

ZhiJi Huang



PhD, Associate Professor, Doctoral Supervisor

Deputy Director, Department of Urban Management, School of Government, Central University of Finance and Economics

Research Interests

- Land Development and Urban Industrial Development
- Land Redevelopment and Urban Renewal
- Land Finance and Urban Public Finance

Research Fields

- Land Economy and Management
- Urban and Industrial Economics
- Regional Development and Urban Governance

Education

- PhD in Human Geography, College of Urban and Environmental Sciences, Peking University, Sept 2011 – July 2015
- MS in Ecology, College of Environmental Sciences, Peking University, Sept 2003 – July 2006
- BS in Environmental Science, College of Resources and Environment, Beijing Forestry University, Sept 1999 – July 2003

Work Experience

- June 2025 – Present Associate Professor, Doctoral Supervisor, Deputy Director of Department of Urban Management, School of Government, Central University of Finance and Economics
- October 2020 – Present Associate Professor, Deputy Director of Department of Urban Management, School of Government, Central University of Finance and Economics
- October 2018 – Present Associate Professor, School of Government, Central University of Finance and Economics
- July 2015 – October 2018 Lecturer, School of Government, Central University of Finance and Economics

Awards and Honors

- June 2025 Team Member (5/8), National Online Demonstration Course for Master of Public Administration (MPA): Urban Planning and Management
- January 2025 Excellent Paper 2024, Industrial and Information Finance & Technology Journal
- November 2024 Excellent Paper, 2024 Annual Conference of Regional Studies Association

China Division

- October 2024Excellent Case of Curriculum Ideology and Politics for Postgraduate Education, Central University of Finance and Economics, 2024
- July 2024Third Excellent Academic Works Award, Central University of Finance and Economics
- July 2024First Prize, 7th Lin Zengjie Land Science Development Fund Excellent Academic Paper Competition, Renmin University of China
- May 2024Supervisor of First Prize (Beijing Division), 10th National College Students Energy Economy Academic Innovation Competition
- May 2024Excellent Paper Award, 5th Economic Geography Outstanding Young Scholars Forum
- December 2023Leader of Excellent Demonstration Project, “Double Hundred Action Plan” for Beijing University Teachers and Students Serving the Development of the New Era Capital
- November 2023First Prize for Young Excellent Papers, China Land Science Society
- November 2023Third Prize for Excellent Papers, China Real Estate Academic Annual Conference
- June 2023Second Prize, 6th Lin Zengjie Land Science Development Fund Excellent Academic Paper Competition, Renmin University of China
- September 2022First Prize, Beijing Higher Education Teaching Achievement Award (2021)
- July 2022Second Prize, 5th Lin Zengjie Land Science Development Fund Excellent Academic Paper Competition, Renmin University of China
- March 2022First Prize, 2021 Guangdong Financial Research Project Final Evaluation, Department of Finance of Guangdong Province
- June 2021First Prize, 2020 Guangdong Financial Research Project Final Evaluation, Department of Finance of Guangdong Province
- August 2020First Prize, 8th Land and Resources (Guangdong) Science and Technology Award
- August 2020Excellent Supervisor, Undergraduate Innovation and Entrepreneurship Training Program, Central University of Finance and Economics, 2019
- January 2020Second Prize, Land and Resources Science and Technology Award, Ministry of Natural Resources
- September 2019Outstanding Award for Young Excellent Papers, Annual Conference of Chinese Association of Regional Science
- October 2018Excellent Head Teacher, School of Government, Central University of Finance and Economics
- October 2015Young Excellent Paper Award, Annual Conference of Chinese Association of Regional Science
- October 2014Peking University Innovation Award
- September 2014National Scholarship, Graduate School of Peking University
- June 2014Peking University President Scholarship
- May 2014Dijing Landscape Research and Innovation Award, Peking University
- December 2013National Scholarship, Peking University
- October 2013First Prize for Young Excellent Papers, Annual Conference of Chinese Association of Regional Science
- December 2012Social Work Award, Peking University
- October 2012Young Excellent Paper Award, Annual Conference of Chinese Geographical Society

