

Meng Yu

EDUCATION

- 2020-2025 PhD, City and Regional Planning, Ohio State University, OH, US
 Specification: regional science, infrastructure planning and finance
 Dissertation Title: *Loan, Land Use and the Embedded Growth Debate of China's Belt and Road Initiative (BRI)*
 Dr. Jennifer Clark, PhD – Committee chair
 Dr. Mark Partridge, PhD – Minor advisor
 Dr. Bernadette Hanlon, PhD – Theory advisor
 Dr. Andre Carrel, PhD – Method advisor
 Dr. Rick Geddes, PhD – External advisor (Cornell University)
- 2014-2016 Master of Regional Planning, Cornell University, Ithaca, NY, US
 Thesis: *The Co-Evolution of High-Speed Rail and Metropolitan Agriculture in China*
 (advisors: Kieran Donaghy and Rick Geddes)
- 2007-2010 Master of Business Administration, School of Business and Management, Nankai University, Tianjin, China
 Thesis: *Comparison of Corporate Governance and Management between Trusteeship and Partnership* (advisor: Wei'an Li)
- 1999-2003 Bachelor of Arts, School of English, Tianjin Foreign Study University, Tianjin, China

PUBLICATIONS (Peer-reviewed journals)

- 2022 **Yu, M.**, Chen, ZH., Long, Y., Mansury, S, Y. (2022) Urbanization, Land Conversion, and Arable Land in Chinese Cities: The Ripple Effects of High-Speed Rail. *Applied Geography*, Volume 146, 102756.
<https://doi.org/10.1016/j.apgeog.2022.102756>
- 2022 Yan, X., He, S., Webster, C., & **Yu., M.** (2022) Divergent distributions of physicians and healthcare beds in China: Changing patterns, driving forces, and policy implications. *Applied Geography*, Volume 138, 102626
<https://doi.org/10.1016/j.apgeog.2021.102626>
- 2021 Chen, Z., **Yu M**, Wang Y, Zhou L (2021) The effect of the synchronized multi-dimensional policies on imported COVID-19 curtailment in China. *PLoS ONE* 16(6): e0252224. <https://doi.org/10.1371/journal.pone.0252224>
- 2021 **Yu, M.**, & Chen, Z. (2021). The effect of aviation responses to the control of imported COVID-19 cases. *Journal of Air Transport Management*, 102140.
<https://doi.org/10.1016/j.jairtraman.2021.102140>

- 2019 **Yu, M.**, He, SJ., Wu, DX., Zhu, HP., Webster, Chris., Examining the Multi-Scalar Unevenness of High-Quality Healthcare Resources Distribution in China. *International Journal of Environmental Research and Public Health*, 2019(16), 2813; <https://doi.org/10.3390/ijerph16162813>

Book Chapter

- 2025 **Yu, M.**, Zhenhua, Chen. (2025) Navigating 21st-century mobility: China's Belt and Road Initiative as paradigms of state-driven transport transformation, *Handbook of Transportation and Public Policy*, Elgar. doi: <https://doi.org/10.4337/9781800888784.00030>

Manuscript (Manuscript in preparation for submission)

- 2025 **Yu, M.**, Partridge, D Mark. (2025) Strategic coupling, spatial sorting and land use: Longitudinal evidence from China High-speed rail development, Manuscript in preparation for submission to *Regional Science and Urban Economics*.
- 2025 **Yu, M.**, Clark, J. Jennifer. (2025) What is BRI's Finance Model and Why It is "Affordable"? Manuscript in preparation for submission to *Finance and Space*.
- 2025 **Yu, M.**, Carrel, Andre. (2025) How do policy expectations and planning uncertainties influence land use and the development space of the real economy? Manuscript in preparation for submission to *Economic Geography*.

AWARD

- 2024 Student Research Award of City and Regional Planning Department (USD 1,500)
- 2023 International Research and Scholar Grant, Office of International Affairs (OIA), Ohio State University (USD 1,500)
- 2023 Ken Pearlman City and Regional Planning Service Award (USD 250)
- 2022 Best Student Paper on International Planning, Global Planning Educators Interest Group (GPEIG), ACSP 2022
Paper title: *Can High-speed Rail Facilitate Urban Land Use?*
- 2022 Runner up of the student paper competition on the 52nd Mid-Continent Regional Science Association Annual Conference (MCRSA)
Paper title: *Urbanization, Land Conversion, and Arable Land in Chinese Cities: The Ripple Effects of High-Speed Rail*

ADMINISTRATIVE SERVICE

- 2025 Assist the Undergraduate Program Chair in updating the Handbook for the Undergraduate Program in City and Regional Planning.
- 2023 Assist the Graduate Program Chair in updating the Handbook for the Master Program in City and Regional Planning.

