

Feifei Tan



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Research Interests

- Regional Sustainable Development
- Green Development
- Ecological and Environmental Economics

Education Background

Highest Degree & Major: Ph.D. in Environmental Science and Engineering

University Name, Major: China University of Mining and Technology, Beijing, Environmental Science and Engineering

Academic Positions & Professional Titles

- Professor, Regional Economics, Nanjing University of Finance and Economics, [2025.12 – Present]
- Head of Regional Economics Discipline, Nanjing University of Finance and Economics, [2024.01 – Present]
- Master's Supervisor, Nanjing University of Finance and Economics, [2016.06 – Present]
- Visiting Scholar, Auburn University, USA, [2018.10 – 2019.10]
- Postdoctoral Fellow, Nanjing University, [2016.07 – 2018.09]

Academic Honors & Awards

- Jiangsu Province 333 High-Level Talent Cultivation Program - Young and Middle-aged Science and Technology Leader, 2022.01
- Nanjing University of Finance and Economics High-Level Talent Support Program - Discipline Leading Talent, 2016.12, 2023.12
- Jiangsu Province Social Science Application Research Excellence Project-Outstanding Achievement Award, 2019.08
- Jiangsu Province Top Ten Graduate Supervisor Team Nomination, 2018.06

Editorial & Reviewer Experience

Editorial Board Memberships

- Regional Sustainable Development (English Edition) [CAS Tier 2, CSCD & ESCI, China's Internationally Influential Excellent Academic Journal], Youth Editorial Board Member, [2025.08–Present]

Regular Reviewer for Top Journals

- International Journals: Environmental Science & Technology, Cities, Applied Energy, Energy Policy, Journal of Cleaner Production, Sustainable Development, Sustainability Science, Ecological Indicators, Habitat International, Journal of Environmental Management, Energy, Sustainable Cities & Society, Resources Conservation and Recycling, Ecological & Society, etc.

- Domestic Journals: Environmental Science, Chinese Journal of Population, Resources and Environment, Resources Science, Acta Ecologica Sinica, etc.

30+ domestic and international journals, Long-term Reviewer, [2016–Present]

Representative Publications

Key Publications

- Wang Z., Kong X., Tan F (Corresponding author), 2025. “Digital infrastructure and economic growth: Evidence from corporate investment efficiency,” *International Review of Finance & Economics*, Vol. 98, No. -, pp. 103854. (SSCI Q1, Impact Factor 4.8)
- Tan F et al., 2025. “A carbon-trade nexus: the embodied carbon emission transfer network of China's green development demonstration belt,” *Sustainable Development*, Vol. 33, No. 1, pp. 621-635. (SSCI Q2, Impact Factor 3.5)
- Niu Z et al., 2024. “Green innovation and eco-efficiency: Interaction between society and environment of sustainable development demonstration belt in China,” *Environmental Technology & Innovation*, Vol. 34, No. -, pp. 103620. (SCI Q1, Impact Factor 5.2)
- Tan F et al., 2024. “How does factor market distortion affect green innovation? Evidence from China's sustainable development demonstration belt,” *International Studies of Economics*, Vol. 19, No. -, pp. 353-373. (SSCI Q3, Impact Factor 2.1)
- Tan F et al., 2023. “An inquiry into urban carrying capacity of sustainable development demonstration belt of China: multiscale evaluation and multidimensional interaction,” *Sustainable Development*, Vol. 31, No. 4, pp. 2892-2907. (SSCI Q2, Impact Factor 3.5)
- Tan F et al., 2023. “Multiscale disparity and spatial pattern of comprehensive carrying capacity in the Yangtze River Economic Belt, China,” *Ecological Indicators*, Vol. 148, No. -, pp. 10119. (SCI Q1, Impact Factor 6.0)
- Tan F et al., 2023. “The impact of urbanization on carbon emissions: Both from heterogeneity and mechanism test,” *Environment, Development and Sustainability*, Vol. 25, No. -, pp. 4813-4829. (SCI Q2, Impact Factor 4.0)
- Tan F et al., 2022. “How does regional integration development affect green innovation? Evidence from China's major urban agglomerations,” *Journal of Cleaner Production*, Vol. 379, No. -, pp. 134613. (SCI Q1, Impact Factor 11.0)
- Tan F et al., 2022. “Impact of urban innovation on urban green development in China's Yangtze River Economic Belt: perspectives of scale and network,” *Environmental Science and Pollution Research*, Vol. 29, No. -, pp. 73878-73895. (SCI Q2, Impact Factor 4.5)
- Tan F et al., 2021. “The impact of outward foreign direct investment on carbon emission toward China's sustainable development,” *Sustainability*, Vol. 13, No. -, pp. 11605. (SSCI/SCI Q2, Impact Factor 3.8).

Research Grants

- Principal Investigator, National Natural Science Foundation of China (General Program), “Evolution and Adaptive Regulation of Sustainable Development of the Composite System in the Yangtze River Economic Belt Based on Safety Boundaries and Green Innovation”, Grant No. 72074107, [2021.01 – 2024.12]

- Principal Investigator, National Natural Science Foundation of China (Young Scientists Fund), “Sustainable Development Evaluation and Regulation Countermeasures of the Yangtze River Economic Belt Based on Spatial Correlation and Industrial Metabolism”,

Grant No. 71603111, [2017.01 – 2019.12]

- Principal Investigator, Jiangsu Provincial Social Science Fund / Special Research Project of Jiangsu Research Center for Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, “Research on Jiangsu's Strengthening the Connection with Strategies such as the Coordinated Development of Beijing-Tianjin-Hebei and the Construction of the Guangdong-Hong Kong-Macao Greater Bay Area”, Grant No. 25ZXZB005, [2025.06 – Present]
- Principal Investigator, National Statistical Science Research General Project, “Sustainable Development Evaluation of the Yangtze River Economic Belt: From the Perspective of Spatial Correlation and Risk Transfer”, Grant No. 2020LY062, [2020.09 –2022.09]
- Principal Investigator, Jiangsu Provincial Graduate Education Teaching Reform Project, “Evaluation and Model Innovation of Jiangsu's Graduate Education System from the Dual Perspectives of Educational Ecology and Development Suitability”, Grant No. JGKT23_C033, [2023.07 – Present]
- Principal Investigator, Major Project of Philosophy and Social Sciences in Jiangsu Universities, “Research on the Synergistic Governance Mechanism of Pollution Reduction and Carbon Emission Reduction Effects of Green Infrastructure”, Grant No. 2025SJZD122, [2025.07 – Present]
- Principal Investigator, Jiangsu Provincial University Natural Science Research General Project, “Research on Energy-Pollutant Metabolism Network and Synergistic Emission Reduction in Jiangsu Province”, Grant No. 16KJB610007, [2016.0– 2019.06]
- Principal Investigator, China Postdoctoral Science Foundation (First-Class Funding), “Research on Regional Water-Energy Systems and Their Environmental Risks from the Perspective of Spatial Correlation Networks”, Grant No. 2017M620207, [2017.09–2018.12]
- Principal Investigator, Jiangsu Provincial University Philosophy and Social Sciences Research General Project, “Empirical Research on Sustainable Development Capacity and Its Influencing Factors in Jiangsu Province from the Perspective of Ecological Support and Constraints”, Grant No. 2016SJB790015, [2016.06 – 2018.06]
- Principal Investigator, Key Laboratory of Eco-Environment in the Yellow River Delta (Shandong Province) Project, “Sustainable Development Evaluation Research of the Yellow River Delta (Binzhou)”, Grant No. 2015KFJJ03, [2015.12–2017.12]