Journal Services

- Editorial Board, Urban Rail Transit, 2024 – Present
- Young Editorial Board, China Land Science, 2024 – Present
- Mail Reviewer, National Natural Science Foundation of China
- Anonymous Reviewer for international and domestic journals including: Urban Studies, Regional Studies, Papers in Regional Science, Journal of Urban Affairs, Journal of Urban Management, Landscape and Urban Planning, Land Use Policy, Cities, Growth and Change, Habitat International, Journal of Environmental Management, Emerging Markets Finance and Trade, Applied Economics, Geographical Research, Journal of Natural Resources, Economic Science, China Land Science

English Journal Papers

- Huang, Z. J., Dai, X.M., He, C.F., & Liu, B.Y. (2025). Beyond Land Finance: Exploring the Fiscal Revenue Effects of Urban Renewal in Guangdong Province, China. *Journal of Urban Planning and Development*, 151(4), 05025041.
- Huang, Z. J., Li, H., Song, M., & Ma, L. (2025). Intersecting sustainability and governance: the impact of industrial land price distortion on carbon emission efficiency in China. *Applied Geography*, 176, 103510.
- Huang, Z. J., Shi, T., & Tong, D. (2025). Understanding the role of government in regional industrial evolution: Evidence from land supply in China. *Papers in Regional Science*, 104, 100070.
- Liu, Z., Huang, Z. J.*, Yin, Z. H., & Zhang, L. X. (2024). Urban Regeneration under National Land Use Control: Guangdong's "Three-Old" Redevelopment Programme. *The China Quarterly*, 258, 441–456.
- Gao, B. Y., Huang, Z. J.*, Zhang, T. T., Sun, X. Y., & Song, M. Y. (2023). Exploring the Impact of Industrial Land Price Distortion on Carbon Emission Intensity: Evidence from China. *Land*, 12(1), 92.
- Song, L., & Huang, Z. J*. (2023). Exploring the Effects of Industrial Land Transfer on Urban Air Quality Using a Geographically and Temporally Weighted Regression Model. *International Journal of Environmental Research and Public Health*, 20(1), 384.
- Huang, Z. J., He, C. F., & Li, H. (2019). Local government intervention, firm-government connection, and industrial land expansion in China. *Journal of Urban Affairs*, 41(2), 206–222.
- Huang, Z. J., He, C. F., & Zhu, S. J. (2017). Do China's economic development zones improve land use efficiency? The effects of selection, factor accumulation and agglomeration. *Landscape and Urban Planning*, 162, 145–156.
- Huang, Z. J., He, C. F., & Dennis, W. Y. H. (2016). A comparative study of land efficiency of electronics firms located within and outside development zones in Shanghai. *Habitat International*, 56, 63–73.
- Huang, Z. J., Dennis, W. Y. H., He, C. F., & Li, H. (2015). Urban land expansion under economic transition in China: A multi-level modeling analysis. *Habitat International*, 47, 69–82.
- He, C. F., Zhou, Y., & Huang, Z. J. (2016). Fiscal Decentralization, Political Centralization and Land Urbanization in China. *Urban Geography*, 37(3), 436–457.
- Li, H., Dennis, W. Y. H., Liao, F. H. F., & Huang, Z. J. (2015). Administrative Hierarchy and Urban Land Expansion in Transitional China. *Applied Geography*, 56, 177–186.
- He, C. F., Huang, Z. J., & Wang, R. (2014). Land use change and economic growth in urban China: A structural equation analysis. *Urban Studies*, 51(13), 2880–2898.
- He, C. F., Huang, Z. J., & Ye, X. Y. (2014). Spatial heterogeneity of economic development and industrial pollution in urban China. *Stochastic Environmental Research and Risk Assessment*, 28(4), 767–781.
- Li, H., Dennis, W. Y. H., & Huang, Z. J. (2014). Urban Land Expansion and Spatial

Dynamics in Globalizing Shanghai. *Sustainability*, 6(12), 8856–8875.

- He, C. F., Huang, Z. J., & Wang, W. K. (2012). Land Use Changes and Economic Growth in China. *Land Lines*, Lincoln Institute of Land Policy.
- Huang, Y., Li, T., Huang, Z. J., & Fei, Y. H. (2008). Ectomycorrhizal fungus-induced changes of Cu and Cd speciation in the rhizosphere of Chinese pine seedlings. *Pedosphere*, 18(6), 758–765.