TEACHING EXPERIENCE AND PEDAGOGICAL TRAINING

SP2026	ECON5261 Financial Economics (Instructor)
SP2026	ECON4597 Underground Economics (Instructor)
SP2026	ECON2367 Current Economic Issues in the U.S. (Instructor)
SP2026	ECON4002 Intermediate Macroeconomics (Instructor)
AU2025	ECON2367 Current Economic Issues in the U.S. (Instructor, two sections)
AU2025	ECON4002 Intermediate Macroeconomics (Instructor)
AU2025	ECON4597 Underground Economics (Instructor)
SP2025	CRP2110 Creating Innovative Cities and Regions (Co-instructor)
SP2024	CRP2110 Creating Innovative Cities and Regions (Co-instructor)
AU2024	CRP3510 Crime and Urban Built Environment (Teaching assistant)
SP2024	CRP8300 General Practicum in City and Regional Planning
AU2023	CRP8200 Teaching Practicum in City and Regional Planning

COURSES AVAILABLE FOR TEACHING

Land-use Planning in AI Era

Infrastructure Planning, Finance and Operation

Urban Economics

Economic Geography

Public Finance

Development Economics

Economic Impact Analysis

LANGUAGE OTHER THAN ENGLISH

Mandarin: fluency in speaking, reading and writing

COMPUTER SKILLS

Adobe Photoshop, Illustrator, InDesign: proficiency

Stata: proficiency

R: proficiency

Python: proficiency

ArcGIS for geographical information system: proficiency

IMPLAN for Input-output and Social-economic-accounting Modeling: experienced

GTAP for global trade general equilibrium model analysis: experienced

Biogeme for travel behavior choice model analysis: experienced

NetLogo for Agent-based modeling: Basic

PROFESSIONAL EXPERIENCE

2017- 2019 Senior Research Assistant, Department of Urban Planning and Design, the University of Hong Kong

- Conducted research on the distribution of healthcare resources in China and its underlying generative mechanisms. The research was funded by the Department of Urban Planning and Design at the University of Hong Kong, under the supervision of Prof. Shenjing He (Principal Investigator).
- Collaborated with postdoctoral fellow Dr. Yue Wang on a research project investigating the economic and industrial interlinkages within the Greater Bay Area of China.

2008- 2011 Business Development Manager, Ove Arup International Engineering Consultants, Beijing

- Managed engineering contract negotiations and monitored contract payments, Notable projects include the Architectural and Fire Engineering Designs for two stations of the Beijing Metro Line 10.
- Led project acquisition efforts in the transportation infrastructure sector, focusing on railways and airports. Notable projects include the Total Design of Beijing-Tianjin High-speed Rail Tianjin Terminal.
- Conducted market analysis in city planning and engineering design, including a collaboration with OAG on regional airport capacity projection and analysis.
- Enhanced brand awareness and recognition of Arup in target markets by organizing client events, maintaining relationships with chambers of commerce, trade and investment institutions, and local design institutes. A key initiative was the annual event co-hosted with the United Kingdom Trade and Investment in Beijing.

2005- 2008 Project Coordinator, Royal HaskoningDHV Engineering Consultants, Beijing

- Assisted project managers in negotiating and developing architectural and engineering design contracts. (Example: Residential Building of the Netherlands Embassy in Beijing)
- Supported project managers in on-site project activities, including regular meetings, project progress supervision, and financial health monitoring. (Example: Environmental assessment for Shell plc's oil storage tank base in Binhai District, Tianjin)

- Assisted the general manager in office administration

NON-DEGREE CERTIFICATE

2022	Global Trade Analysis Project (GTAP) Short Course (virtual), Purdue University, May 23- Aug 6, 2022
2017	Individual, and Agent-based Modeling summer school, The Technische Universität Dresden, Dresden, Saxony, Germany, Jul 20-28, 2017
2013	City and Regional Planning summer session, College of Environmental Design, UC Berkeley, Berkeley, CA, Jul 15-Aug 6, 2013

