

Liangfei Ye, Ph.D.

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Employment

Aug 2025-	Assistant Professor Department of Sociology Texas A&M University
Sep 2021-May 2024	Fixed-term Assistant Professor Department of Sociology Michigan State University
May 2012-July 2013	Environmental Consultant Golder Associates Inc.

Education

Sep 2013-April 2021	Doctor of Philosophy, Environmental Sociology Department of Sociology Nelson Institute for Environmental Studies University of Wisconsin Madison, U.S.
Sep 2009-Mar 2012	Master of Science, Sustainability Science College of Environmental Science and Engineering Tongji University, China
Aug 2005-Jul 2009	Bachelor of Science, Environmental Science Shanghai Ocean University, China

Research Interests and Skills

Environmental Sociology	Developing A Complex Environmental Sociology to Analyze Environmental Health, Policy, and Governance; Climate Impacts on Health; Clean Water and Society; and Theory
Methods	Applied Machine Learning and Data Mining, Mathematical and Statistical Modeling, Geographic Information Analysis, Fieldwork, Survey, Mixed Methods

Software

Python, STATA, ArcGIS Pro, Qualtrics Survey, NVivo

Publications

Refereed Journal Articles

- 2025 Zhang, Guiming*, Wei Luo, Mingguang Wu, and **Liangfei Ye**. “Exploring social interaction patterns and drivers in VGI communities using a custom geovisual analytics tool.” *Annals of GIS* (2025): 1-19.
<https://doi.org/10.1080/19475683.2025.2497026>. [ESCI, IF=3.9, Q1]
- 2025 **Liangfei Ye***, Qianqian Dong, Aaron McCright, Stephen Gasteyer. An Innovation Approach to Predict Public Drinking Water Crises in Michigan Using System, Community, and Regulatory Characteristics. *International Journal of Social Determinants of Health and Health Services*. Under Review, Spring 2025.
<https://doi.org/10.21203/rs.3.rs-5257706/v>. [SSCI, IF=3.4, Q1]
- 2024 **Liangfei Ye***, Qianqian Dong, Stephen Gasteyer. Decomposition Analysis to Assess Intervention Strategies for Reducing Health Disparities in Michigan Community Drinking Water Systems. *Social Science and Medicine*. 356(2024). DOI: [10.1016/j.socscimed.2024.117154](https://doi.org/10.1016/j.socscimed.2024.117154) [SSCI, IF=5.38, Q1]
- 2024 **Liangfei Ye***. Environmental Field Transformation: A Theory on Local Environmental Protection Changes in China. *Journal of Chinese Governance*, 2024, 9(3), 423–452. DOI: [10.1080/23812346.2024.2357864](https://doi.org/10.1080/23812346.2024.2357864). [SSCI, IF=3.0, Q1]
- 2023 **Liangfei Ye***. Power and Space-Production: A Bourdieusian Approach on Environmental Law and Inspection in China. *China Law and Society Review*, 2023, 7(1), 24-61. DOI: [10.1163/25427466-07010004](https://doi.org/10.1163/25427466-07010004) [ESCI, gained recognition from [UC Berkeley](https://www.berkeley.edu/) and other prestigious universities]
- 2021 **Liangfei Ye***. A Theory of Social Space of Chinese Local Environmental Protection. The University of Wisconsin - Madison, United States. Wisconsin, 2021. *ProQuest*, DOI: [10.13140/RG.2.2.29688.87044](https://doi.org/10.13140/RG.2.2.29688.87044). [Dissertation]
- 2017 **Liangfei Ye***. From macro-state to meso-organizing: A sociological review of the transition of Chinese local governments in the past 30 years[J]. *Chinese Journal of Sociology*, 2017, 3(4): 614-640. DOI: [10.1177/2057150X17733654](https://doi.org/10.1177/2057150X17733654) [SSCI, IF=1.4, Q2]
- 2013 **Liangfei Ye***, Cunkuan Bao. Indicator System for Urban Master Planning Environmental Impact Assessment under Framework of Sustainability. *Environmental Science and Management (in Chinese)*. 2013, 38(1): 1-7. DOI: [10.3969/j.issn.1673-1212.2013.01.001](https://doi.org/10.3969/j.issn.1673-1212.2013.01.001).

- 2011 **Liangfei Ye***, Cunkuan Bao. A Review of Urban Planning Environmental Impact Assessment Indicator System. *Sichuan Environment (in Chinese)*, 2011,31(1): 134-140. DOI: [10.3969/j.issn.1001-3644.2012.01.027](https://doi.org/10.3969/j.issn.1001-3644.2012.01.027).