Monographs

- Huang, Z. J. (2024). *Evolution of Urban Industrial Land and Its Regional Effects in China*. Economic Science Press.
- He, Y., Huang, Z. J., Liu, W., & Yan, Y. (Eds.). (2023). *Urban Finance Development Report 2022: Sustainable Development*. Economic Science Press.
- Huang, Z. J., & He, C. F. (2017). *Expansion and Utilization Efficiency of Urban Industrial Land in China*. Economic Science Press.
- Huang, Z. J., He, C. F., et al. (2016). *Industrial Upgrading and Village-Town Land Redevelopment*. Peking University Press.
- He, C. F., Huang, Z. J., et al. (2014). *Perspective and Evaluation of China's Urban Development: From Economic Geography View*. Science Press.

Book Chapters

- Jiang, L. (Ed.). (2025). *Urban Operation Management*. China Architecture & Building Press.
- Liu, S. Y., et al. (2024). *Towards a New Form of Urban-Rural Integrated Civilization: The Case of Nanhai*. Renmin University of China Press.
- Wang, Z. F., et al. (2021). *Policy Evaluation of Three Pilot Rural Land System Reforms: Local Practice and Impact Assessment*. Science Press.
- Zhang, L. J., et al. (2018). *Research on Territorial Spatial Development Pattern Optimization Based on Ecological Security*. Geological Publishing House.
- He, C. F. (2017). *Research on Transitional Economic Geography*. Economic Science Press.

Selected Academic Presentations

- Can Environmental Policy Synergy Effectively Improve the Green Utilization of Industrial Land? Annual Conference of Regional Studies Association China Division, Sichuan University, November 2024
- Research on the Impact of Land Mortgage Policy Adjustment on the Transformation of Local “Land-Driven Development” Model. China Real Estate Academic Annual Conference & 17th Symposium of Real Estate Scholars in Universities, Central China Normal University, November 2024
- Redevelopment of Stock Land and Sustainable Urban Fiscal Development. Academic Symposium on Stock Land Redevelopment and High-Quality Development, Nanjing Agricultural University, June 2024
- Research on Heterogeneous Characteristics and Mechanism of Local Government Debt's Impact on Urban Carbon Emissions. 5th Economic Geography Outstanding Young Scholars Forum, Nanjing Agricultural University, May 2024
- Can Debt Policy Adjustment Promote the Transformation of the “Land-Driven Development” Model? 20th National Joint Meeting of Deans/Department Heads of Land Resources Management in Universities, Nanchang University, November 2023
- Fiscal Pressure, Debt Policy Adjustment and the Land-Driven Development Model. 7th Joint International Conference on Land Policy SSCI Journals, Zhejiang University, October 2023

- Research on Spatial Contagion Effect of Local Government Debt Risk. 5th China Urban Economists Forum, Central University of Finance and Economics, October 2023
- A Framework for Exploring Property Right, Land Use Policy and Spatial Planning in China. The 2017 Annual Conference of Planning Law and Property Right, Hong Kong, February 19–24, 2017
- Utility of Land Space: A comparative study between Shanghai electronic firms located in and outside Development Zones. The Fifth Asian Seminar in Regional Science, Harbin, Heilongjiang, July 17–20, 2015
- Local government intervention, political connection, and industrial land expansion in China. The Ninth International Association for China Planning Conference, Chongqing, June 19–21, 2015
- Urban land expansion under economic transition in China: A multi-level modeling analysis. PhD Workshop of Cambridge University—Peking University, Beijing, September 11, 2014
- Land Use Change and Economic Growth in China. 2014 Annual Meeting of the Association of American Geographers, Tampa, Florida, USA, April 8–12, 2014
- Environmental Regulation, Geography and Firm Productivity. 2013 Annual Meeting of the Association of American Geographers, Los Angeles, California, USA, April 9–13, 2013
- Economic Geography and Industrial Pollution in Urban China. International Conference on Spatial and Social Transformation in Urban China, Hong Kong, December 12–13, 2012