EXTRACURRICULAR ACTIVITIES

2024- present	Invited External Affiliate, Cornell Program in Infrastructure Policy (CPIP), Cornell University • Participated in CPIP's weekly Zoom seminars, actively exchanging feedback with presenters. • Recommended prominent companies in the infrastructure and engineering industries to join CPIP and share their projects, insights, and outlooks during the seminars.
2023- present	Co-founder, Treasurer, Graduate Planners Society (GPS), Knowlton School of Architecture, Landscape and City & Regional Planning, OSU • Oversaw and ensured the financial health and sustainability of the Graduate Planners Society (GPS). • Managed tax filings and financial documentation. • Prepared budgets and successfully secured funding for GPS semester events. • Fundraised and organized the cultural event "2023 Lunar Spring Festival Gala," which hosted 70 students, faculty, and staff from the Knowlton School. • Co-organized the student event series "Picnic with Planners" during the spring and autumn semesters of 2024.

CONFERENCE PRESENTATION

- 2025 How do planning uncertainties influence land use and the development space of the real economy? **The 7th Global Conference on Economic Geography(GCEG)**, Worcester, MA, June 4-8
- 2024 *What is Belt and Road Initiative's finance model and why it is "affordable"?* the **64th Annual Conference of the Association of Collegiate Schools of Planning (ACSP)**, Seattle, WA, Nov 7-9
- 2024 Doctoral (PhD) Workshop, the **64th Annual Conference of the Association of Collegiate Schools of Planning (ACSP)**, Oct 21, 23, 25
- 2024 *Strategic coupling, spatial sorting and land use: Longitudinal evidence from China High-speed rail development*, the **63rd Annual Meeting of Western Regional Science Association (WRSa)**, Monterey, CA, Feb 11-14
- 2023 *How Transportation Facilitate Spatial Sorting Through Land Use: Evidence from China's High-Speed rails Development*, the **63rd Annual Conference of the Association of Collegiate Schools of Planning, Portland (ACSP)**, Chicago, IL, Oct 18-21.
- 2023 *Transportation planning and land use sustainability*, the 2023 **Chinese Economists Society North American Conference (CES)**, Norman, OK, Mar 31- Apr 2
- 2023 *Can High-speed rail facilitate urban land use sustainability*, the **62nd Annual Meeting of Western Regional Science Association (WRSa)**, Big Island, HI, Feb 15-18
- 2022 *Impact of High-speed Rail on the Intensive and Diversified Urban Land-use*, the **16th International Association of China Planning Annual Conference (IACP)**, Virtual meeting, Jun 25
- 2021 *The Role of Governments Bargaining in the Expansion of China's High-Speed Rails*, the **68th North American Regional Science Conference (NARSC)** International section, Virtual meeting, Nov 8
- 2021 *How industrial chain and value chain capture regional economic interdependency—a case study using China's Greater Bay Area MRIO modeling*, the **61st Annual Conference of the Association of Collegiate Schools of Planning, Portland (ACSP)**, Virtual meeting, Oct 21-23.
- 2021 *The effect of the synchronized multi-dimensional policies on imported COVID-19 curtailment in China*, the **60th Annual Meetings of the Western Regional Science Association (WRSa)**, Virtual meeting, Feb 22-25
- 2019 *The Economic Spatial Structure of Interdependencies in China Greater Bay Area*, the **58th Annual Meetings of the Western Regional Science Association (WRSa)**, Napa, CA, Feb 10-13.
- 2018 *The Economic Impact of the Hong Kong-Zhuhai-Macau Bridge on China Greater Bay Area*, the **12th World Congress of the Regional Science Association International (RSAI)**, Goa, India, May 29-Jun 1.

- 2017 *The Impact of High-Speed-Trains on Agriculture Land: Evidence from China*, the **56th Annual Meetings of the Western Regional Science Association (WRSA)**, Santa Fe, NM, Feb 15-18.
- 2016 *The Co-Evolution of High-Speed Rail and Arable Land Transformation in China*, the **56th Annual Conference of the Association of Collegiate Schools of Planning (ACSP)**, Portland, OR, Nov 3-6.

ADMINISTRATIVE SERVICE

- 2025 Assist the Undergraduate Program Chair in updating the Handbook for the Undergraduate Program in City and Regional Planning.
- 2023 Assist the Graduate Program Chair in updating the Handbook for the Master Program in City and Regional Planning.