel Machine Regression.

Conferences Papers

- [23] Qi, Y., Fu, F., **Tian, J.**, & Sun, Y. (2024, October). Can AI Be Environmentally Responsible? A Comparative Study on the Pro-Environmental Portrait of ChatGPT and Chinese Respondents. In 2024 1st International Conference on Artificial Intelligence and Teacher Education (ICAITE).
- [24] Fu, F., **Tian, J.**, Zhao, Z., Tong, Z., & Sun, Y. (2023, June). The Influence of Social Emotion Representation Framework on Residents ' Water-Saving Education Project. In 2023 4th International Conference on Education, Knowledge and Information Management (ICEKIM 2023) (pp. 822-827). Atlantis Press.
- [25] Lun, X., **Tian, J.**, Zhao, Z., Tong, Z., & Sun, Y. (2022, November). Research on The Classification and Application of Social Emotional Information in Water-saving Education Based on Facial Recognition Technology. In 2022 3rd International Conference on Information Science and Education (ICISE-IE) (pp. 1-5). IEEE.

Other Research Experience

- 2025-present **Chinese Psychological Society: 3 awardees nationwide.** China Association for Science and Technology (CAST). National Youth Talent Training Program - Doctoral Fellowship.
- 2025-present **Research Participant.** Ministry of Ecology and Environment of China (MEE) Research Project. "Assessing the Effects of Central Atmospheric Supervision and Assistance on the Modernization of Local Environmental Governance Systems and Governance Capacity"
- 2023-present **Collaborator.** International Energy Agency (IEA) Greenhouse Gas R&D Programme "Carbon Capture, Utilisation & Storage (CCUS) and Public Perception."
- 2020-2022 **Principal Investigator.** China National University Student Innovation & Entrepreneurship Development Program "Compliance with Laws or Social Pressure: Research on Individual Social Judgment and Its Mechanisms in the Context of COVID-19."

2019-2022 **Collaborator.** China Provincial and ministerial-level scientific research training program
“*Research on the construction of a dynamic assessment system for college students' psychological crisis.*”

Professional Affiliations and Memberships

- 2021-present Chinese Psychological Society (Member)
- 2024-present Journal of Environmental Psychology (Reviewer)
- 2025-present Environmental Research Letters (Reviewer)
- 2025-present Energy Research & Social Science (Reviewer)
- 2025-present Humanities and Social Sciences Communications (Reviewer)
- 2025-present Discover Sustainability (Reviewer)
- 2025-present Scientific Reports (Reviewer)
- 2025-present Frontiers in Psychology (Reviewer)

Honors and Awards

- 2024 National Scholarship for Graduates, China
- 2024 Academic Scholarship, University of Chinese Academy of Sciences
- 2023 Excellent Merit Student, University of Chinese Academy of Sciences
- 2023 Merit Student, University of Chinese Academy of Sciences
- 2023 National Scholarship for Graduates, China
- 2023 Extraordinary Scholarship, University of Chinese Academy of Sciences
- 2023 Academic Scholarship, University of Chinese Academy of Sciences
- 2022 Director's Scholarship, Institute of Psychology, Chinese Academy of Sciences
- 2022 Extraordinary Scholarship, University of Chinese Academy of Sciences
- 2022 Merit Student, University of Chinese Academy of Sciences
- 2022 Academic Scholarship, University of Chinese Academy of Sciences
- 2021 Undergraduate Scholarship, University of Chinese Academy of Sciences
- 2021 Academic Scholarship, University of Chinese Academy of Sciences
- 2020 Second Prize of the 17th May Day Mathematical Modeling Competition, Jiangsu Society for Industrial and Applied Mathematics
- 2019 Third Prize of Mathematical Modeling Competition, Nanchang University

- 2018 First-class Scholarship, Nanchang University
2018 Merit Student, Nanchang University

Skills

- [1] **Programming Languages:** R, Python
- [2] **Data Analysis Software:** SPSS, Mplus, AMOS, Jamovi
- [3] **Design Software:** Psychopy, E-prime