

Curriculum Vitae

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Profile Summary

PhD candidate in Environmental Psychology focusing on climate action, climate inequality, and behavioural game experiments. Published 15+ SCI/SSCI papers, including 7 first-/co-first-author Q1 publications, and contributed to multiple national-level policy projects (CAST, MEE) and international collaborations (IEA). Experienced with behavioural experiments, advanced statistical modelling, and climate-policy research. Reviewer for top journals including Journal of Environmental Psychology, Environmental Research Letters, Energy Research & Social Science, etc.

Education

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- 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

Research interests

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- 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

First-/Co-First-Author Journal Articles

- [1] **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, IF TOP 10%**)

- [2] **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, IF TOP 2%**)
- [3] 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**)
- [4] **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, IF TOP 5%**)
- [5] **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**)
- [6] **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, IF TOP 5%**)
- [7] **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, IF TOP 5%**)

Co-Authored Journal Articles

- [8] 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**)
- [9] 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**)
- [10] 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**)
- [11] 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**)
- [12] 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**)
- [13] 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.

- [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.
- [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.

Research Grants

2025-present	China Association for Science and Technology (CAST). National Youth Talent Training Program - Doctoral Fellowship. (Chinese Psychological Society: 3 awardees nationwide)
2025-present	Ministry of Ecology and Environment of China (MEE) Research Project. “ <i>Assessing the Effects of Central Atmospheric Supervision and Assistance on the Modernization of Local Environmental Governance Systems and Governance Capacity</i> ” (Research Participant)
2025-present	State Key Laboratory of Cognitive Science and Mental Health, IPCAS. “ <i>Research on Protective and Risk Factors of Natural Environment Impacting Mental Health and Development of Targeted Intervention Systems</i> ” (Research Participant)
2023-present	International Energy Agency (IEA) Greenhouse Gas R&D Programme “ <i>Carbon Capture, Utilisation & Storage (CCUS) and Public Perception.</i> ”(Research Participant)
2019-2023	Major Project of the National Social Science Foundation of China. “ <i>Research on Regulatory Systems for Advancing Green Consumption Upgrades Among Residents</i> ”. (Research Participant)
2019-2023	National Social Science Foundation of China. (Research Participant)
2019-2023	Scientific Foundation of Institute of Psychology, Chinese Academy of Sciences. (Research Participant)
2019-2023	CAS Engineering Laboratory for Psychological Service. (Research Participant)
2020-2022	China National University Student Innovation & Entrepreneurship Development Program “ <i>Compliance with Laws or Social Pressure: Research on Individual Social Judgment and Its Mechanisms in the Context of COVID-19.</i> ” (Principal Investigator)
2019-2022	China Provincial and ministerial-level scientific research training program “ <i>Research on the construction of a dynamic assessment system for college students' psychological crisis.</i> ” (Research Participant)

Professional Affiliations and Memberships

2021-present	Chinese Psychological Society (Member)
2025	Journal of Environmental Psychology (Anonymous reviewers)
2025	Environmental Research Letters (Anonymous reviewers)
2025	Energy Research & Social Science (Anonymous reviewers)
2025	Humanities and Social Sciences Communications (Anonymous reviewers)
2025	Discover Sustainability (Anonymous reviewers)

2024	Scientific Reports (Anonymous reviewers)
2024	Frontiers in Psychology (Anonymous reviewers; Invited Topic Editor)

Awards & Honors

2023, 2024	National Scholarship for Graduates , China
2021-2025	Academic Scholarship , University of Chinese Academy of Sciences
2023	Excellent Merit Student , University of Chinese Academy of Sciences
2022-2024	Merit Student , University of Chinese Academy of Sciences
2022-2023	Extraordinary Scholarship , University of Chinese Academy of Sciences
2022	Director's Scholarship , Institute of Psychology, Chinese Academy of Sciences
2021	Undergraduate 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

Skills

- [1] **Programming:** R, Python
- [2] **Statistical Software:** SPSS, Mplus, AMOS, Jamovi
- [3] **Experimental tools:** Psychopy, E-prime
- [4] **Other tools:** ArcGIS

Training

- [1] Functional near-infrared spectroscopy (fNIRS) technology training. 2025.
- [2] PsychoPy advanced experimental design training. 2025.