Xiaozhong Sun

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Education

College of Architecture, Art, and Planning, Cornell University   Ithaca, NY
Ph.D. in Regional Science;   *Sep 2016 – Jun 2022*
MA in City and Regional Planning;   *Sep 2014 – Jun 2016*

College of Public Administration, Renmin University of China   Beijing, China
MA in Land Use Planning and Management;   *Sep 2011 – Jun 2013*

College of Public Administration, Nanjing Agricultural University   Nanjing, China
BA in Land Use Planning and Management;   *Sep 2007 – Jun 2011*

Work and Teaching Experience

Visiting Assistant Professor, GEOG245: Introduction to GIS   Hamilton, NY, U.S.
Aug 2024 –

Visiting Lecturer, CRP 4080: Introduction to GIS for Planners   Ithaca, NY, U.S.
Aug 2022 – Jun 2023

Teaching Assistant, CRP 5120: Public and Spatial Economics   Ithaca, NY, U.S.
Jan 2022 – Jun 2022

Internship, HEIP Division, Department of City Planning   New York City, NY, U.S.
Jun 2015 – Jun 2016

Teaching Assistant, CRP 5080: Introduction to GIS for Planners   Ithaca, NY, U.S.
Sep 2015 – Dec 2015

Teaching Assistant, CRP 5250: Introduction to Methods of Planning Analysis   Ithaca, NY, U.S.
Jan 2016 – Jun 2016

Working Papers in Progress

Transit Captivity over Resilience: How Structural Inequities Perpetuated Disparities in BART's Post Pandemic Ridership Recovery, with Sara Tabibian, 2025

The Hidden Costs of State-Led Urbanization: Nighttime Light Evidence on Economic Stagnation in China's County-Level City Reforms (1988–1997), 2024 (*Under Revision*)

State vs. Market Forces in China's Regional Inequality: A Sub-Provincial Analysis Integrating Satellite and Census Data (1992–2019), 2025

Spatiotemporal Heterogeneity in Land-Driven Growth: Institutional Mechanisms and Uneven Development in China, 2024

Peer-Reviewed Publications

Xiaozhong Sun, Xianlei Ma. Welfare Changes of Rural Residents after Centralized Settlement in Different Economic Development Stages: A Comparative Analysis of Gaochun County and Xuyi County in Jiangsu Province [J]. Journal of Nanjing Agricultural University (Social Sciences Edition), 2012, (4): 8-15.

Conference Papers and Presentations

Xiaozhong Sun. Forty-year's Uneven Economic Development: Revisit the Evolution of Regional Disparities and Policy in China [C]. The American Association of Geographers Annual Meeting, 2019.

Xiaozhong Sun. Regional Competition and Disparities, The Role of Government Quality: Evidence from China [C]. The 58th Annual Conference of The Association of Collegiate Schools of Planning, 2018.

Xiaozhong Sun. Urban Productivity and Job Creation: Examining Positive Externalities of New York City's Innovation Industries at Neighborhood Level [C]. The 56th Annual Conference of The Association of Collegiate Schools of Planning, 2016.

Xiaozhong Sun, Ping Lv, et al. Welfare Analysis of the Formation of Residential Housing with Limited Property Rights in Suburban Beijing [C]. Global Chinese Real Estate Congress Annual Meeting Proceedings: Shanghai Finance University Press, 2012, (6): 1395-1403.

Xiaozhong Sun, Ping Lv, et al. The Pressure of Cultivated Land Protection and Its Economic Impact in Beijing [C]. The Seventh Cross-Strait-Four-Places Land Conference Annual Meeting Proceedings: Cadastral Bureau of Macau, 2012, (7): 21

RESEARCH EXPERIENCE

Research on the Innovation Economy of New York City
New York, NY, U.S.
Housing, Economic and Infrastructure Planning Division, Department of City Planning — *Jun 2015 – Jun 2016*

- Used firm-level geo-coded Quarterly Census of Employment and Wages (QCEW) data to analyze neighborhoods with a high density of innovation industries using GIS software.
- Developed methods for defining innovation industries based on the composition of creative occupations using O*NET and Occupational Employment Statistics (OES) datasets.
- Applied geographically weighted regression to study the growth effect of the concentration of innovative industries on wages and employment numbers.

Ithaca's Greater Southside Neighborhood Planning
Ithaca, NY, U.S.
Department of City and Regional Planning, Cornell University — *Jan 2016 – Jun 2016*

- Completed a comprehensive planning report for the City of Ithaca's Planning, Building, Zoning, and Economic Development Department.

'12th Five-Year' Housing Development Plan
Beijing, China
Ministry of Housing and Urban-Rural Development of the PRC — *Apr 2012 – Jun 2013*

- Led a questionnaire survey on affordable housing policies in Shanghai (Oct 2012).
- Classified 35 major cities into three major and six minor categories based on development level and competitiveness.
- Estimated price elasticity, income elasticity of housing demand, and housing supply elasticity using a combination of housing stock-flow and other demand models.

'Multi-Dimensional' Housing Security
Beijing, China
Natural Science Foundation of China (71173223) — *Nov 2011 – Jun 2013*

- Participated in questionnaire surveys on affordable housing in Qingdao (Aug 2012) and Zhengzhou (Sep 2012).
- Constructed a low-income housing beneficiary utility evaluation system, incorporating using, living, and welfare utility aspects.
- Calculated the non-housing services consumption ratio in household consumption as a welfare utility factor to evaluate improvements among affordable housing beneficiaries.

Circum-Bohai-Sea Urban Land Price Dynamics
Beijing, China
China Land Surveying and Planning Project — *Nov 2011 – Mar 2013*

- Contributed to the writing and publication of The 2011 Blue Book of Urban Land Price Report of China [M]. Beijing: Geological Publishing, 2012: 185-191.
- Assisted in producing The 2012 Blue Book of Urban Land Price Report of China [M]. Beijing: Geological Publishing, 2013: 180-188.

Migrant Workers Housing in Suburban Beijing
Beijing, China
Renmin University of China Research Fund Project (10XN1011) — *Sep 2011 – Jan 2012*

- Designed and conducted a questionnaire survey, obtaining 660 effective responses from migrant workers in 8 suburban counties.
- Explored the underlying formation mechanism of residential housing with limited property rights.

Assessing Farmers' Welfare Change after Rural Residential Consolidation
Nanjing, China
National University Student Innovation Program (091030732) — *Nov 2009 – Apr 2011*

- Collected and analyzed survey data from rural households before and after residential consolidation.
- Utilized difference-in-differences techniques to quantify the impact of consolidation on farmers' welfare.

Awards

- **New York Upstate Chapter APA Student Project Award, College of Architecture, Art, and Planning, Cornell University** – 2017

- **Clarence S. Stein Scholarship, College of Architecture, Art, and Planning, Cornell University** – 2016-2018

- **Fellowship from Chinese Scholarship Council, Ministry of Education of the People's Republic of China** – 2016-2020

- **East Asia Program: C.V. Starr Fellowship (Starr)**, Mario Einaudi Center for International Studies, Cornell University – 2020-2021

Skills

- **Regression and Reduced-form Causal Analysis:** R/Posit, Stata

- **Machine Learning and Deep Learning:** Python

- **Spatial and Quantitative Analysis:** R/Posit, Stata, Python, ArcGIS Pro, ArcGIS Online, Geoda, Google Earth Engine

- **Technologies:** Version Control, Webpage Publication, Markdown, LaTeX

- **Languages:** Chinese (Native), English (Proficient)