Research Projects

- Optimal Allocation of Urban Industrial Land Under Carbon Peaking Target: Theoretical Mechanism and Policy Simulation. General Program of National Natural Science Foundation of China (No. 72274229), 2023–2026, Principal Investigator
- Evolution of China's Industrial Land and Its Regional Effects. Youth Program of National Natural Science Foundation of China (No. 41601126), 2017–2019, Principal Investigator
- Research on Industrial Spatial Evolution and Layout Optimization Technology of Urban Agglomerations and Metropolitan Areas. Information Center of Ministry of Natural Resources, 2025–2027, Principal Investigator
- Research on Governance of Innovative Industrial Space in Shenzhen: Structure, Process, Mechanism and Performance. Peking University Shenzhen Graduate School, 2021–2024, Principal Investigator
- Research on Population Flow Trends and Urban Renewal Strategies in Guangdong Province. Office of the 7th National Population Census of Guangdong Province, 2021–2022, Principal Investigator
- Research on Fiscal Policies for Urban Renewal. Guangdong Financial Research Project, 2021–2022, Principal Investigator
- Institutional Logic and Governance Transformation of Urban Renewal in China: An Empirical Study Based on “Three-Old” Reconstruction in Guangdong Province. Research Innovation Team Support Program, School of Government, Central University of Finance and Economics, 2021–2023, Principal Investigator
- Impact of “Three-Old” Reconstruction on Fiscal Sustainability in 21 Prefecture-Level Cities of Guangdong Province. Peking University-Lincoln Institute Center, 2021–2022, Principal Investigator
- Research on the Impact of Land Management Reform on Fiscal Revenue. Guangdong Financial Research Project, 2020–2021, Principal Investigator
- Information Collection and International Experience Reference for Mixed Use of Industrial Land. Information Center of Ministry of Natural Resources, 2020–2021, Principal Investigator
- Industrial Transformation and Upgrading and Land System Reform: A Case Study of

Guangdong Province. Peking University-Lincoln Institute Center, 2018–2019, Principal Investigator

- The Impact of Local Institutional Environment on Dynamic Evolution of Regional Manufacturing. Young Faculty Development Fund, Central University of Finance and Economics, 2015–2017, Principal Investigator
- Spatial Transfer and Value Chain Upgrading of Electronic Information Industry from a Multi-scale Perspective. General Program of National Natural Science Foundation of China (No. 41871115), 2019–2022, Key Participant
- People-oriented Urban-Rural Integrated Development in the New Development Stage. General Program of National Social Science Foundation, 2023–2025, Key Participant
- Summary and Comparative Analysis of “Three-Old” Reconstruction Practice in Guangdong Province. Commissioned by Guangdong “Three-Old” Reconstruction Association, 2019–2020, Key Participant
- Research on the Impact Mechanism of Policy Mix on Corporate Green Technology Innovation Under “Dual Carbon” Goal. The 6th Young Research Innovation Team, Central University of Finance and Economics, 2021–2023, Key Participant
- Regional Air Pollution Control and Policy Research. The 5th Young Research Innovation Team, Central University of Finance and Economics, 2019–2021, Key Participant
- Urban Fiscal Health and Medium- to Long-Term Local Fiscal Risk Resolution Under New Normal. The 4th Young Research Innovation Team, Central University of Finance and Economics, 2017–2019, Key Participant
- Spatial Dynamics of Chinese Manufacturing Enterprises and Their Effects. National Natural Science Foundation for Distinguished Young Scholars, 2015–2019, Participant
- Changes of China's Industrial Geography and Its Environmental Effects. General Program of National Natural Science Foundation of China, 2013–2016, Participant
- Land Allocation and Regulation Technology for Industrial Upgrading and Structural Adjustment. National “12th Five-Year” Science and Technology Support Program, 2013–2017, Participant
- Impact of Manufacturing Geographic Agglomeration on Enterprise Productivity and Export Performance. General Program of National Natural Science Foundation of China, 2011–2013, Participant
- Coupling Technology Research and Application of Urban Agglomeration Economic Space and Territorial Optimal Utilization. Public Welfare Special Fund of Ministry of Land and Resources, 2011–2013, Participant

Teaching Courses

Undergraduate Courses

- Urban Public Finance
- Regional Economics
- Regional Analysis and Planning
- Urban and Regional Policy

