

Curriculum Vitae

Jianchi Tian (tianjc@psych.ac.cn)

*State Key Laboratory of Cognitive Science and Mental Health, Institute of Psychology,
Chinese Academy of Sciences, Beijing 100101, China
Department of Psychology,
University of Chinese Academy of Sciences, Beijing 100049, China*

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

-
- | | |
|--------------|---|
| 2021-present | Doctor of Science, Applied psychology <ul style="list-style-type: none">• Institute of Psychology, Chinese Academy of Sciences, Beijing, China |
| 2017-2021 | Bachelor of Science, Applied psychology <ul style="list-style-type: none">• Nanchang University, Jiangxi, China |

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

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.** *“Assessing the Effects of Central Atmospheric Supervision and Assistance on the Modernization of Local Environmental Governance Systems and Governance Capacity”* (Research Participant)
- 2025-present **State Key Laboratory of Cognitive Science and Mental Health, IPCAS.** *“Research on Protective and Risk Factors of Natural Environment Impacting Mental Health and Development of Targeted Intervention Systems”* (Research Participant)
- 2023-present **International Energy Agency (IEA) Greenhouse Gas R&D Programme** *“Carbon Capture, Utilisation & Storage (CCUS) and Public Perception.”*(Research Participant)
- 2019-2023 **Major Project of the National Social Science Foundation of China.** *“Research on Regulatory Systems for Advancing Green Consumption Upgrades Among Residents”.* (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** *“Compliance with Laws or Social Pressure: Research on Individual Social Judgment and Its Mechanisms in the Context of COVID-19.”* (Principal Investigator)
- 2019-2022 **China Provincial and ministerial-level scientific research training program** *“Research on the construction of a dynamic assessment system for college students’ psychological crisis.”* (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.