Selected Conference Papers / Invited Talks

- 2023 **Liangfei Ye**, et al. Decomposition Analysis to Identify Intervention Targets for Reducing Health-related Exposure Disparities in Michigan Community Drinking Water Systems. *American Sociological Association*. Environmental Sociology Section. Philadelphia, PA, U.S. August 17-23, 2023.
- 2022 **Liangfei Ye**. Power and Space-production: A Bourdieusian Perspective on Environmental Inspection in China. Global Urban Studies Program (GUSP) Colloquium, College of Social Science, *Michigan State University*. February 11, 2022.
- 2021 **Liangfei Ye**. A Theory of Social Space of Chinese Local Environmental Protection. *Midwest Sociological Society*. Theoretical Perspectives to Environmental Concerns Section. Virtual Meeting. March 18-21, 2021.
- 2020 **Liangfei Ye**. Transactions Behind "Objective Boundaries": Using GIS to Manage Natural Protection Areas in China. Culture, History, and Environment Colloquium, Nelson Institute for Environmental Studies. *University of Wisconsin Madison*. Pyle Center. July 8, 2020.
- 2019 **Liangfei Ye**. A Pragmatic Case-Study Approach to Generate Social Theories on Chinese Local Environmental Protection. *The 15th International Congress of Qualitative Inquiry*. Forum of Critical Chinese Qualitative Research. University of Illinois Urbana-Champaign. May 16-19, 2019.
- 2012 **Liangfei Ye**, Cunkuan Bao. Indicator System for Urban Master Planning Environmental Impact Assessment under Framework of Sustainability. *The 2nd Strategic Environmental Assessment Conference*. *Tianjing University, China*. July 7-10, 2012.
- 2011 **Liangfei Ye**, H. Tanikawa. Decomposition and Analysis of CO2 Emission in Taicang City from 2003-2008 by Kaya Identity. *Proceedings of Central Japan Society of Civil Engineering Forum*, Pages 579-581. *Kasugai, Japan*. March 4, 2011.
- 2010 **Liangfei Ye**, Cunkuan Bao. Guiding and Restricting City Development in China: A Relational Analysis of Urban Planning, Environmental Planning and Planning

Environmental Impact Assessment. *Proceeding of Sino-Japanese Strategic Environmental Impact Assessment Forum*, Pages 23-31. Dalian, China. September 1-3, 2010.

Research Proposals and Projects

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| 2025 | <p><i>Integrated Assessment of Cumulative Climate Change Impacts on Cognitive Decline and Dementia Risk in Older Adults: A Multilevel, Longitudinal, and Geospatial Pathway Analysis Approach</i></p> <p>PI: Proposal to the Climate Change and Human Health Seed Grants (Burroughs Wellcome Fund), Gateway Exposome Coordinating Center (National Institute on Aging, U24AG088894)</p> |
| 2025 | <p><i>Integrated Assessment of Climate Impacts on Elder Health: A Multilevel, Geospatial, and Machine Learning Approach to Vulnerability and Resilience</i></p> <p>PI: Proposal to the 2025 Climate Change and Health Research Coordinating Center (CAFÉ) Pilot Project (BUSPH-HSPH-CAFE, funded by NIH U24ES035309).</p> |
| 2025 | <p><i>Standardizing Environmental Enforcement Practices: A Checklist to Incentivize Public Water System Improvements in Economically Disadvantaged and Minority-Concentrated Communities</i></p> <p>PI: Proposal to the Building Evidence: Support for QEDs to Evaluate Social Programs and Policies (Arnold Ventures), the 2025 J.M.K. Innovation Prize.</p> |
| 2023 | <p><i>Impacts of the Covid-19 pandemic on the health disparities of residents in China</i>
 <i>Impacts of Artificial Intelligence (AI) Technologies on the work of Chinese lawyers</i></p> <p>PI: Proposal to the Center on Contemporary China, Princeton University</p> |
| 2022-23 | <p><i>Promote Homeownership of Low-Income Households through Artificial Intelligence-Based Built Environment Characterization of Manufactured Housing Communities in Southeast and Midwest Regions</i></p> <p>Proposal Development Participant: HUDRD (Department of Housing and Urban Development Research and Development Grant)</p> |
| 2022-23 | <p><i>Development of A Database, Models, and Two Courses for Analyzing Michigan Community Drinking Water Health Disparities</i></p> <p>PI: Creating Inclusive Excellence Grant, Michigan State University, 5000 USD</p> |
| 2017-21 | <p><i>Power relations, Field transformation, and Organizational Changes: Practices of Chinese Local Environmental Management</i></p> <p>PI: Holtz Center for Science & Technology Studies Fellowship, and others.</p> |

University of Wisconsin Madison, 6000 USD

- 2019 *Development of a Predictive Model of US Drinking Water Emergencies*
Research Assistant: Water Quality Research Foundation, 50,000 USD
- 2015 *Gaining and Retaining Young People in Wisconsin's Rural Communities*
Research Assistant: Hatch Multidisciplinary Project, University of Wisconsin System – Extension
- 2014 *Sustainable Agriculture Educational Program for Small-scale Farmers*
Research Assistant: Charlotte Zieve Assistantship, University of Wisconsin Madison, 30,000 USD
- 2013 *Best Practices for Dyeing and Finishing Factories in Mainland China*
Environmental Consultant: Natural Resources Defense Council
- 2012-13 *Industrial Environmental Regulatory Services*
Environmental Consultant: team leader.
- 2010-12 *Strategic Environmental Assessment for Urban Planning under the framework of City's Sustainable Development*
Research Assistant: Chinese National Natural Science Foundation
- 2011 *Taicang City Long-term Environmental Planning (2020-2030)*
Research Assistant: Taicang City Government of China
- 2010 *Establishment of Environmental Mechanisms for Guiding and Restricting City Development*
Research Assistant: Tongji University Young Preeminent Scholar Program
- 2009-10 *Urban Environmental Protection Planning Technique Guideline*
Research Assistant: Ministry of Environmental Protection, China, 300,000 RMB
- 2009-10 *China Green Supply Chain Management (GSCM) Research Report*
Research Assistant: Institute for Global Environmental Strategies, Japan, 100,000 RMB
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References

Name & Email	Relations	Department	Contact
Professor Aaron McCright	Mentor	Department of Sociology Michigan State University	mccright@msu.edu
Professor Tom Dietz	Mentor	Department of Sociology Michigan State University	tdietz@msu.edu
Professor Zhenmei Zhang	Mentor	Department of Sociology Michigan State University	zhangz12@msu.edu