Postgraduate Courses

- Urban Branding and Urban Management
- GIS Spatial Analysis Laboratory

MPA Courses

- Urban Planning and Management
- Urban Operation

Course Development

- Urban Public Finance, “14th Five-Year” University-level First-Class Undergraduate Course, Central University of Finance and Economics, Approved 2023

Textbooks and Edited Volumes

- Ma, H. T. (Ed.). (2025). Excellent Teaching Cases of Postgraduate Curriculum Ideology and Politics (Vol.2). China Financial and Economic Publishing House. (Contributor)
- Jiang, L. (Ed.). (2025). Urban Operation Management. China Architecture & Building Press. (Contributor; “14th Five-Year” Urban Management Textbook by Ministry of Housing and Urban-Rural Development)
- Zhao, J. H. (Ed.). (2022). Selected Cases of Public Administration Teaching. (Contributor)

Educational Reform Projects

- Urban Management Decision Simulation in Interactive and Participatory Teaching Reform for Postgraduates: A Case Study of Urban Branding and Urban Management. Central University of Finance and Economics Postgraduate Education Reform Project, 2023–2025, Principal Investigator
- Practice-oriented Interdisciplinary and Participatory Urban Public Finance Course Construction. Central University of Finance and Economics Education Reform Project, 2020–2022, Principal Investigator
- Situational Cognition-Based Anchored Instruction in Public Policy Courses. Central University of Finance and Economics Teaching Method Research Project, 2019–2020, Participant
- Innovative Practice of Situational Simulation Teaching in Urban Management. Central University of Finance and Economics Teaching Method Project, 2018–2019, Participant
- Process Management of Application-oriented Professional Degree (MPA) Theses. Central University of Finance and Economics Postgraduate Education Reform Project, 2016–2018, Participant

Teaching Achievement Awards

- Ideology-led, Competition-learning Integrated, Multi-class Linkage: Ten-year Exploration of Undergraduate Public Administration Talent Training Reform. First Prize, Beijing Higher Education Teaching Achievement Award, 2022, Participant

Visiting Experience

- Visiting Associate Professor, Department of Urban Planning and Design, Faculty of Architecture, The University of Hong Kong, Jan 2024 – Feb 2024
- Joint PhD Fellow (Sponsored by China Scholarship Council), Department of Geography, College of Social and Behavioral Science, University of Utah, Oct 2013 – May 2014

Academic Affiliations

- January 2024 – Present Member, Professional Committee on Regional and Urban Planning, Chinese Association of Regional Science
- June 2023 – Present Guest Researcher, Zhejiang Urban Governance Research Center
- June 2023 – Present Member, Professional Committee on Territorial Spatial Planning, Chinese Association of Regional Science
- December 2021 – Present Member, Land Economics Branch, China Land Science Society
- July 2020 – July 2025 Vice Chairman, Expert Advisory Committee for the 14th Five-Year Plan of Liaoning Province
- October 2019 – Present Member, Expert Committee, Guangdong Old Town, Old Factory,

Old Village Reconstruction Association

- June 2016 – Present Director and Deputy Secretary-General, Chinese Association of Regional Science
- September 2015 – Present Research Fellow, Peking University-Lincoln Institute Center for Urban Development and Land Policy

Social Services

- Research on the 15th Five-Year Plan for National Economic and Social Development of Linyi City. Commissioned by China International Engineering Consulting Corporation, 2025–2026
- Research on the 15th Five-Year Plan for National Economic and Social Development of Longyan City. Commissioned by China International Engineering Consulting Corporation, 2025–2026
- Special Research on Kunming Territorial Spatial Ecological Restoration Plan (2021–2035). Commissioned by Kunming Bureau of Natural Resources and Planning, 2021–2025
- Research on Industrial Development and Industrial Spatial Layout of Guilin City. Commissioned by China Urban Construction Design & Research Institute, 2019–2022
- Research on Territorial Spatial Protection and Development Strategy and Industrial Layout Optimization of Kunming. Commissioned by Kunming Bureau of Natural Resources and Planning, 2018–2021
- Research on Industrial Economic Development Strategy of Xiamen. Commissioned by Xiamen Municipal Planning Commission, 2017–2019
- Research on Industrial Support for Yibin to Strive for Sichuan Provincial Economic Sub-center. Commissioned by China Academy of Urban Planning & Design, 2017–2019