Curriculum Vitae

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Profile Summary

PhD candidate in Environmental Psychology focusing on climate action, mental health, 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 (UNESCO, 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** • Institute of Psychology, Chinese Academy of Sciences, Beijing, China
2017-2021	**Bachelor of Science, Applied psychology** • 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.
- Investigating the impact of nature exposure (e.g., EVI, NDVI, air quality) on mental health by using satellite remote sensing technology.

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] **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%)**

[4] **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%)**

[5] **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%)**

[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] **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)**

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. (Under review) 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 National Committee for UNESCO's the Man and Biosphere Programme.** National Youth Talent Supporting Program.
2025-present	**China Association for Science and Technology (CAST).** National Youth Talent Training Program - Doctoral Fellowship. **(Chinese Psychological Society: one of three 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*" **(Core member: team coordination and guidance, study design, survey, analysis, writing report, reporter)**
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*" **(Core member: team coordination and guidance, study design)**
2023-present	**International Energy Agency (IEA) Greenhouse Gas R&D Programme** "*Carbon Capture, Utilisation & Storage (CCUS) and Public Perception.*" **(Core member: study design, survey)**
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)**
2019-2023	Major Project of the National Social Science Foundation of China. National Social Science Foundation of China. Scientific Foundation of Institute of Psychology, Chinese Academy of Sciences. CAS Engineering Laboratory for Psychological Service. China Provincial and ministerial-level scientific research training program. (Research Participant: study design, analysis, writing paper)

Professional Service

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)
2025	Environmental Research Communications (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.